



Labelling systems

PRODUCT APPROVALS



Rail vehicles

Product approvals for rail vehicles from Siemens, Bombardier, Alstom, Talgo for local and long-distance travel and for regional travel systems.



Automotive industry

Product approvals for plants and machinery in the auto industry including at Audi, BMW, Citroën Peugeot, Daimler AG, Fiat, Karmann, Opel, Renault, VW



Public buildings and institutions

Product approvals for media conducting systems (electricity, air, water), supply, control, networks, warning and signalling units



Air, water, road transport

Product approvals for
Aircraft: media-conducting systems, electric, hydraulic
Water craft: Electro, hydraulic, pneumatic
Street vehicles: Bus, lorry, special vehicles



Mechanical engineering

SPECIFICATIONS



Temperature range



Material



Fire classification UL 94



Additional information



Adhesive

LABELLING



Part is **halogen free**



Part is **UV-resistant**

INSTALLATION METHOD



Sleeve system

Mounting by sliding sleeve over product



Direct labelling system

Direct slide-in mounting



Cable tie system with sleeves

Mounting the sleeve with cable ties



Cable tie system label

Mounting the labels with cable ties



Clamping system

Mounting the sleeve with a clamping base



Self-locking system

Self-clamping base used to mount holder



Adhesive system

Label glued into place



Snap-fit system

Label snapped into place



Strip system

Strip snapped into place



Riveting system

Label riveted into place



Screw assembly system

Mounting the label with screws

LABELLING TECHNOLOGY



Inscription with **plotter**



Inscription with **hand pen**



Inscription with **Office laser printer**



Inscription via **engraving**



Inscription with **matrix printer**



Inscription with **Pulsar laser**



Inscription with **thermal lamination system**



Inscription with **inkjet printer**



Pre-inscribed label



Heat-shrink tube labelling

LABELLING SYSTEMS

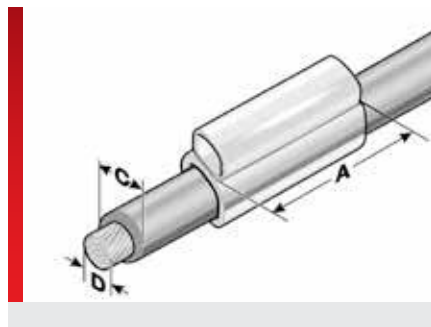
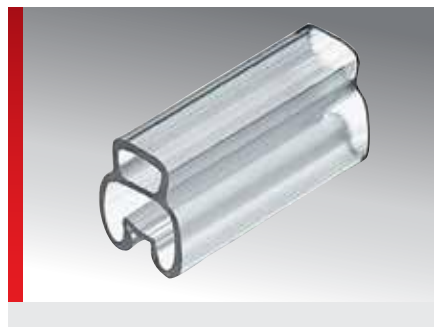
Single wire, cable and conduit labelling	Page 1063 – 1122
Terminal block labelling	Page 1123 – 1138
Device and device location labelling	Page 1139 – 1172
Labelling of push-buttons and signal lamps	Page 1173 – 1180
System labelling	Page 1181 – 1184
Thermal transfer labels	Page 1185 – 1198
Laser labelling materials	Page 1199 – 1216
Monomatt MM	Page 1217 – 1220
Labelling systems	Page 1221 – 1274
• Laser systems and accessories	Page 1221 – 1230
mp-LM 1	Page 1222
mp-LM 3	Page 1223
mp-LM 10	Page 1224
mp-LM Accessories and replacement parts	Page 1225 – 1226
<i>pulsar</i> M6	Page 1227
<i>pulsar</i> A6	Page 1228
<i>pulsar</i> Accessories	Page 1229
• Inkjet systems, accessories and supplies	Page 1231 – 1236
p ³ b	Page 1232
p ³ b Accessories and supplies	Page 1233 – 1234
<i>pictor</i> ² Supplies	Page 1235
• Plotter systems, engraving option, accessories and supplies	Page 1237 – 1244
mp-PM Basic	Page 1238
mp-PM A3	Page 1239
mp-EM opt.	Page 1240
mp-PM Accessories, replacement parts and supplies	Page 1241 – 1243
• Engraving systems, accessories, additives and engraving tools	Page 1245 – 1260
MGS 50 / MGS 60	Page 1246
CAM 100	Page 1247
CAM 200	Page 1248
CAM Accessories, additives and engraving tools	Page 1249 – 1259
• Thermal transfer systems, accessories and supplies	Page 1261 – 1274
mp-TM EOS1	Page 1262
mp-TM SQUIX 4/M	Page 1263
mp-TM XD4T Twin	Page 1264
mp-TM Accessories and supplies	Page 1265 – 1268
<i>pavonis</i>	Page 1269
<i>pavonis</i> Accessories and supplies	Page 1270 – 1273
Software	Page 1275 – 1278
Accessories	Page 1279 – 1284
Base plates	Page 1280
Holder frame, metal tab, metal hook	Page 1281
ACS special function tool	Page 1282
S-hook	Page 1283
APPENDIX	
Selection table combination options labels/base plates	Page 1286 – 1287
Selection table combination options devices/base plates	Page 1287
Material descriptions	Page 1288 – 1290
Material properties	Page 1291
Notes	Page 1292 – 1297
Index of types	Page 1298
Selection table single wire, cable, and conduit labelling	Page 1300 – 1303
Allocation table	Page 1304 – 1306





Single wire, cable, and conduit labelling

KT label sleeve (standard sleeve)



PRODUCT INFORMATION

High-quality, fully transparent label sleeves for labelling wires, cables and conduits. The KT label sleeves hold the BK idents and type KS labels.

- 7 sizes are available for wire cross sections from 0.22 – 120 mm².
- The sleeves come in different lengths.

The KT 2/20x9 as well as KT 2/35x9 for multi-line inscription are designed to hold type KSO labels.

SPECIFICATIONS

- 40 – 60 °C
- Polyvinyl chloride (PVC)
- V0
- Standard label sleeve
-

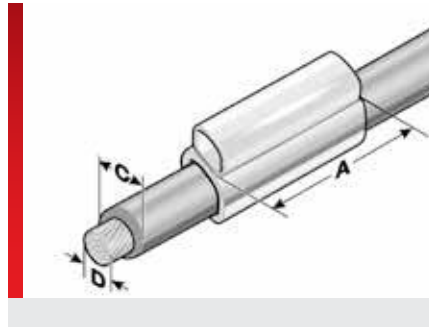
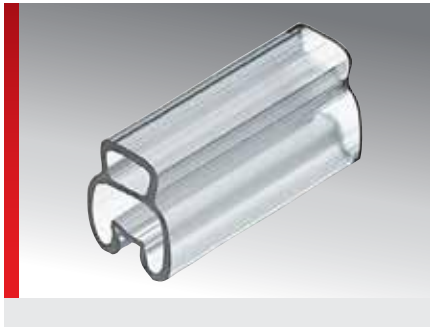
Type	Order No.	Area of application from - to Ø mm (C)	Wire cross section from - to mm ² (D)	Recommended label plate	No. idents BK23 / BK30	Pack qty.
10 mm sleeve length (A), single line inscription						
KT 0/10	86201010	1.3 – 2.0	0.22 – 0.5	KS 4/10	4 / 3	2000
KT 1/10	86201012	1.8 – 2.5	0.5 – 1.0	KS 4/10	4 / 3	2000
KT 2/10	86201014	2.5 – 4.0	0.75 – 2.5	KS 4/10	4 / 3	2000
KT 3/10	86201016	4.0 – 6.5	2.5 – 6.0	KS 4/10	4 / 3	1000
KT 4/10	86201018	6.0 – 10.0	10.0 – 25.0	KS 4/10	4 / 3	1000
KT 5/10	86201020	9.0 – 15.0	25.0 – 50.0	KS 4/10	4 / 3	1000
KT 6/10	86201022	15.0 – 23.0	50.0 – 120.0	KS 4/10	4 / 3	500
12 mm sleeve length (A), single line inscription						
KT 0/12	86201210	1.3 – 2.0	0.22 – 0.5	KS 4/12	5 / 4	2000
KT 1/12	86201212	1.8 – 2.5	0.5 – 1.0	KS 4/12	5 / 4	2000
KT 2/12	86201214	2.5 – 4.0	0.75 – 2.5	KS 4/12	5 / 4	2000
KT 3/12	86201216	4.0 – 6.5	2.5 – 6.0	KS 4/12	5 / 4	1000
KT 4/12	86201218	6.0 – 10.0	10.0 – 25.0	KS 4/12	5 / 4	1000
KT 5/12	86201220	9.0 – 15.0	25.0 – 50.0	KS 4/12	5 / 4	1000
KT 6/12	86201222	15.0 – 23.0	50.0 – 120.0	KS 4/12	5 / 4	500
15 mm sleeve length (A), single line inscription						
KT 0/15	86201510	1.3 – 2.0	0.22 – 0.5	KS 4/15	6 / 5	2000
KT 1/15	86201512	1.8 – 2.5	0.5 – 1.0	KS 4/15	6 / 5	2000
KT 2/15	86201514	2.5 – 4.0	0.75 – 2.5	KS 4/15	6 / 5	2000
KT 3/15	86201516	4.0 – 6.5	2.5 – 6.0	KS 4/15	6 / 5	1000
KT 4/15	86201518	6.0 – 10.0	10.0 – 25.0	KS 4/15	6 / 5	1000
KT 5/15	86201520	9.0 – 15.0	25.0 – 50.0	KS 4/15	6 / 5	1000

KT label sleeve (standard sleeve) (Continued...)

Type	Order No.	Area of application from - to Ø mm (C)	Wire cross section from - to mm ² (D)	Recommended label plate	No. idents BK23 / BK30	Pack qty.
KT 6/15	86201522	15.0 – 23.0	50.0 – 120.0	KS 4/15	6 / 5	500
18 mm sleeve length (A), single line inscription						
KT 0/18	86201810	1.3 – 2.0	0.22 – 0.5	KS 4/18	7 / 6	2000
KT 1/18	86201812	1.8 – 2.5	0.5 – 1.0	KS 4/18	7 / 6	2000
KT 2/18	86201814	2.5 – 4.0	0.75 – 2.5	KS 4/18	7 / 6	2000
KT 3/18	86201816	4.0 – 6.5	2.5 – 6.0	KS 4/18	7 / 6	1000
KT 4/18	86201818	6.0 – 10.0	10.0 – 25.0	KS 4/18	7 / 6	1000
KT 5/18	86201820	9.0 – 15.0	25.0 – 50.0	KS 4/18	7 / 6	750
KT 6/18	86201822	15.0 – 23.0	50.0 – 120.0	KS 4/18	7 / 6	300
23 mm sleeve length (A), single line inscription						
KT 0/23	86202310	1.3 – 2.0	0.22 – 0.5	KS 4/23	10 / 7	2000
KT 1/23	86202312	1.8 – 2.5	0.5 – 1.0	KS 4/23	10 / 7	2000
KT 2/23	86202314	2.5 – 4.0	0.75 – 2.5	KS 4/23	10 / 7	1000
KT 3/23	86202316	4.0 – 6.5	2.5 – 6.0	KS 4/23	10 / 7	1000
KT 4/23	86202318	6.0 – 10.0	10.0 – 25.0	KS 4/23	10 / 7	1000
KT 5/23	86202320	9.0 – 15.0	25.0 – 50.0	KS 4/23	10 / 7	500
KT 6/23	86202322	15.0 – 23.0	50.0 – 120.0	KS 4/23	10 / 7	250
30 mm sleeve length (A), single line inscription						
KT 0/30	86203010	1.3 – 2.0	0.22 – 0.5	KS 4/30	13 / 10	1000
KT 1/30	86203012	1.8 – 2.5	0.5 – 1.0	KS 4/30	13 / 10	1500
KT 2/30	86203014	2.5 – 4.0	0.75 – 2.5	KS 4/30	13 / 10	1000
KT 3/30	86203016	4.0 – 6.5	2.5 – 6.0	KS 4/30	13 / 10	1000
KT 4/30	86203018	6.0 – 10.0	10.0 – 25.0	KS 4/30	13 / 10	500
KT 5/30	86203020	9.0 – 15.0	25.0 – 50.0	KS 4/30	13 / 10	500
KT 6/30	86203022	15.0 – 23.0	50.0 – 120.0	KS 4/30	13 / 10	200
20 mm sleeve length (A), single and multi-line inscription						
KT 2/20x9	86202050	2.5 – 4.0	0.75 – 2.5	KSO 20x9		1000
35 mm sleeve length (A), single and multi-line inscription						
KT 2/35x9	86203550	2.5 – 4.0	0.75 – 2.5	KSO 35x9		500
70 mm sleeve length (A), single line inscription						
KT 2/70	86207014	2.5 – 4.0	0.75 – 2.5	KS 4/30-70	30 / 23	500
KT 3/70	86207016	4.0 – 6.5	2.5 – 6.0	KS 4/30-70	30 / 23	400

* Single wire, type H05/07V-K

KTH label sleeve (halogen-free)



PRODUCT INFORMATION

High-quality, fully transparent, halogen-free label sleeves for labelling wires, cables and conduits. KTH label sleeves hold the BK idents and type KS labels.

- Wire cross sections from 0.22 – 35 mm² are available.
- The sleeves come in different lengths.

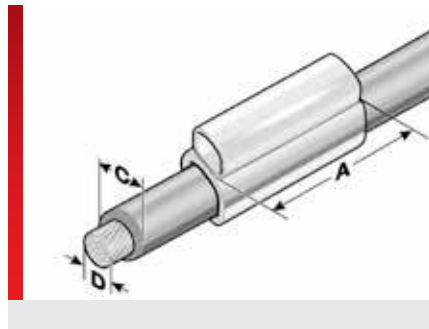
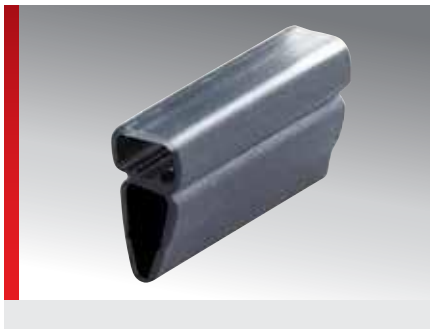
SPECIFICATIONS

- 40 – 80 °C
- EVA
- HB
- HF
-

Type	Order No.	Area of application from - to Ø mm (C)	Wire cross section from - to mm ² (D)	Recommended label plate	No. idents BK23 / BK30	Pack qty.
12 mm sleeve length (A), single line inscription						
KTH 0/12	86221210	1.3 – 2.0	0.5	KS 4/12	5 / 4	2000
KTH 1/12	86221212	1.8 – 2.3	0.5	KS 4/12	5 / 4	2000
KTH 2/12	86221214	2.5 – 3.3	0.75 – 2.5	KS 4/12	5 / 4	2000
KTH 3/12	86221216	3.5 – 6.0	2.5 – 6.0	KS 4/12	5 / 4	1000
KTH 4/12	86221218	6.0 – 9.0	10.0 – 16.0	KS 4/12	5 / 4	1000
18 mm sleeve length (A), single line inscription						
KTH 0/18	86221810	1.3 – 2.0	0.5	KS 4/18	7 / 6	2000
KTH 1/18	86221812	1.8 – 2.3	0.5	KS 4/18	7 / 6	2000
KTH 2/18	86221814	2.5 – 3.3	0.75 – 2.5	KS 4/18	7 / 6	2000
KTH 3/18	86221816	3.5 – 6.0	2.5 – 6.0	KS 4/18	7 / 6	1000
KTH 4/18	86221818	6.0 – 9.0	10.0 – 16.0	KS 4/18	7 / 6	1000
KTH 5/18	86221820	9.0 – 14.0	25.0 – 35.0	KS 4/18	7 / 6	500
23 mm sleeve length (A), single line inscription						
KTH 0/23	86222310	1.3 – 2.0	0.5	KS 4/23	10 / 7	1000
KTH 1/23	86222312	1.8 – 2.3	0.5	KS 4/23	10 / 7	2000
KTH 2/23	86222314	2.5 – 3.3	0.75 – 2.5	KS 4/23	10 / 7	1000
KTH 3/23	86222316	3.5 – 6.0	2.5 – 6.0	KS 4/23	10 / 7	1000
KTH 4/23	86222318	6.0 – 9.0	10.0 – 16.0	KS 4/23	10 / 7	1000
30 mm sleeve length (A), single line inscription						
KTH 3/30	86222416	3.5 – 6.0	2.5 – 6.0	KS 4/30	13 / 10	1000
KTH 4/30	86222418	6.0 – 9.0	10.0 – 16.0	KS 4/30	13 / 10	500

* Single wire, type H05/07V-K

KTH/Q label sleeve (halogen-free / high packing density)



PRODUCT INFORMATION

High-quality, halogen-free, two-part label sleeves for the highest demands. The sleeve geometry causes a minimum increase in cable diameter. The trapezoidal design makes for rapid and simple installation.

KTH/Q label sleeves hold the BK idents and type KS labels.

- Wire cross sections from 0.14 – 240 mm² are available.
- The sleeves come in different lengths.

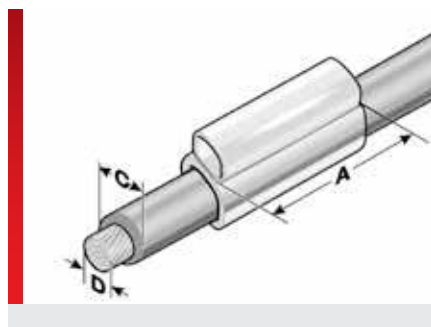
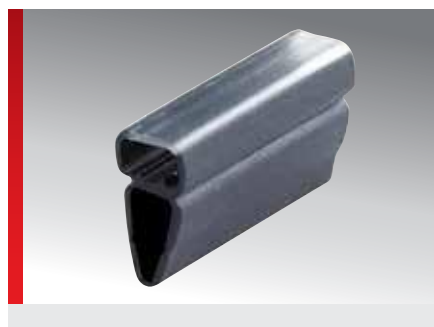
SPECIFICATIONS

- 40 – 100 °C short term 160 °C
- TPU
- V0
- Halogen-free

HF
 EU

Type	Order No.	Area of application from - to Ø mm (C)	Wire cross section from - to mm ² (D)	Recommended label plate	No. idents BK23 / BK30	Pack qty.
12 mm sleeve length (A), single line inscription						
KTH/Q 0/12	86222808	0.8 – 1.5	0.5	KS 4/12	5 / 4	2000
KTH/Q 1/12	86222810	1.5 – 2.3	0.5	KS 4/12	5 / 4	2000
KTH/Q 1.5/12	86222811	1.6 – 3.2	0.5 – 0.75	KS 4/12	5 / 4	2000
KTH/Q 2/12	86222812	2.2 – 4.5	0.75 – 2.5	KS 4/12	5 / 4	2000
KTH/Q 3/12	86222814	3.7 – 6.2	2.5 – 6.0	KS 4/12	5 / 4	1000
KTH/Q 4/12	86222817	5.5 – 10.0	10.0 – 25.0	KS 4/12	5 / 4	1000
KTH/Q 5/12	86222818	8.0 – 12.0	25.0 – 35.0	KS 4/12	5 / 4	500
KTH/Q 6/12	86222820	10.0 – 14.0	50.0	KS 4/12	5 / 4	500
KTH/Q 6.5/12	86222821	12.0 – 18.0	70.0 – 95.0	KS 4/12	5 / 4	500
18 mm sleeve length (A), single line inscription						
KTH/Q 0/18	86223008	0.8 – 1.5	0.5	KS 4/18	7 / 6	2000
KTH/Q 1/18	86223010	1.5 – 2.3	0.5	KS 4/18	7 / 6	2000
KTH/Q 1.5/18	86223011	1.6 – 3.2	0.5 – 0.75	KS 4/18	7 / 6	2000
KTH/Q 2/18	86223012	2.2 – 4.5	0.75 – 2.5	KS 4/18	7 / 6	2000
KTH/Q 3/18	86223014	3.7 – 6.2	2.5 – 6.0	KS 4/18	7 / 6	1000
KTH/Q 4/18	86223017	5.5 – 10.0	10.0 – 25.0	KS 4/18	7 / 6	1000
KTH/Q 5/18	86223018	8.0 – 12.0	25.0 – 35.0	KS 4/18	7 / 6	500
KTH/Q 6/18	86223020	10.0 – 14.0	50.0	KS 4/18	7 / 6	500
KTH/Q 6.5/18	86223021	12.0 – 18.0	70.0 – 95.0	KS 4/18	7 / 6	500
KTH/Q 7/18	86223022	18.0 – 24.0	120.0 – 150.0	KS 4/18	7 / 6	250
KTH/Q 8/18	86223024	23.0 – 30.0	185.0 – 240.0	KS 4/18	7 / 6	250

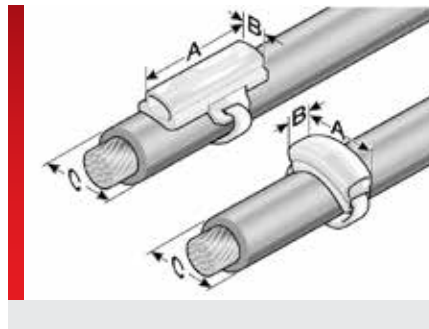
KTH/Q label sleeve (halogen-free / high packing density) (Continued...)



Type	Order No.	Area of application from - to Ø mm (C)	Wire cross section from - to mm ² (D)	Recommended label plate	No. idents BK23 / BK30	Pack qty.
23 mm sleeve length (A), single line inscription						
KTH/Q 0/23	86223208	0.8 – 1.5	0.5	KS 4/23	10 / 7	2000
KTH/Q 1/23	86223210	1.5 – 2.3	0.5	KS 4/23	10 / 7	2000
KTH/Q 1.5/23	86223211	1.6 – 3.2	0.5 – 0.75	KS 4/23	10 / 7	2000
KTH/Q 2/23	86223212	2.2 – 4.5	0.75 – 2.5	KS 4/23	10 / 7	2000
KTH/Q 3/23	86223214	3.7 – 6.2	2.5 – 6.0	KS 4/23	10 / 7	1000
KTH/Q 4/23	86223217	5.5 – 10.0	10.0 – 25.0	KS 4/23	10 / 7	1000
KTH/Q 5/23	86223218	8.0 – 12.0	25.0 – 35.0	KS 4/23	10 / 7	500
KTH/Q 6/23	86223220	10.0 – 14.0	50.0	KS 4/23	10 / 7	500
KTH/Q 6.5/23	86223221	12.0 – 18.0	70.0 – 95.0	KS 4/23	10 / 7	500
KTH/Q 7/23	86223222	18.0 – 24.0	120.0 – 150.0	KS 4/23	10 / 7	250
KTH/Q 8/23	86223224	23.0 – 30.0	185.0 – 240.0	KS 4/23	10 / 7	250
30 mm sleeve length (A), single line inscription						
KTH/Q 0/30	86223408	0.8 – 1.5	0.5	KS 4/30	13 / 10	2000
KTH/Q 1/30	86223410	1.5 – 2.3	0.5	KS 4/30	13 / 10	2000
KTH/Q 1.5/30	86223411	1.6 – 3.2	0.5 – 0.75	KS 4/30	13 / 10	2000
KTH/Q 2/30	86223412	2.2 – 4.5	0.75 – 2.5	KS 4/30	13 / 10	2000
KTH/Q 3/30	86223414	3.7 – 6.2	2.5 – 6.0	KS 4/30	13 / 10	1000
KTH/Q 4/30	86223417	5.5 – 10.0	10.0 – 25.0	KS 4/30	13 / 10	1000
KTH/Q 5/30	86223418	8.0 – 12.0	25.0 – 35.0	KS 4/30	13 / 10	500
KTH/Q 6/30	86223420	10.0 – 14.0	50.0	KS 4/30	13 / 10	500
KTH/Q 6.5/30	86223421	12.0 – 18.0	70.0 – 95.0	KS 4/30	13 / 10	500
KTH/Q 7/30	86223422	18.0 – 24.0	120.0 – 150.0	KS 4/30	13 / 10	250
KTH/Q 8/30	86223424	23.0 – 30.0	185.0 – 240.0	KS 4/30	13 / 10	200
30 mm sleeve length (A), notched						
KTH/Q 1/30A	86223482	1.5 – 2.3	0.5	KS 4/30	13 / 10	2000
KTH/Q 2/30A	86223484	2.2 – 4.5	0.75 – 2.5	KS 4/30	13 / 10	2000
KTH/Q 3/30A	86223486	3.7 – 5.9	2.5 – 6.0	KS 4/30	13 / 10	500

* Single wire, type H05/07V-K

KM label holder (standard holder)



PRODUCT INFORMATION

Label holder for wire, cable and conduit labels. KM label holder accommodate BK idents and type KS as well as type KSO labels.

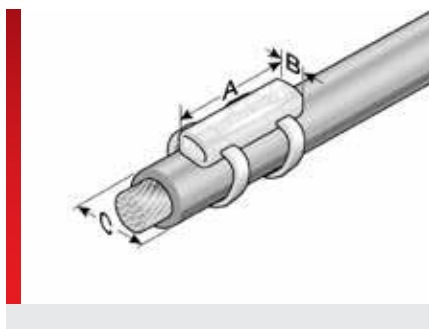
- The label holders are fixed in place with cable ties.

SPECIFICATIONS

- 40 – 60 °C
- Polyvinyl chloride (PVC)
- V0
- Standard label holder
-

Type	Order No.	Colour	Length mm (A)	Width mm (B)	Recommended label plate	No. idents BK23 / BK30	Cable ties max. width mm	Recommended min. diameter mm (C)	Pack qty.
Labelling across the cable/the hose, single line of print									
KM 3	86321018	Transparent	16.00	4.00	KS 4/12	6 / 5	5.00	5.00	2000
Labelling lengthwise to the cable/the hose, single line of print									
KM 4/12	86321015	Transparent	12.00	4.00	KS 4/x	5 / 3	5.00	5.00	2000
KM 4/18	86321019	Transparent	18.00	4.00	KS 4/x	7 / 6	5.00	5.00	2000
KM 4/23	86321020	Transparent	23.00	4.00	KS 4/x	10 / 7	5.00	5.00	1000
KM 4/31	86321024	Transparent	31.00	4.00	KS 4/x	13 / 10	5.00	5.00	1000
Labelling lengthwise to the cable/the hose, one or more lines of print									
KM 9/20	86321040	Transparent	20.00	9.00	KSO 20x9		5.00	10.00	1000
KM 9/35	86321042	Transparent	35.00	9.00	KSO 35x9		5.00	10.00	500
KM 9/70	86321045	Transparent	70.00	9.00	KSO 70x9		5.00	10.00	250
KM 15/27	86321056	Transparent	27.00	15.00	KS 15/27		5.00	14.00	500
KM 15/49	86321058	Transparent	49.00	15.00	KS 15/49		5.00	14.00	250
KM 15/67	86321060	Transparent	67.00	15.00	KS 15/67		5.00	14.00	125
Pre-configured label holder, equipped with KB 55 cable ties									
KKM 4/12	86321048	Transparent	12.00	4.00	KS 4/x	5 / 4	5.00	5.00	250
KKM 4/23	86321050	Transparent	23.00	4.00	KS 4/x	10 / 7	5.00	5.00	250
KKM 9/20	86321052	Transparent	20.00	9.00	KSO 20x9		5.00	10.00	250
KKM 9/35	86321054	Transparent	35.00	9.00	KSO 35x9		5.00	10.00	250

KM label holder (standard holder, variable length)



PRODUCT INFORMATION

Individual label holders for labelling wires, cables and conduits. The KM variable length label holders can be cut to any length and are used to hold the KS and KSO label plates.

- The label holders are fixed in place with cable ties.

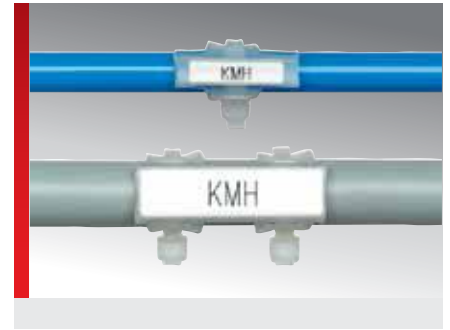
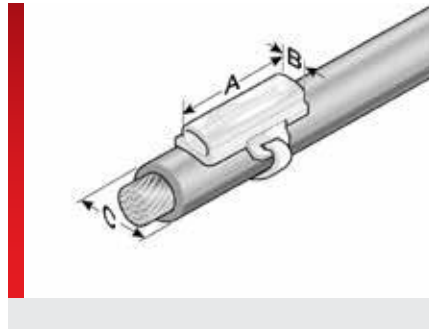
The KM-T10 multi-purpose tool can be used to cut the label holders to convenient lengths (A) for specific purposes. The tool can process KM 9 and KM 15 materials without resetting. The ACS special function tool KM-T10 is listed in "accessories".

SPECIFICATIONS

- 40 – 60 °C
- Polyvinyl chloride (PVC)
- V0
- Individual length
-

Type	Order No.	Colour	Length mm	Width mm (B)	Recommended label plate	Cable ties max. width mm	Recommended min. diameter mm (C)	Pack qty.
Labelling lengthwise to the cable/the hose, one or more lines of print								
KM 9/10000	86321070	Transparent	10000.00	9.00	KSO 9/x	5.00	5.00	1
KM 15/10000	86321072	Transparent	10000.00	15.00	KS 15/x	5.00	10.00	1

KMH label holder (halogen-free)



PRODUCT INFORMATION

Halogen-free label holders for wire, cable and conduit labels. KMH label holders for BK idents and type KS as well as type KSO labels.

- The label holders are fixed in place with cable ties.

SPECIFICATIONS

- 40 – 80 °C
- EVA
- HB
- Halogen-free

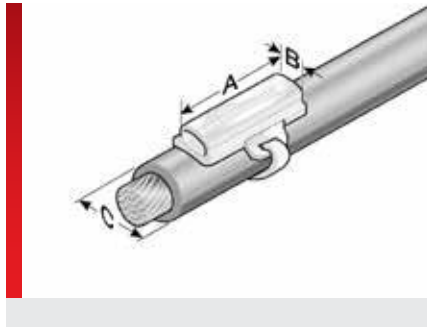
HF

Type	Order No.	Colour	Length mm (A)	Width mm (B)	Recommended label plate	No. idents BK23 / BK30	Cable ties max. width mm	Recommended min. diameter mm (C)	Pack qty.
Labelling lengthwise to the cable/the hose, single line of print									
KMH 4/23	86221010	Transparent	23.00	4.00	KS 4/x	10 / 7	5.00	5.00	1000
Labelling lengthwise to the cable/the hose, one or more lines of print									
KMH 9/20	86221012	Transparent	20.00	9.00	KSO 20x9		5.00	10.00	1000
KMH 9/35	86221016	Transparent	35.00	9.00	KSO 35x9		5.00	10.00	500
Pre-configured label holder, equipped with KB 55 cable ties									
KKMH 4/23	86221050	Transparent	23.00	4.00	KS 4/x	10 / 7	5.00	5.00	250

KMH/Q label holder (halogen-free / high packing density)



Figure shows KMH/Q 4/23



PRODUCT INFORMATION

High-quality, halogen-free, two-part label holders for the highest demands in the labelling of wires, cables and conduits. KMH/Q label holders for BK idents and type KS labels.

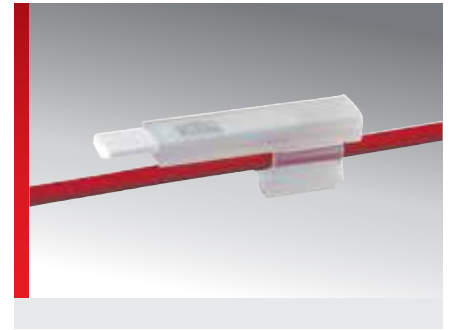
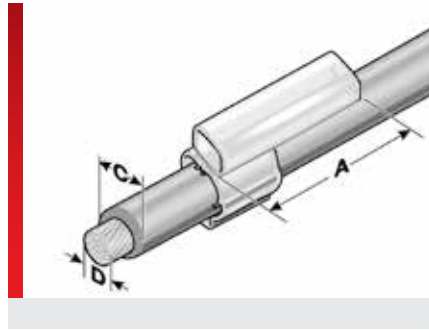
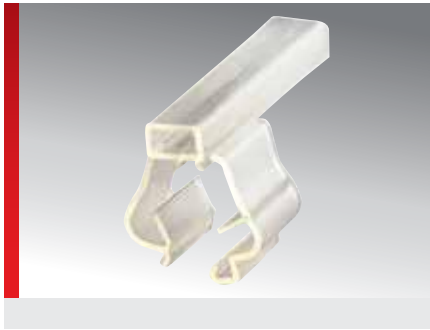
- The label holders are fixed in place with cable ties.
- It matches the appearance of label sleeve KTH/Q.

SPECIFICATIONS

- 40 – 100 °C short term 160 °C
- TPU
- V0
- Halogen-free

Type	Order No.	Length mm (A)	Width mm (B)	Recommended label plate	No. idents BK23 / BK30	Cable ties max. width mm	Recommended min. diameter mm (C)	Pack qty.
Labelling lengthwise on the line/the conduit, single line of print (centred cable ties position)								
KMH/Q 4/23	86223610	23.00	4.00	KS 4/x	10 / 7	5.00	5.00	1000
Labelling lengthwise on the line/the conduit, single line of print (off centre cable ties position)								
KMH/Q 4/30	86223612	30.00	4.00	KS 4/x	13 / 10	5.00	5.00	1000

KTN label holder (halogen-free)



PRODUCT INFORMATION

Halogen-free label holders for subsequent labelling of single wires and cables. KTN label holders for BK idents and type KS labels.

- The label holders are manually fastened.
- 5 versions are available for wire cross sections from 0.25 – 10 mm².

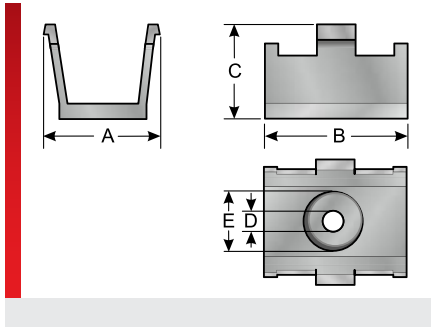
SPECIFICATIONS

- 40 – 100 °C
- TPE
- HB
- Retrofitting

HF

Type	Order No.	Colour	Area of application from - to Ø mm (C)	Wire cross-section from - to mm ² (D)	Recommended label plate	No. idents BK23 / BK30	Pack qty.
23 mm sleeve length (A), single line inscription							
KTN 1/23	86242310	Transparent	1.7 – 3.0	0.25 – 1.5	KS 4/23	10 / 7	1000
KTN 2/23	86242312	Transparent	2.5 – 3.5	0.75 – 2.5	KS 4/23	10 / 7	1000
KTN 3/23	86242314	Transparent	3.3 – 4.8	2.5 – 4.0	KS 4/23	10 / 7	1000
KTN 4/23	86242316	Transparent	4.2 – 5.6	4.0 – 6.0	KS 4/23	10 / 7	1000
KTN 5/23	86242318	Transparent	5.0 – 7.0	6.0 – 10.0	KS 4/23	10 / 7	1000

ASI-Snap Standard label holder










PRODUCT INFORMATION

Mounting clip for laying the ASI bus cable. Simple screwing or riveting mounting clip, for fastening and routing the ASI bus cable. The bus cable is simply snapped into the mounting clip without any further installation effort.

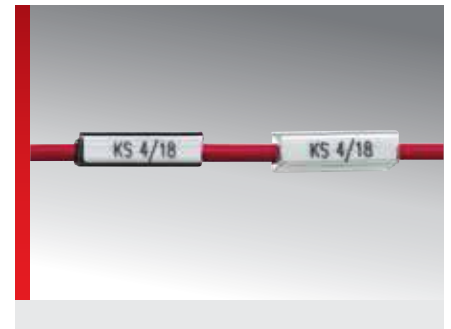
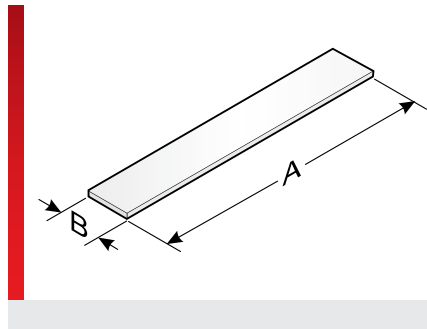
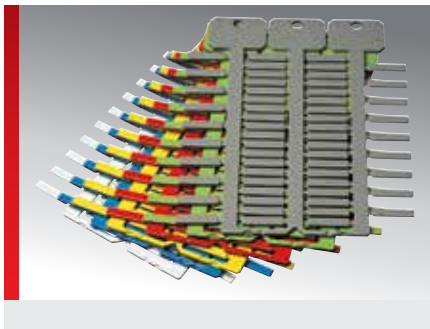
A KM 4/x series label can be latched into the mounting clip as bus cable labelling.

SPECIFICATIONS

-  -40 – 80 °C
-  Hard polyvinyl chloride (PVC)
-  V0
-  Laying and labelling for ASI bus cable
- 
- 
- 

Type	Order No.	Colour	Recommended Label holder	Length mm (A)	Width mm (B)	C mm	D mm	E mm	Pack qty.
ASI-Snap	86321062	Black	KM 4/...	14.00	15.00	11.00	2.50	6.50	50

KS Label plate (single-line)



PRODUCT INFORMATION

High-quality, halogen-free, universal label. The KS 4/x label is used with sleeves KT, KTH, KTHQ or holders KM, KMH, KMHQ or KTN on wires, cables, lines or conduits.

- Available in various lengths and colours.
- The large printable area at the top provides room to reference individual projects.

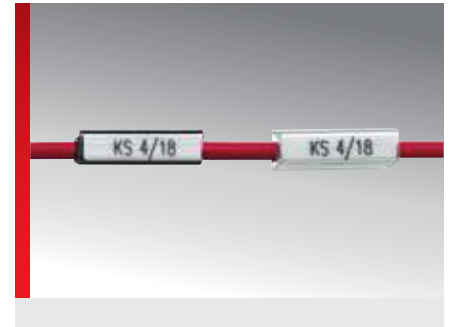
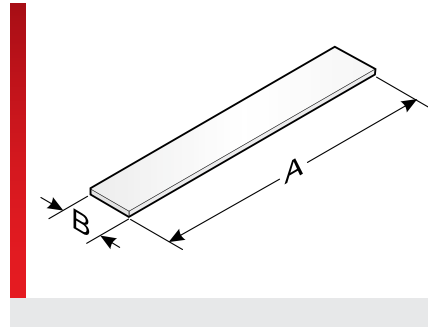
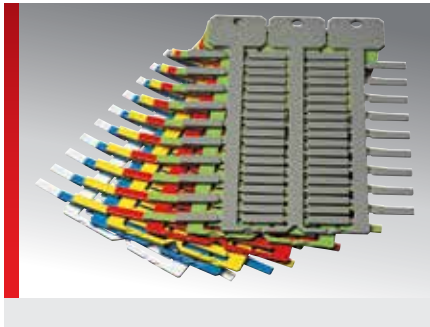
Only the long mat version labels are to be used with the mp-LM laser series.

SPECIFICATIONS

- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Single-line inscription

Type	Order No.	Colour	RAL equiv.	Label size mm (B x A)	Labelling area mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
Label length 10 mm, 4-line mat design										
KS 4/10 4ST	86361084	White	9016	4.0 x 10.0	4.0 x 10.0	5 / 1	64	GP4	A86	1024
Label length 12 mm, 4-line mat design										
KS 4/12 4ST	86361086	White	9016	4.0 x 12.0	4.0 x 12.0	6 / 1	64	GP4	A87	1024
KS 4/12 4ST	86361087	Yellow	1018	4.0 x 12.0	4.0 x 12.0	6 / 1	64	GP4	430	1024
Label length 12 mm										
KS 4/12	86361026	White	9016	4.0 x 12.0	4.0 x 12.0	6 / 1	57	GP3	6	1026
KS 4/12	86361018	Yellow	1018	4.0 x 12.0	4.0 x 12.0	6 / 1	57	GP3	7	1026
KS 4/12	86361020	Red	2012	4.0 x 12.0	4.0 x 12.0	6 / 1	57	GP3	8	1026
KS 4/12	86361022	Green	6018	4.0 x 12.0	4.0 x 12.0	6 / 1	57	GP3	9	1026
KS 4/12	86361024	Blue	5012	4.0 x 12.0	4.0 x 12.0	6 / 1	57	GP3	10	1026
KS 4/12	86361019	Orange	2011	4.0 x 12.0	4.0 x 12.0	6 / 1	57	GP3	60	1026
Label length 12 mm (high packaging density)										
KS 4/12 ST	86361072	White	9016	4.0 x 12.0	4.0 x 12.0	6 / 1	72	GP3	6ST	1296
KS 4/12 ST	86361073	Yellow	1018	4.0 x 12.0	4.0 x 12.0	6 / 1	72	GP3	7ST	1296
KS 4/12 ST	86361074	Red	2012	4.0 x 12.0	4.0 x 12.0	6 / 1	72	GP3	8ST	1296
Label length 12 mm, levelled foot										
KS 4/12-AF	86361027	White	9016	4.0 x 12.0	4.0 x 12.0	6 / 1	57	GP3	6AF	1026

KS Label plate (single-line) (Continued...)

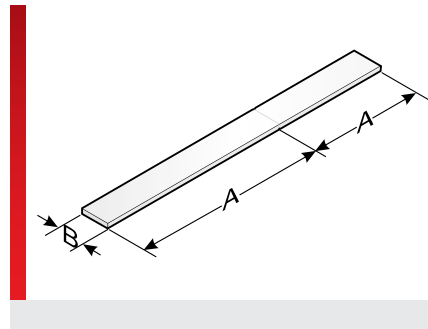
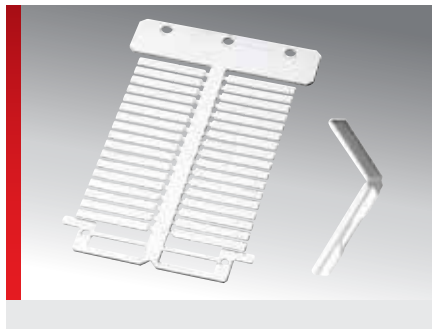


Type	Order No.	Colour	RAL equiv.	Label size mm (B x A)	Labelling area mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
Label length 15 mm, 4-line mat design										
KS 4/15 4ST	86361088	White	9016	4.0 x 15.0	4.0 x 15.0	8 / 1	64	GP4	A88	1024
Label length 18 mm										
KS 4/18	86361033	Orange	2011	4.0 x 18.0	4.0 x 18.0	10 / 1	57	GP3	10	1026
KS 4/18	86361035	Brown	8003	4.0 x 18.0	4.0 x 18.0	10 / 1	57	GP3	1B	1026
KS 4/18	86361029	Purple	4005	4.0 x 18.0	4.0 x 18.0	10 / 1	57	GP3	1L	1026
KS 4/18	86361031	Pink	4010	4.0 x 18.0	4.0 x 18.0	10 / 1	57	GP3	1R	1026
KS 4/18	86361228	Grey	7038	4.0 x 18.0	4.0 x 18.0	10 / 1	57	GP3	1G	1026
Label length 18 mm (high packaging density)										
KS 4/18 ST	86361080	White	9016	4.0 x 18.0	4.0 x 18.0	10 / 1	72	GP3	1ST	1296
KS 4/18 ST	86361081	Yellow	1018	4.0 x 18.0	4.0 x 18.0	10 / 1	72	GP3	2ST	1296
KS 4/18 ST	86361082	Red	2012	4.0 x 18.0	4.0 x 18.0	10 / 1	72	GP3	3ST	1296
Label length 18 mm, levelled foot										
KS 4/18-AF	86361037	White	9016	4.0 x 18.0	4.0 x 18.0	10 / 1	57	GP3	5AF	1026
Label length 23 mm										
KS 4/23	86361064	White	9016	4.0 x 23.0	4.0 x 23.0	12 / 1	34	GP3	11A	1020
KS 4/23	86361066	Yellow	1018	4.0 x 23.0	4.0 x 23.0	12 / 1	34	GP3	11B	1020
KS 4/23	86361068	Red	2012	4.0 x 23.0	4.0 x 23.0	12 / 1	34	GP3	11C	1020
Label length 30 mm										
KS 4/30	86361042	White	9016	4.0 x 30.0	4.0 x 30.0	16 / 1	34	GP3	15	1020
KS 4/30	86361246	Yellow	1018	4.0 x 30.0	4.0 x 30.0	16 / 1	34	GP3	17	1020
KS 4/30	86361240	Red	2012	4.0 x 30.0	4.0 x 30.0	16 / 1	34	GP3	16	1020
KS 4/30	86361244	Green	6018	4.0 x 30.0	4.0 x 30.0	16 / 1	34	GP3	19	1020
KS 4/30	86361242	Blue	5012	4.0 x 30.0	4.0 x 30.0	16 / 1	34	GP3	18	1020
KS 4/30 PE	86361043	Green / Yellow		4.0 x 30.0	4.0 x 30.0	16 / 1	34	GP3	15P	1020
Label length 12 mm, long mat design										
KS 4/12 L	86362026	White	9016	4.0 x 12.0	4.0 x 12.0	6 / 1	57	GP3	477	1026
KS 4/12 L	86362018	Yellow	1018	4.0 x 12.0	4.0 x 12.0	6 / 1	57	GP3	478	1026
KS 4/12 L	86362020	Red	2012	4.0 x 12.0	4.0 x 12.0	6 / 1	57	GP3	479	1026
KS 4/12 L	86362022	Green	6018	4.0 x 12.0	4.0 x 12.0	6 / 1	57	GP3	480	1026

KS Label plate (single-line) (Continued...)

Type	Order No.	Colour	RAL equiv.	Label size mm (B x A)	Labelling area mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KS 4/12 L	86362024	Blue	5012	4.0 x 12.0	4.0 x 12.0	6 / 1	57	GP3	481	1026
Label length 18 mm, long mat design										
KS 4/18 L	86362036	White	9016	4.0 x 18.0	4.0 x 18.0	10 / 1	57	GP3	472	1026
KS 4/18 L	86362028	Yellow	1018	4.0 x 18.0	4.0 x 18.0	10 / 1	57	GP3	473	1026
KS 4/18 L	86362030	Red	2012	4.0 x 18.0	4.0 x 18.0	10 / 1	57	GP3	474	1026
KS 4/18 L	86362032	Green	6018	4.0 x 18.0	4.0 x 18.0	10 / 1	57	GP3	475	1026
KS 4/18 L	86362034	Blue	5012	4.0 x 18.0	4.0 x 18.0	10 / 1	57	GP3	476	1026
Label length 23 mm, long mat design										
KS 4/23 L	86362064	White	9016	4.0 x 23.0	4.0 x 23.0	12 / 1	34	GP3	459	1020
KS 4/23 L	86362066	Yellow	1018	4.0 x 23.0	4.0 x 23.0	12 / 1	34	GP3	460	1020
KS 4/23 L	86362068	Red	2012	4.0 x 23.0	4.0 x 23.0	12 / 1	34	GP3	461	1020
Label length 30 mm, long mat design										
KS 4/30 L	86362042	White	9016	4.0 x 30.0	4.0 x 30.0	16 / 1	34	GP3	462	1020
KS 4/30 L	86362046	Yellow	1018	4.0 x 30.0	4.0 x 30.0	16 / 1	34	GP3	463	1020
KS 4/30 L	86362040	Red	2012	4.0 x 30.0	4.0 x 30.0	16 / 1	34	GP3	464	1020
KS 4/30 L	86362044	Green	6018	4.0 x 30.0	4.0 x 30.0	16 / 1	34	GP3	465	1020
KS 4/30 L	86362045	Blue	5012	4.0 x 30.0	4.0 x 30.0	16 / 1	34	GP3	466	1020

KS label plate (single-line/divisible)



PRODUCT INFORMATION

High-quality, halogen-free, severable label. The KS 4/x label is used with sleeves KT, KTH, KTHQ or holders KM, KMH, KMHQ or KTN on wires, cables, lines or conduits.

- Available in different colours.
- The KS 4/18-12 has a detachable section, where the necessary connection information can be stored.

- The length of the KS 4/30-70 can be modified in 10 mm increments for labels of 30 mm length or longer.

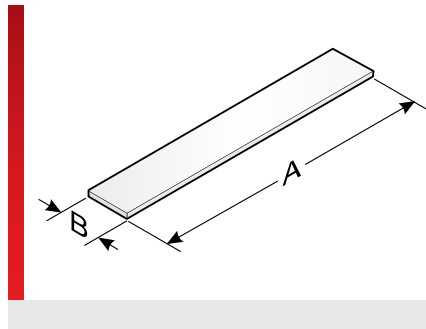
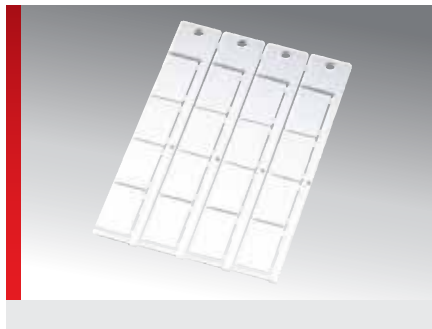
Only the long mat version labels are to be used with the mp-LM laser series.

SPECIFICATIONS

- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Single-line inscription

Type	Order No.	Colour	RAL equiv.	Label size mm (B x A)	Labelling area mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
Label length 30 mm (divided at 18 mm)										
KS 4/18-12	86361048	White	9016	4.0 x 30.0	4.0 x 30.0	16 / 1	34	GP3	15A	1020
KS 4/18-12	86361050	Yellow	1018	4.0 x 30.0	4.0 x 30.0	16 / 1	34	GP3	17A	1020
KS 4/18-12	86361052	Red	2012	4.0 x 30.0	4.0 x 30.0	16 / 1	34	GP3	17A	1020
KS 4/18-12	86361054	Green	6018	4.0 x 30.0	4.0 x 30.0	16 / 1	34	GP3	18A	1020
KS 4/18-12	86361056	Blue	5012	4.0 x 30.0	4.0 x 30.0	16 / 1	34	GP3	18A	1020
KS 4/18-12	86361058	Grey	7038	4.0 x 30.0	4.0 x 30.0	16 / 1	34	GP3	20A	1020
Label length 30 mm (divided at 18 mm), long mat design										
KS 4/18-12 L	86362048	White	9016	4.0 x 30.0	4.0 x 30.0	16 / 1	34	GP3	467	1020
KS 4/18-12 L	86362050	Yellow	1018	4.0 x 30.0	4.0 x 30.0	16 / 1	34	GP3	468	1020
KS 4/18-12 L	86362052	Red	2012	4.0 x 30.0	4.0 x 30.0	16 / 1	34	GP3	469	1020
KS 4/18-12 L	86362054	Green	6018	4.0 x 30.0	4.0 x 30.0	16 / 1	34	GP3	470	1020
KS 4/18-12 L	86362056	Blue	5012	4.0 x 30.0	4.0 x 30.0	16 / 1	34	GP3	471	1020
Label length 70 mm (divided at 30/40/50/60 mm)										
KS 4/30-70	86361070	White	9016	4.0 x 70.0	4.0 x 70.0	38 / 1	18	GP3	1U	324
KS 4/30-70	86361071	Yellow	1018	4.0 x 70.0	4.0 x 70.0	38 / 1	18	GP3	1U5	324

KS label plate (multi-line)



PRODUCT INFORMATION

High-quality, halogen-free, universal label for multi-line inscriptions.

- Available in various lengths and colours.
- The large printable area at the top provides room to reference individual projects.

The KS 15/x may be inserted into the KM 15* label holders or the BZS 15* and BZS/F 15* label rails. The KS 22x22 is suitable for Siemens 3SB push-button and signal lamp holders. Other sizes of the KS label are used for BT and BMA label holders.

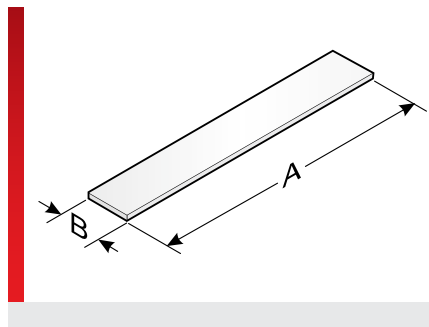
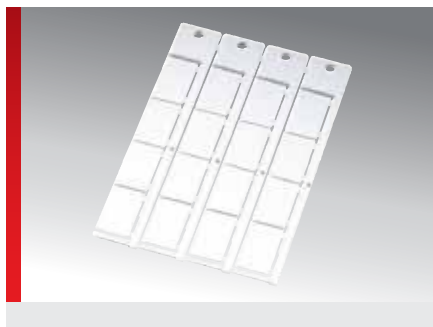
SPECIFICATIONS

- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Single-line and multi-line inscription

HF
 Soldering
 Drill
 Laser
 Fire

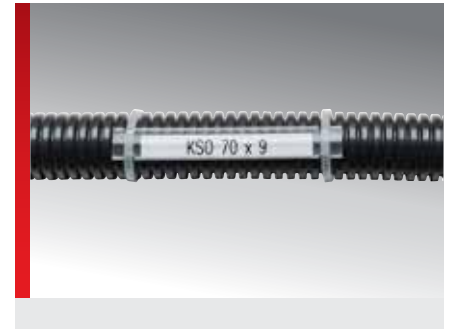
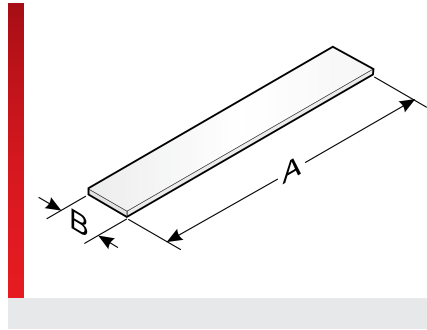
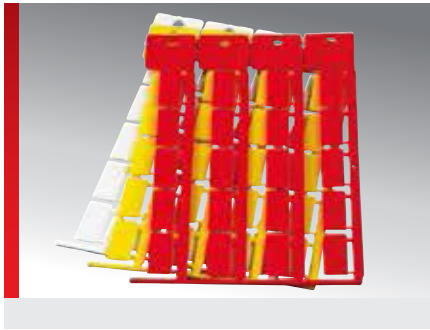
Type	Order No.	Colour	RAL equiv.	Label size mm (B x A)	Labelling area mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
Label length 26.5 mm for BT 22.5 and BT Harmony ZB4										
KS 8/26.5	86361060	White	9016	8.0 x 26.5	8.0 x 26.5	14 / 2	16	GP4	71	480
17 mm label length for KM 15*, BZS 15* and BZS/F 15*										
KS 15/17	86361040	White	9016	15.0 x 17.0	15.0 x 17.0	9 / 4	24	GP4	84	720
27 mm label length for KM 15/27, BT 15/27, BTK 15/27, BT-SR 15x27, BTK 22,5, BZS 15* and BZS/F 15*										
KS 15/27	86361010	White	9016	15.0 x 27.0	15.0 x 27.0	15 / 4	16	GP4	85	480
KS 15/27	86361012	Yellow	1018	15.0 x 27.0	15.0 x 27.0	15 / 4	16	GP4	85G	480
KS 15/27	86361008	Red	2012	15.0 x 27.0	15.0 x 27.0	15 / 4	16	GP4	85R	480
KS 15/27	86361002	Grey	7040	15.0 x 27.0	15.0 x 27.0	15 / 4	16	GP4	85U	480
49 mm label length for KM 15/49, BT 15/49, BTK 15/49 and BT-SR 15/49										
KS 15/49	86361014	White	9016	15.0 x 49.0	15.0 x 49.0	27 / 4	8	GP4	86	240
KS 15/49	86361015	Yellow	1018	15.0 x 49.0	15.0 x 49.0	27 / 4	8	GP4	86G	240
KS 15/49	86361013	Red	2012	15.0 x 49.0	15.0 x 49.0	27 / 4	8	GP4	86R	240
KS 15/49	86361003	Grey	7040	15.0 x 49.0	15.0 x 49.0	27 / 4	8	GP4	86U	240
Label length 49 mm for BT 15/49, BTK 15/49 and BT-SR 15/49										
KS 15/49 2x2.7mm	86361021	White	9016	15.0 x 49.0	15.0 x 36.0	20 / 4	8	GP4	086	240
67 mm label length for KM 15/67, BT 15/67, BTK 15/67 and BT-SR 15/67										
KS 15/67	86361016	White	9016	15.0 x 67.0	15.0 x 67.0	37 / 4	4	GP4	87	120
KS 15/67	86361017	Yellow	1018	15.0 x 67.0	15.0 x 67.0	37 / 4	4	GP4	87G	120
KS 15/67	86361009	Red	2012	15.0 x 67.0	15.0 x 67.0	37 / 4	4	GP4	87R	120

KS label plate (multi-line) (Continued...)



Type	Order No.	Colour	RAL equiv.	Label size mm (B x A)	Labelling area mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KS 15/67	86361004	Grey	7040	15.0 x 67.0	15.0 x 67.0	37 / 4	4	GP4	87U	120
22 mm label length for Siemens 3SB push-button and signal lamp holders										
KS 22x22	86361264	White	9016	22.0 x 22.0	22.0 x 22.0	12 / 6	8	GP3	113	144
KS 22x22	86361262	Grey	7040	22.0 x 22.0	22.0 x 22.0	12 / 6	8	GP3	114	144
27 mm label length for BT-SR 27x12,5										
KS 27/12.5	86361250	White	9016	12.5 x 27.0	12.5 x 27.0	15 / 3	12	GP3	82	216
KS 27/12.5	86361256	Grey	7040	12.5 x 27.0	12.5 x 27.0	15 / 3	12	GP3	83	216
27 mm label length for BT-SR 27x18 and BT-SR 27x18 Harmony										
KS 27/18	86361252	White	9016	18.0 x 27.0	18.0 x 27.0	15 / 5	10	GP3	105	180
KS 27/18	86361258	Grey	7040	18.0 x 27.0	18.0 x 27.0	15 / 5	10	GP3	89	180
27 mm label length for BT-SR 27x 27										
KS 27/27	86361254	White	9016	27.0 x 27.0	27.0 x 27.0	15 / 7	6	GP3	107	108
KS 27/27	86361260	Grey	7040	27.0 x 27.0	27.0 x 27.0	15 / 7	6	GP3	106	108

KSO label plate



PRODUCT INFORMATION

High-quality, halogen-free, universal label for single-line and multi-line inscriptions.

- Available in various lengths and colours.
- The large printable area at the top provides room to reference individual projects.

The KSO label is mounted on cables, lines or conduits with KT series sleeves or the KM, KMH, KMH/Q carriers.

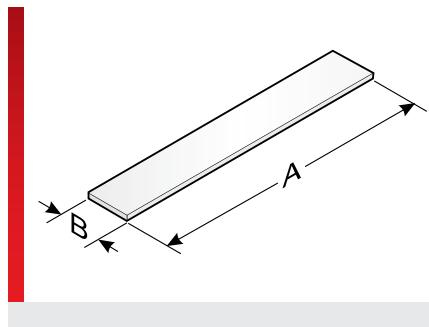
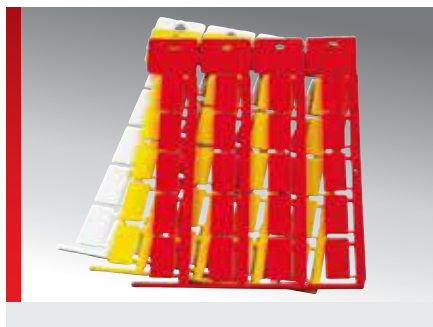
SPECIFICATIONS

- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Single-line and multi-line inscription

HF

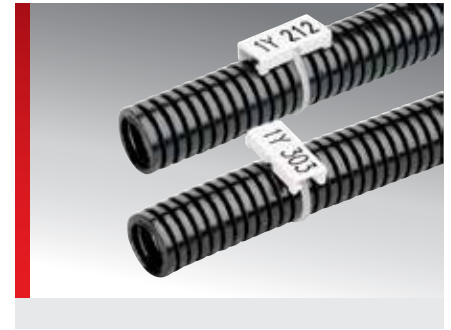
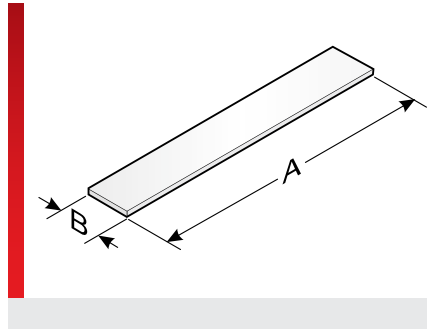
Type	Order No.	Colour	RAL equiv.	Label size mm (B x A)	Labelling area mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
Label length 11 mm										
KSO 11x9	86421024	White	9016	9.0 x 11.0	9.0 x 11.0	6 / 2	44	GP4	60	1400
KSO 11x9	86421013	Yellow	1018	9.0 x 11.0	9.0 x 11.0	6 / 2	44	GP4	60G	1400
KSO 11x9	86421015	Red	2012	9.0 x 11.0	9.0 x 11.0	6 / 2	44	GP4	60R	1400
Label length 15 mm										
KSO 15x9	86421026	White	9016	9.0 x 15.0	9.0 x 15.0	8 / 2	44	GP4	62	1400
KSO 15x9	86421027	Yellow	1018	9.0 x 15.0	9.0 x 15.0	8 / 2	44	GP4	62G	1400
KSO 15x9	86421019	Red	2012	9.0 x 15.0	9.0 x 15.0	8 / 2	44	GP4	62R	1400
Label length 17.5 mm										
KFM 17,5x8	86421071	White	9016	8.0 x 17.5	8.0 x 17.5	9 / 2	24	GP4	550	720
Label length 20 mm										
KSO 20x9	86421028	White	9016	9.0 x 20.0	9.0 x 20.0	11 / 2	20	GP4	64	680
KSO 20x9	86421080	Yellow	1018	9.0 x 20.0	9.0 x 20.0	11 / 2	20	GP4	65G	680
KSO 20x9	86421030	Red	2012	9.0 x 20.0	9.0 x 20.0	11 / 2	20	GP4	65R	680
Label length 20 mm, long mat design										
KSO 20x9L	86421230	White	9016	9.0 x 20.0	9.0 x 20.0	11 / 2	20	GP4	551	640
KSO 20x9L	86421232	Yellow	1018	9.0 x 20.0	9.0 x 20.0	11 / 2	20	GP4	552	640
KSO 20x9L	86421234	Red	2012	9.0 x 20.0	9.0 x 20.0	11 / 2	20	GP4	553	640
Label length 35 mm										
KSO 35x9	86421064	White	9016	9.0 x 35.0	9.0 x 35.0	19 / 2	12	GP4	69W	360

KSO label plate (Continued...)



Type	Order No.	Colour	RAL equiv.	Label size mm (B x A)	Labelling area mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KSO 35x9	86421065	Yellow	1018	9.0 x 35.0	9.0 x 35.0	19 / 2	12	GP4	69G	360
KSO 35x9	86421066	Red	2012	9.0 x 35.0	9.0 x 35.0	19 / 2	12	GP4	69R	360
KSO 35x9 2x2,5mm	86421068	White	9016	9.0 x 35.0	9.0 x 35.0	19 / 2	12	GP4	303	360
Label length 70 mm										
KSO 70x9	86421082	White	9016	9.0 x 70.0	9.0 x 70.0	38 / 2	11	GP5	280	330
KSO 70x9	86421083	Yellow	1018	9.0 x 70.0	9.0 x 70.0	38 / 2	11	GP5	282	330
KSO 70x9	86421084	Red	2012	9.0 x 70.0	9.0 x 70.0	38 / 2	11	GP5	281	330

BS label plate



PRODUCT INFORMATION

High-quality, halogen-free label plate for single-line and multi-line inscription. The BS label is mounted directly with a cable tie.

BS 5 and BS 5-2 are suitable for longitudinal mounting. BS 6 can be mounted lengthways and across.

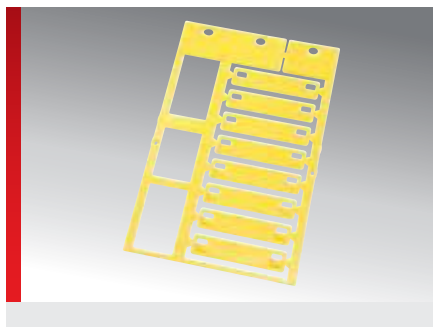
SPECIFICATIONS

- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Single-line and multi-line inscription. Mounted lengthways and crossways.

HF

Type	Order No.	Colour	RAL equiv.	Label size mm (B x A)	Labelling area mm	No. characters/lines	Cable ties max. width mm	No. per frame	Base plate	Software type	Pack qty.
For lengthways affixing (long mat version)											
BS 5L	86281070	White	9016	12.0 x 27.0	12.0 x 27.0	15 / 3	3.00	16	GP4L	80D	192
BS 5L	86281071	Yellow	1018	12.0 x 27.0	12.0 x 27.0	15 / 3	3.00	16	GP4L	80E	192
For lengthways and crossways affixing (long mat version)											
BS 6L	86281076	White	9016	12.0 x 27.0	12.0 x 27.0	15 / 3	3.00	16	GP4L	81A	192
For lengthways affixing											
BS 5	86281020	White	9016	12.0 x 27.0	12.0 x 27.0	15 / 3	3.00	16	none	80	190
BS 5	86281021	Yellow	1018	12.0 x 27.0	12.0 x 27.0	15 / 3	3.00	16	none	109	190
BS 5-2	86281031	Yellow	1018	12.0 x 55.0	12.0 x 55.0	30 / 3	3.00	8	none	108	96
For lengthways or crossways affixing											
BS 6	86281022	White	9016	12.0 x 27.0	12.0 x 27.0	15 / 3	3.00	16	none	81	190

KSM label plate



PRODUCT INFORMATION

High-quality, halogen-free label for subsequent direct labelling of wires.
 The KSM is made of PC material and has been developed for direct and subsequent marking of cables and wires.
 Only cable ties are required for assembly.

SPECIFICATIONS

- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Single-line and multi-line inscription

HF

Type	Order No.	Colour	RAL equiv.	Minimum diameter mm	Label size mm (B x A)	Labelling area mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
For lengthways affixing											
KSM 35x8 PC	86281410	White	9016	5.00	8.0 x 35.0	8.0 x 18.0	10 / 2	16	GP3M	514	320
KSM 35x8 PC	86281420	Yellow	1018	5.00	8.0 x 35.0	8.0 x 18.0	10 / 2	16	GP3M	519	320
KSM 45x10 PC	86281412	White	9016	5.00	10.0 x 45.0	10.0 x 28.0	15 / 2	8	GP3M	515	160
KSM 45x10 PC	86281422	Yellow	1018	5.00	10.0 x 45.0	10.0 x 28.0	15 / 2	8	GP3M	520	160
KSM 55x12 PC	86281414	White	9016	5.00	12.0 x 55.0	12.0 x 38.0	21 / 3	6	GP3M	516	120
KSM 55x12 PC	86281424	Yellow	1018	5.00	12.0 x 55.0	12.0 x 38.0	21 / 3	6	GP3M	521	120
KSM 65x14 PC	86281418	White	9016	5.00	14.0 x 65.0	14.0 x 48.0	26 / 4	6	GP3M	518	120
KSM 65x14 PC	86281428	Yellow	1018	5.00	14.0 x 65.0	14.0 x 48.0	26 / 4	6	GP3M	523	120
KSM 70x10 PC	86281416	White	9016	5.00	10.0 x 70.0	10.0 x 53.0	29 / 2	8	GP3M	517	160
KSM 70x10 PC	86281426	Yellow	1018	5.00	10.0 x 70.0	10.0 x 53.0	29 / 2	8	GP3M	522	160

KSM label plate (Polypropylene)



PRODUCT INFORMATION

High-quality label to attach with cable ties directly onto the cables.
The KSM labels are a product that is used for the subsequent marking of cables.

The material Polypropylene (PP) is intended only for labels created with the MP laser system.

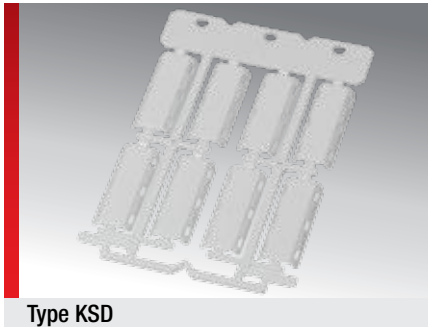
Also available as easily detectable KSM-D labels.

SPECIFICATIONS

- 30 – 90 °C
- Polypropylene (PP)
- HB
- Detectable labels
- Single-line and multi-line inscription

Type	Order No.	Colour	RAL equiv.	Minimum diameter mm	Labelling area mm	No. characters/lines	Cable ties width mm	Cable ties length mm	No. per frame	Base plate	Software	Pack qty.
Labels for longitudinal installation; for labelling with the MP laser system												
KSM 35x8 PP	86281610	White	9016	5.00	8.0 x 18.0	10 / 2			16	GP3M	524	320
KSM 35x8 PP	86281620	Yellow	1018	5.00	8.0 x 18.0	10 / 2			16	GP3M	529	320
KSM 45x10 PP	86281612	White	9016	5.00	10.0 x 28.0	15 / 2			8	GP3M	525	160
KSM 45x10 PP	86281622	Yellow	1018	5.00	10.0 x 28.0	15 / 2			8	GP3M	530	160
KSM 55x12 PP	86281614	White	9016	5.00	12.0 x 38.0	21 / 3			6	GP3M	526	108
KSM 55x12 PP	86281624	Yellow	1018	5.00	12.0 x 38.0	21 / 3			6	GP3M	531	108
KSM 65x14 PP	86281618	White	9016	5.00	14.0 x 48.0	26 / 4			6	GP3M	528	108
KSM 65x14 PP	86281628	Yellow	1018	5.00	14.0 x 48.0	26 / 4			6	GP3M	533	108
KSM 70x10 PP	86281616	White	9016	5.00	10.0 x 53.0	29 / 2			8	GP3M	527	144
KSM 70x10 PP	86281626	Yellow	1018	5.00	10.0 x 53.0	29 / 2			8	GP3M	532	144
Noticeable cable ties for longitudinal installation; for labelling with the MP laser system												
KSM-D 35x8 PP	86281810	Grey	7038	5.00	8.0 x 18.0	10 / 2			16	GP3M	534	320
KSM-D 45x10 PP	86281812	Grey	7038	5.00	10.0 x 28.0	15 / 2			8	GP3M	535	160
KSM-D 55x12 PP	86281814	Grey	7038	5.00	12.0 x 38.0	21 / 3			6	GP3M	536	108
KSM-D 65x14 PP	86281818	Grey	7038	5.00	14.0 x 48.0	26 / 4			6	GP3M	538	108
KSM-D 70x10 PP	86281816	Grey	7038	5.00	10.0 x 53.0	29 / 2			8	GP3M	537	144
Noticeable cable ties												
KB-D 20	88661252	Blue					2.50	100.00				100
KB-D 25	88661256	Blue					3.50	140.00				100
KB-D 55	88661266	Blue					4.50	200.00				100
KB-D 75	88661268	Blue					4.50	280.00				100

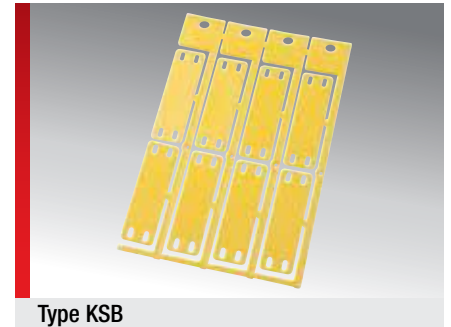
KSD/KSB label plate (Polypropylene)



Type KSD



Type KSD application



Type KSB

PRODUCT INFORMATION

High-quality label to attach with cable ties directly onto the cables.

KSD/KSB label applications

The KSD/KSB label is a product designed for the subsequent marking of cables; it features a low-profile. The low-profile design requires that cable ties must not be tightened with a force higher than (50-60 N / 5-6 kg). Since

the force intensifies considerably at the tongues for these small cable diameters, you must observe the recommended areas of application.

The material Polypropylene (PP) is intended only for labels created with the MP laser system.

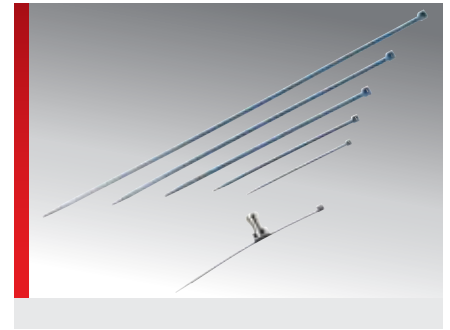
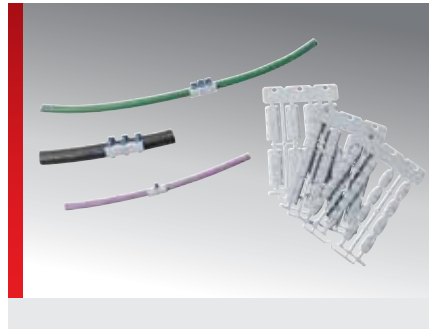
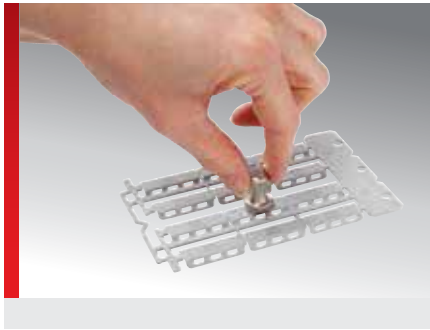
SPECIFICATIONS

- 30 – 90 °C
- Polypropylene (PP)
- HB
- Single-line and multi-line inscription

Type	Order No.	Colour	RAL equiv.	Minimum diameter mm	Label size mm (B x A)	Labelling area mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
For longitudinal installation and labelling with the MP labelling system											
KSD 20x5 PP ¹⁾	86281054	White	9016	5.00	5.0 x 20.0	5.0 x 20.0	11 / 1	16	GP3K	445	480
KSD 30x8 PP ¹⁾	86281052	White	9016	8.00	8.0 x 30.0	8.0 x 30.0	16 / 2	12	GP3K	444	360
KSD 40x10 PP ¹⁾	86281036	White	9016	10.00	10.0 x 40.0	10.0 x 40.0	22 / 2	8	GP3K	271	240
KSD 40x10 PP ¹⁾	86281038	Yellow	1018	10.00	10.0 x 40.0	10.0 x 40.0	22 / 2	8	GP3K	272	240
For longitudinal mounting (long mat version); for labelling with the MP laser system											
KSD 20x5L PP ¹⁾	86281080	White	9016	5.00	5.0 x 20.0	5.0 x 20.0	11 / 1	16	GP3K	501	480
KSD 20x5L PP ¹⁾	86281082	Yellow	1018	5.00	5.0 x 20.0	5.0 x 20.0	11 / 1	16	GP3K	502	480
KSD 30x8L PP ¹⁾	86281086	White	9016	8.00	8.0 x 30.0	8.0 x 30.0	16 / 2	12	GP3K	504	216
KSD 30x8L PP ¹⁾	86281088	Yellow	1018	8.00	8.0 x 30.0	8.0 x 30.0	16 / 2	12	GP3K	505	216
KSD 40x10L PP ¹⁾	86281090	White	9016	10.00	10.0 x 40.0	10.0 x 40.0	22 / 2	8	GP3K	507	240
KSD 40x10L PP ¹⁾	86281092	Yellow	1018	10.00	10.0 x 40.0	10.0 x 40.0	22 / 2	8	GP3K	508	240
Custom variants upon request (for longitudinal installation and labelling with the MP labelling system)											
KSB 52x15 PP ¹⁾	86281210	Yellow	1018	5.00	15.0 x 52.0	15.0 x 40.0	22 / 4	8	GP4	440	240

¹⁾ Label size specifications (B x A) are shown in width x length.

KSD-D Detectable label plate (Polypropylene)



PRODUCT INFORMATION

High-quality detectable label to attach with detectable cable ties directly onto the cables.

KSD label applications

The KSD label is a product designed for the subsequent marking of cables; it features a low-profile. The low-profile design requires that cable ties must not be tightened with a force higher than (50-60 N / 5-6 kg). Since

the force intensifies considerably at the tongues for these small cable diameters, you must observe the recommended areas of application.

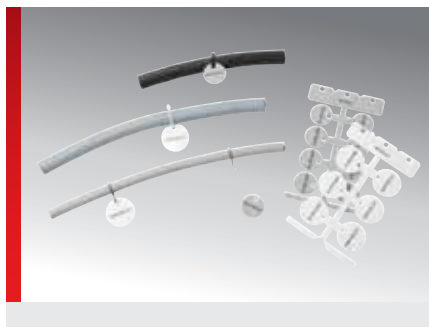
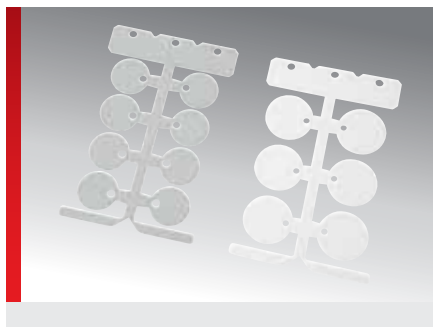
The material Polypropylene (PP) is intended only for labels created with the MP laser system.

SPECIFICATIONS

- 30 – 90 °C
- Polypropylene (PP)
- HB
- Noticeable labels and cable ties
- Single-line and multi-line inscription

Type	Order No.	Colour	RAL equiv.	Minimum diameter mm	Labelling area mm	No. characters/lines	Cable ties width mm	Cable ties length mm	No. per frame	Base plate	Software type	Pack qty.
Noticeable cable ties for longitudinal installation; for labelling with the MP laser system												
KSD-D 20x5 PP	86281066	Grey	7038	5.00	5.0 x 20.0	11 / 1			16	GP3K	483	480
KSD-D 30x8 PP	86281064	Grey	7038	8.00	8.0 x 30.0	16 / 2			12	GP3K	484	360
KSD-D 40x10 PP	86281062	Grey	7038	10.00	10.0 x 40.0	22 / 2			8	GP3K	485	240
Noticeable labels for longitudinal mounting; for labelling with the MP laser system												
KSD-D 20x5L PP	86281083	Grey	7038	5.00	5.0 x 20.0	11 / 1			16	GP3K	503	480
KSD-D 30x8L PP	86281089	Grey	7038	8.00	8.0 x 30.0	16 / 2			12	GP3K	506	216
KSD-D 40x10L PP	86281093	Grey	7038	10.00	10.0 x 40.0	22 / 2			8	GP3K	505	240
Noticeable cable ties												
KB-D 20	88661252	Blue					2.50	100.00				100
KB-D 25	88661256	Blue					3.50	140.00				100
KB-D 55	88661266	Blue					4.50	200.00				100
KB-D 75	88661268	Blue					4.50	280.00				100
KB-D 100	88661270	Blue					4.50	380.00				100

KSR label plate



PRODUCT INFORMATION

High-quality, halogen-free round label plate (PC circular blank) for subsequent labelling of cables, lines and conduits.

Fastened with either a cable tie or the S-hook.

SPECIFICATIONS

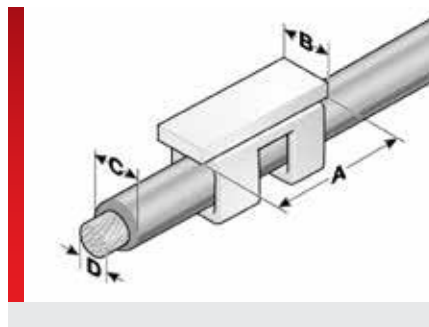
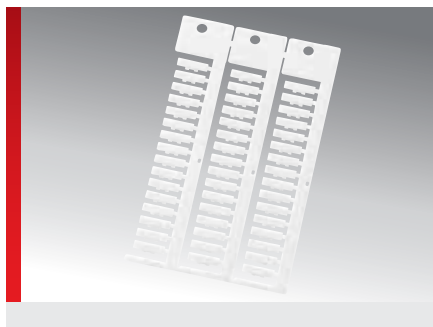
- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Single-line and multi-line inscription

HF

Type	Order No.	Colour	RAL equiv.	Label size Ø mm	Fastening hole Ø mm	Cable ties max. width mm	No. per frame	Base plate	Software type	Pack qty.
Mounting hole 3.5 mm										
KSR D20-3,5	86411210	White	9016	20.00	1x 3,5	2.90	8	GP3	447	120
KSR D20-3,5	86411222	Grey	7038	20.00	1x 3,5	2.90	8	GP3	453	120
KSR D25-3,5	86411214	White	9016	25.00	1x 3,5	2.90	8	GP3	449	120
KSR D25-3,5	86411226	Grey	7038	25.00	1x 3,5	2.90	8	GP3	455	120
KSR D30-3,5	86411218	White	9016	30.00	1x 3,5	2.90	6	GP3	451	90
KSR D30-3,5	86411230	Grey	7038	30.00	1x 3,5	2.90	6	GP3	457	90
Mounting hole 4.2 mm										
KSR D20-4,2	86411212	White	9016	20.00	1x 4,2	3.60	8	GP3	448	120
KSR D20-4,2	86411224	Grey	7038	20.00	1x 4,2	3.60	8	GP3	454	120
KSR D25-4,2	86411216	White	9016	25.00	1x 4,2	3.60	8	GP3	450	120
KSR D25-4,2	86411228	Grey	7038	25.00	1x 4,2	3.60	8	GP3	456	120
KSR D30-4,2	86411220	White	9016	30.00	1x 4,2	3.60	6	GP3	452	90
KSR D30-4,2	86411232	Grey	7038	30.00	1x 4,2	3.60	6	GP3	458	90

The S-hook is listed in Accessories in the ACS catalogue. The correct KB cable ties sizes are listed in Accessories in the KDH catalogue.

KDE label plate



PRODUCT INFORMATION

The KDE label plates are pushed directly onto the single wires.

- For wire cross sections from 0.5 – 4 mm² (AWG 20 – 12).
- Available in two lengths, in the colours white and yellow.

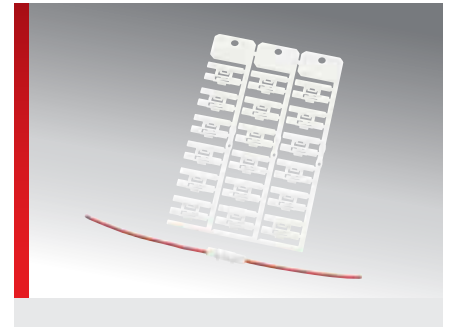
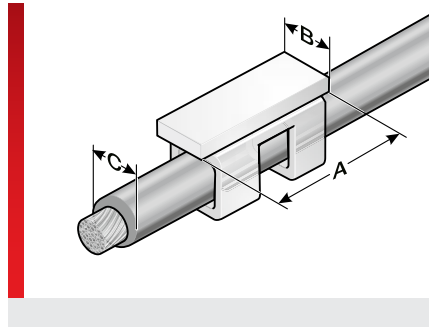
SPECIFICATIONS

- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Single-line inscription. Suitable for use with narrow wire bending radii.

HF

Type	Order No.	Colour	RAL equiv.	Application range from - to Ø mm (C)	Wire cross-section from - to mm ² (D)	Label size mm (B x A)	No. per frame	Base plate	Software type	Pack qty.
Label length 11 mm										
KDE 11x4-3,2	86381240	White	9016	1.7 – 3.2	0.5 – 1.5	4.0 x 11.0	48	GP KDE	A78	576
KDE 11x4-3,2	86381241	Yellow	1018	1.7 – 3.2	0.5 – 1.5	4.0 x 11.0	48	GP KDE	A79	576
KDE 11x4-4,2	86381242	White	9016	2.0 – 4.2	1.0 – 4.0	4.0 x 11.0	48	GP KDE	A80	576
KDE 11x4-4,2	86381243	Yellow	1018	2.0 – 4.2	1.0 – 4.0	4.0 x 11.0	48	GP KDE	A81	576
Label length 16 mm										
KDE 16x4-3,2	86381244	White	9016	1.7 – 3.2	0.5 – 1.5	4.0 x 16.0	48	GP KDE	A82	576
KDE 16x4-3,2	86381245	Yellow	1018	1.7 – 3.2	0.5 – 1.5	4.0 x 16.0	48	GP KDE	A83	576
KDE 16x4-4,2	86381246	White	9016	2.0 – 4.2	1.0 – 4.0	4.0 x 16.0	48	GP KDE	A84	576
KDE 16x4-4,2	86381247	Yellow	1018	2.0 – 4.2	1.0 – 4.0	4.0 x 16.0	48	GP KDE	A85	576

KNC label plate



PRODUCT INFORMATION

High-quality, halogen-free label for subsequent direct labelling of wires. The KNC is made of PC material and has been developed for direct and subsequent marking of cables and wires. No tools required.

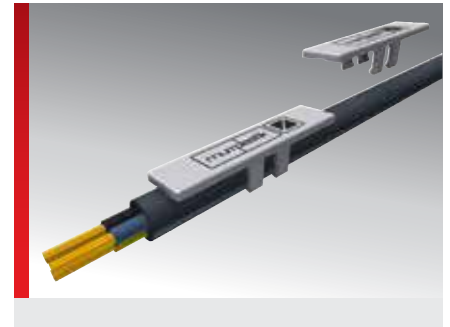
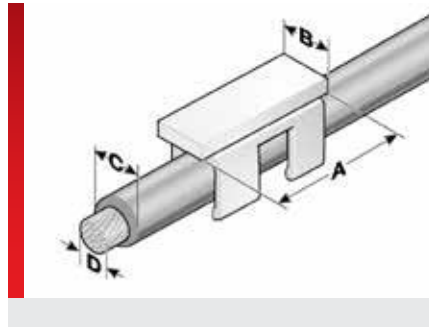
Available in three sizes for diameter of 2,0 – 5,1 mm.

SPECIFICATIONS

- 40 – 130 °C
 - Polycarbonate (PC)
 - V0
- HF

Type	Order No.	Colour	Application range from - to Ø mm (C)	Label size mm (B x A)	Labelling area mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
For cable diameters of 2.0 mm to 3.1 mm										
KNC 4,0/12-2,0	86381912	White	2.0 – 3.1	4.0 x 12.0	4.0 x 12.0	6 / 1	18	GP3C	C00	234
KNC 4,0/12-2,0	86381942	Yellow	2.0 – 3.1	4.0 x 12.0	4.0 x 12.0	6 / 1	18	GP3C	C01	234
KNC 4,0/18-2,0	86381914	White	2.0 – 3.1	4.0 x 18.0	4.0 x 18.0	10 / 1	18	GP3C	C02	234
KNC 4,0/18-2,0	86381944	Yellow	2.0 – 3.1	4.0 x 18.0	4.0 x 18.0	10 / 1	18	GP3C	C03	234
KNC 4,0/23-2,0	86381916	White	2.0 – 3.1	4.0 x 23.0	4.0 x 23.0	12 / 1	18	GP3C	C04	234
KNC 4,0/23-2,0	86381946	Yellow	2.0 – 3.1	4.0 x 23.0	4.0 x 23.0	12 / 1	18	GP3C	C05	234
For cable diameters of 3.0 mm to 4.1 mm										
KNC 4,8/12-3,0	86381922	White	3.0 – 4.1	4.8 x 12.0	4.8 x 12.0	6 / 1	18	GP3C	C06	234
KNC 4,8/12-3,0	86381952	Yellow	3.0 – 4.1	4.8 x 12.0	4.8 x 12.0	6 / 1	18	GP3C	C07	234
KNC 4,8/18-3,0	86381924	White	3.0 – 4.1	4.8 x 18.0	4.8 x 18.0	10 / 1	18	GP3C	C08	234
KNC 4,8/18-3,0	86381954	Yellow	3.0 – 4.1	4.8 x 18.0	4.8 x 18.0	10 / 1	18	GP3C	C09	234
KNC 4,8/23-3,0	86381926	White	3.0 – 4.1	4.8 x 23.0	4.8 x 23.0	12 / 1	18	GP3C	C10	234
KNC 4,8/23-3,0	86381956	Yellow	3.0 – 4.1	4.8 x 23.0	4.8 x 23.0	12 / 1	18	GP3C	C11	234
For cable diameters of 4.0 mm to 5.1 mm										
KNC 5,5/12-4,0	86381932	White	4.0 – 5.1	5.5 x 12.0	5.5 x 12.0	6 / 1	18	GP3C	C12	234
KNC 5,5/12-4,0	86381962	Yellow	4.0 – 5.1	5.5 x 12.0	5.5 x 12.0	6 / 1	18	GP3C	C13	234
KNC 5,5/18-4,0	86381934	White	4.0 – 5.1	5.5 x 18.0	5.5 x 18.0	10 / 1	18	GP3C	C14	234
KNC 5,5/18-4,0	86381964	Yellow	4.0 – 5.1	5.5 x 18.0	5.5 x 18.0	10 / 1	18	GP3C	C15	234
KNC 5,5/23-4,0	86381936	White	4.0 – 5.1	5.5 x 23.0	5.5 x 23.0	12 / 1	18	GP3C	C16	234
KNC 5,5/23-4,0	86381966	Yellow	4.0 – 5.1	5.5 x 23.0	5.5 x 23.0	12 / 1	18	GP3C	C17	234

KNQ label plate



PRODUCT INFORMATION

High-quality, halogen-free label for subsequent direct labelling of wires. The KNQ label can be clipped onto wired single cores by hand without prior disconnection. No tools required.

Available in three sizes for wire cross-sections of 0.5 - 6 mm².

SPECIFICATIONS

- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Single-line inscription
Retrofitting.

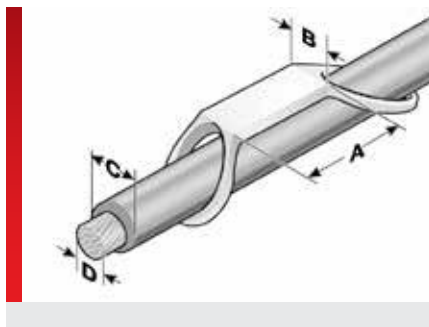


Type	Order No.	Colour	RAL equiv.	Application range from - to Ø mm (C)	Wire cross-section from - to mm ² (D)	Label size mm (B x A)	Labelling area mm	No. characters/lines	No. per frame	Base plate	Soft-ware type	Pack qty.
KNQ 3,8/12-2,0	86381810	White	9016	2.0 – 2.6	0.5 – 0.75	3.8 x 12.0	3.8 x 12.0	6 / 1	48	GP3Q	400	720
KNQ 3,8/18-2,0	86381812	White	9016	2.0 – 2.6	0.5 – 0.75	3.8 x 18.0	3.8 x 18.0	10 / 1	48	GP3Q	401	720
KNQ 3,8/23-2,0	86381814	White	9016	2.0 – 2.6	0.5 – 0.75	3.8 x 23.0	3.8 x 23.0	12 / 1	48	GP3Q	402	720
KNQ 3,8/12-2,5	86381820	White	9016	2.5 – 3.1	0.75 – 1.5	3.8 x 12.0	3.8 x 12.0	6 / 1	48	GP3Q	403	720
KNQ 3,8/18-2,5	86381822	White	9016	2.5 – 3.1	0.75 – 1.5	3.8 x 18.0	3.8 x 18.0	10 / 1	48	GP3Q	404	720
KNQ 3,8/23-2,5	86381824	White	9016	2.5 – 3.1	0.75 – 1.5	3.8 x 23.0	3.8 x 23.0	12 / 1	48	GP3Q	405	720
KNQ 4,8/12-3,0	86381830	White	9016	3.0 – 3.6	1.5 – 2.5	4.8 x 12.0	4.8 x 12.0	6 / 1	48	GP3Q	406	720
KNQ 4,8/18-3,0	86381832	White	9016	3.0 – 3.6	1.5 – 2.5	4.8 x 18.0	4.8 x 18.0	10 / 1	48	GP3Q	407	720
KNQ 4,8/23-3,0	86381834	White	9016	3.0 – 3.6	1.5 – 2.5	4.8 x 23.0	4.8 x 23.0	12 / 1	48	GP3Q	408	720
KNQ 4,8/12-3,5	86381840	White	9016	3.5 – 4.3	2.5 – 4.0	4.8 x 12.0	4.8 x 12.0	6 / 1	48	GP3Q	409	720
KNQ 4,8/18-3,5	86381842	White	9016	3.5 – 4.3	2.5 – 4.0	4.8 x 18.0	4.8 x 18.0	10 / 1	48	GP3Q	410	720
KNQ 4,8/23-3,5	86381844	White	9016	3.5 – 4.3	2.5 – 4.0	4.8 x 23.0	4.8 x 23.0	12 / 1	48	GP3Q	411	720
KNQ 5,5/12-4,2	86381850	White	9016	4.2 – 5.1	4.0 – 6.0	5.5 x 12.0	5.5 x 12.0	6 / 1	48	GP3Q	412	720
KNQ 5,5/18-4,2	86381852	White	9016	4.2 – 5.1	4.0 – 6.0	5.5 x 18.0	5.5 x 18.0	10 / 1	48	GP3Q	413	720
KNQ 5,5/23-4,2	86381854	White	9016	4.2 – 5.1	4.0 – 6.0	5.5 x 23.0	5.5 x 23.0	12 / 1	48	GP3Q	414	720

KNQ assembly tools

MW-KNQ 3,8 assembly tools	86381620	Red										1
MW-KNQ 4,8 assembly tools	86381622	Red										1
MW-KNQ 5,5 assembly tools	86381624	Red										1

KSE label plate



PRODUCT INFORMATION

The KSE label plates are pushed directly onto the single wires.

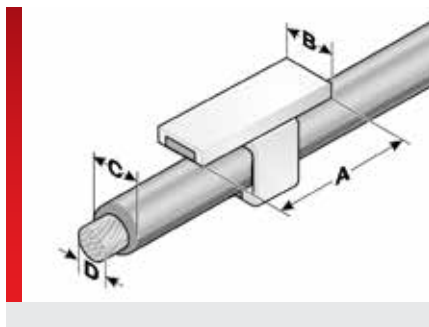
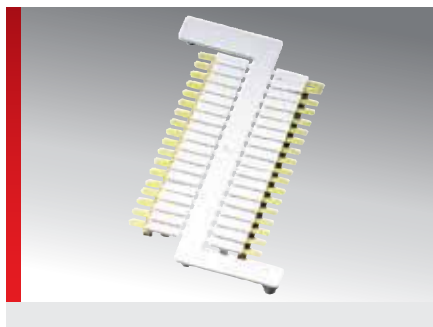
- Two sizes cover the wire cross sections from 0.25 – 1.5 mm².
- Available in white.

SPECIFICATIONS

- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Single-line inscription

Type	Order No.	Colour	RAL equiv.	Application range from - to Ø mm (C)	Wire cross-section from - to mm ² (D)	Label size mm (B x A)	Labelling area mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
Usable label length 10 mm												
KSE 4/10-0.75	86381010	White	9016	1.5 – 2.5	0.25 – 0.75	6.0 x 18.0	4.0 x 10.0	5 / 1	60	GRPD/10	92	1500
KSE 4/10-1.5	86381012	White	9016	2.5 – 3.0	0.75 – 1.5	6.0 x 18.0	4.0 x 10.0	5 / 1	60	GRPD/10	93	1500
Usable label length 18 mm												
KSE 4/18-1.5	86381014	White	9016	2.5 – 3.0	0.75 – 1.5	6.0 x 26.0	4.0 x 18.0	10 / 1	40	GRPD/18	94	1000

KSN label plate



PRODUCT INFORMATION

High-quality, halogen-free label for subsequent direct labelling of wires. The KSN label can be attached to wired single cores without disconnecting them.

They can be fitted easily and quickly with the MW1 assembly tool.

- Available in three sizes for wire cross-sections of 0.5 - 2.5 mm².

SPECIFICATIONS

- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Single-line inscription Retrofitting.



Type	Order No.	Colour	RAL equiv.	Application range from - to Ø mm (C)	Wire cross-section from - to mm ² (D)	Label size mm (B x A)	Labelling area mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KSN-A	86381410	White	9016	2.1 – 2.5	0.5 – 0.75	5.0 x 14.0	5.0 x 14.0	7 / 1	36	none	12	360
KSN-B	86381412	White	9016	2.6 – 3.0	1.0 – 1.5	5.0 x 14.0	5.0 x 14.0	7 / 1	36	none	13	360
KSN-C	86381414	White	9016	3.0 – 3.7	1.75 – 2.5	5.0 x 14.0	5.0 x 14.0	7 / 1	36	none	14	360

KSN sample set, consisting of 1 each of KSN frame, MW1 installation tools and MPKSN mounting plate

KSN sample set	86391010	Material-typical										1
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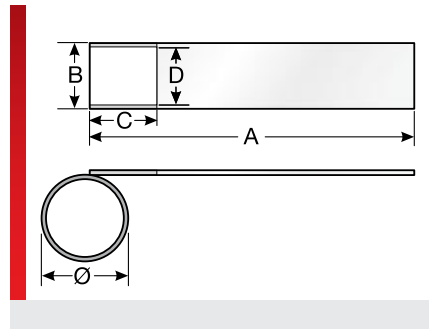
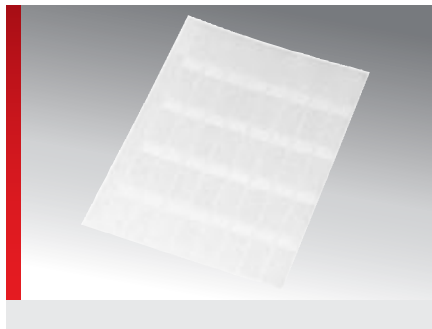
Assembly tool

MW 1	86381610	Material-typical										1
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Mounting plate

MPKSN	86381612	Material-typical										1
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ESL self-laminating label



PRODUCT INFORMATION

Self-laminating, high-quality polyester sheet labels for single-line and multi-line inscriptions. The transparent extension strip sticks over the printable area and keeps the inscription clean and intact. The grid system allows direct removal of each label.

SPECIFICATIONS

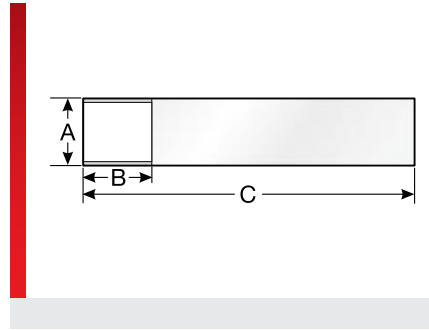
- 40 – 150 °C
 - Polyester film
 - V0
 - Single-line and multi-line inscription.
A4 sheets
-

Type	Order No.	Colour	RAL equiv.	Label size mm (B x A)	Printable area mm (D x C)	No. of columns	No. per sheet	Software type	Pack qty.
ESL 20x12R ¹⁾	86562450	White	9016	12.0 x 20.0	12.0 x 7.0	13	156	126	1560
ESL 35x17R ¹⁾	86562452	White	9016	17.0 x 35.0	17.0 x 9.0	10	70	124	1400
ESL 56x21R ¹⁾	86562454	White	9016	21.0 x 56.0	21.0 x 13.0	8	32	113	800
ESL 56x21R ¹⁾	86562460	Yellow	1018	21.0 x 56.0	21.0 x 13.0	8	32	A41	800
ESL 93x31R ¹⁾	86562456	White	9016	31.0 x 93.0	31.0 x 25.0	5	15	127	300
ESL 140x47R ¹⁾	86562458	White	9016	47.0 x 140.0	47.0 x 30.0	4	8	125	200

Please note: Labels processed at min. 10°C

¹⁾ Calculation of the maximum application areas: $\emptyset = (A-C) / 3,14$

TES – self-laminating cable tag



PRODUCT INFORMATION

These self-laminating cable tags are ideal for labelling cables, lines and wiring. They provide a printable, coloured field on the upper edge and can be removed easily from the backing paper after printing. As an additional protection from external environmental factors, the lettering is wrapped with self-adhesive laminate.

In addition, the backing paper is printed with precisely-dimensioned stripes for optimum sensor detection. The special film is only 0.05 mm thick and is highly flexible and supple. This ensures that the cable tag will






not peel back up, even when used for cables with small diameters. The high-transparency laminate ensures the printed lettering remains easy to read.

TES - Self-laminating cable markers are suitable for

- wire and cable labelling

Suitable for use with pavonis thermal transfer printers and the mp-TM series (with external unwinder).

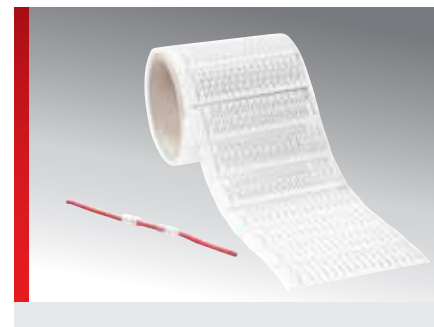
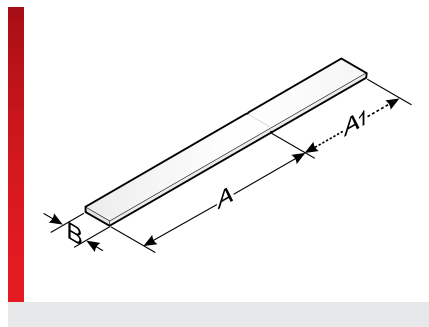
SPECIFICATIONS

	-20 – 80 °C
	Polyester film
	Label rail with thermal transfer printer Roll core diameter 1 inch
	

Type	Order No.	Colour	Label size mm (A x B)	Holder length mm (C)	Roll width mm	Recommended colour ribbon	Software type	Pack qty.
TES 14x6x22 ¹⁾	86498101	White	14.0 x 6.0	22.00	102.00	FHW 110mm x 300m	N46	14000
TES 20x8x32 ¹⁾	86498102	White	20.0 x 8.0	32.00	104.00	FHW 110mm x 300m	N47	10000
TES 20x8x32 ¹⁾	86498302	Yellow	20.0 x 8.0	32.00	104.00	FHW 110mm x 300m	047	10000
TES 25x13x43 ¹⁾	86498104	White	25.0 x 13.0	43.00	104.00	FHW 110mm x 300m	N49	6000
TES 25x13x43 ¹⁾	86498304	Yellow	25.0 x 13.0	43.00	104.00	FHW 110mm x 300m	049	6000
TES 25x14x35 ¹⁾	86498103	White	25.0 x 14.0	35.00	104.00	FHW 110mm x 300m	N48	10000
TES 25x17x70 ¹⁾	86498105	White	25.0 x 17.0	70.00	105.00	FHW 110mm x 300m	N50	4000
TES 25x17x70 ¹⁾	86498305	Yellow	25.0 x 17.0	70.00	105.00	FHW 110mm x 300m	050	4000
TES 25x25x70 ¹⁾	86498106	White	25.0 x 25.0	70.00	105.00	FHW 110mm x 300m	N51	4000
TES 34x17x70 ¹⁾	86498107	White	34.0 x 17.0	70.00	105.00	FHW 110mm x 300m	N52	3000
TES 34x26x100 ¹⁾	86498108	White	34.0 x 26.0	100.00	106.00	FHW 110mm x 300m	N53	2000
TES 34x26x100 ¹⁾	86498308	Yellow	34.0 x 26.0	100.00	106.00	FHW 110mm x 300m	053	2000
TES 34x32x150 ¹⁾	86498109	White	34.0 x 32.0	150.00	106.00	FHW 110mm x 300m	N54	2000
TES 34x32x150 ¹⁾	86498309	Yellow	34.0 x 32.0	150.00	106.00	FHW 110mm x 300m	054	2000

¹⁾ Calculation of the maximum application areas: $\emptyset = (A-C) / 3,14$

KCE-ECO single wire labelling



PRODUCT INFORMATION

The KCE-ECO label plates are made of PE composite material on a transparent carrier film and a 3" core; they can be used as an alternative to the PC labels in the KS series.

Each of the individual labels is 4 mm wide and available in lengths of 12 mm, 18 mm, 23 mm or 30 mm.

In addition to the label length, there is a

10 mm section for bending, which can also be used to print additional information.

The plate is bent by 180° at the bending point and pushed into the sleeve, where it is then held in place by bracing.

Suitable for mp-TM series thermal transfer printers.

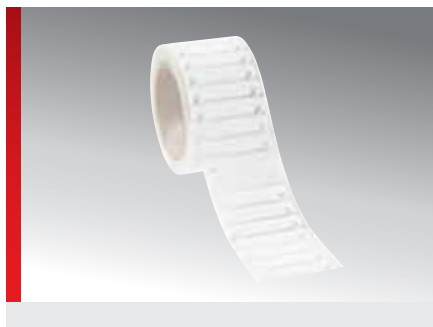
SPECIFICATIONS

- 40 – 90 °C
- Polyethylene (PE)
- Can be inscribed with thermal transfer printer, 3 in roll core diameter
Primarily for inside use
- High tensile strength and tear resistance
In compliance with the requirements of REACH and RoHS



Type	Order No.	Colour	Label size Length x width mm	Roll width mm	Recommended colour ribbon	Software type	Pack qty.
KCE-ECO 4x12	86513000	White	12.0 x 4.0	104.00	FB-TM 110 mm x 300 m	QA0	10000
KCE-ECO 4x18	86513001	White	18.0 x 4.0	104.00	FB-TM 110 mm x 300 m	QA1	10000
KCE-ECO 4x23	86513002	White	23.0 x 4.0	104.00	FB-TM 110 mm x 300 m	QA2	10000
KCE-ECO 4x30	86513003	White	30.0 x 4.0	104.00	FB-TM 110 mm x 300 m	QA3	10000

KCM-ECO manual cable labelling



PRODUCT INFORMATION

The KCM-ECO label plates are made of PE composite material on a transparent carrier film and a 3" core. The KCM-ECO plates are used for subsequent labelling of cables and thicker wires with labels and cable ties.

The special feature of the KCM-ECO label plates is the eyelet open on one side for faster feed-through of the cable tie. The cable tie only has to be threaded in on one side.

KCM-ECO label plates for subsequent manual cable labelling are available in sizes 60x12 mm and 75x15 mm in white or yellow.

Suitable for mp-TM series thermal transfer printers.

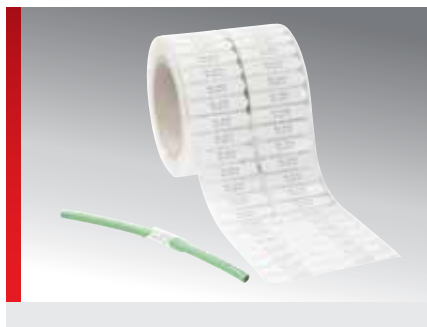
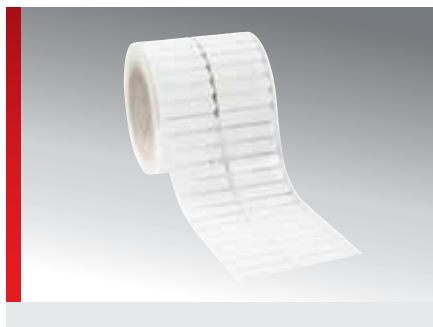
SPECIFICATIONS

- 40 – 90 °C
- Polyethylene (PE)
- Can be inscribed with thermal transfer printer, 3 in roll core diameter
Primarily for inside use
- High tensile strength and tear resistance
In compliance with the requirements of REACH and RoHS



Type	Order No.	Colour	Label size Length x width mm	Roll width mm	Recommended colour ribbon	Software type	Pack qty.
KCM-ECO 60x12	86513301	White	60.0 x 12.0	66.00	FB-TM 110 mm x 300 m	QE1	1000
KCM-ECO 60x12	86513351	Yellow	60.0 x 12.0	66.00	FB-TM 110 mm x 300 m	QE6	1000
KCM-ECO 75x15	86513300	White	75.0 x 15.0	81.00	FB-TM 110 mm x 300 m	QE0	1000
KCM-ECO 75x15	86513350	Yellow	75.0 x 15.0	81.00	FB-TM 110 mm x 300 m	QE5	1000

KCL-ECO cable labelling







PRODUCT INFORMATION

The KCL-ECO label plates are made of PE composite material on a transparent carrier film and a 3" core; they are used for direct wire and cable labelling.

KCL-ECO label plates for wire and cable labelling are available in various sizes for cable diameters of 0.75 mm to 7 mm in white or yellow.

Suitable for mp-TM series thermal transfer printers.

SPECIFICATIONS

-  -40 – 90 °C
-  Polyethylene (PE)
-  Can be inscribed with thermal transfer printer, 3 in roll core diameter
Primarily for inside use
-  High tensile strength and tear resistance
In compliance with the requirements of REACH and RoHS



Type	Order No.	Colour	Label size Length x width mm	Area of application from - to Ø mm	Roll width mm	Recommended colour ribbon	Software type	Pack qty.
KCL-ECO 28x5.5	86513400	White	28.0 x 5.5	0.75 – 2.4	96.00	FB-TM 110 mm x 300 m	QF0	3000
KCL-ECO 28x5.5	86513450	Yellow	28.0 x 5.5	0.75 – 2.4	96.00	FB-TM 110 mm x 300 m	QG0	3000
KCL-ECO 34x6.5	86513401	White	34.0 x 6.5	2.0 – 3.5	77.00	FB-TM 110 mm x 300 m	QF1	3000
KCL-ECO 34x6.5	86513451	Yellow	34.0 x 6.5	2.0 – 3.5	77.00	FB-TM 110 mm x 300 m	QG1	3000
KCL-ECO 38x7.5	86513402	White	38.0 x 7.5	3.0 – 4.5	85.00	FB-TM 110 mm x 300 m	QF2	3000
KCL-ECO 38x7.5	86513452	Yellow	38.0 x 7.5	3.0 – 4.5	85.00	FB-TM 110 mm x 300 m	QG2	3000
KCL-ECO 39x8.5	86513403	White	39.0 x 8.5	4.0 – 5.5	87.00	FB-TM 110 mm x 300 m	QF3	3000
KCL-ECO 39x8.5	86513453	Yellow	39.0 x 8.5	4.0 – 5.5	87.00	FB-TM 110 mm x 300 m	QG3	3000
KCL-ECO 47x10	86513404	White	47.0 x 10.0	5.0 – 7.0	103.00	FB-TM 110 mm x 300 m	QF4	3000
KCL-ECO 47x10	86513454	Yellow	47.0 x 10.0	5.0 – 7.0	103.00	FB-TM 110 mm x 300 m	QG4	3000

KCB-ECO cable tie labelling







PRODUCT INFORMATION

The KCB-ECO label plates are made of PE composite material on a transparent carrier film and a 3" core; they are used for subsequent labelling of wires and cables with diameters starting at 7 mm.

KCB-ECO label plates are available in sizes 23.5x19 mm and 35x26 mm in white or yellow. Fastened with cable ties.

Suitable for mp-TM series thermal transfer printers.

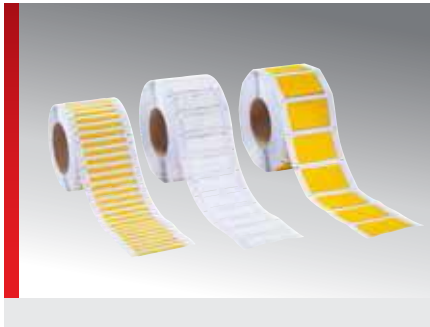
SPECIFICATIONS

-  -40 – 90 °C
-  Polyethylene (PE)
-  Can be inscribed with thermal transfer printer, 3 in roll core diameter
Primarily for inside use
-  High tensile strength and tear resistance
In compliance with the requirements of REACH and RoHS



Type	Order No.	Colour	Label size Length x width mm	Roll width mm	Recommended colour ribbon	Software type	Pack qty.
KCB-ECO 23.5x19	86513500	White	23.5 x 19.0	82.50	FB-TM 110 mm x 300 m	QH0	2000
KCB-ECO 23.5x19	86513550	Yellow	23.5 x 19.0	82.50	FB-TM 110 mm x 300 m	QI0	2000
KCB-ECO 35x26	86513501	White	35.0 x 26.0	79.00	FB-TM 110 mm x 300 m	QH1	2000
KCB-ECO 35x26	86513551	Yellow	35.0 x 26.0	79.00	FB-TM 110 mm x 300 m	QI1	2000

ST-BT-H Rail technology, taped



PRODUCT INFORMATION

Polyolefine (PO) heat-shrink conduit, type ST-BT-H

Halogen-free Polyolefine heat-shrink conduit for labelling cables with excellent properties for use with the thermal transfer method. This conduit, with its special approvals, is particularly suitable for applications in the fields of air and rail transport, marine, off-shore and tunnel construction.

The pre-perforated ST-BT-H 20/12 heat-shrink conduit is divided into a 20 mm long section for cable identification and a 12 mm long section, which contains information to simplify wiring the circuits. This section can be discarded after the circuit is wired. This method helps to significantly reduce the processing time

Properties

- Excellent printing properties
- Flat-rolled for thermal transfer method printing
- Halogen-free, thin-walled
- Shrink ratio of 2:1 (the recommended shrink range is -20 % of the max. value and +20 % of the min. value)

- Vehicle category 1a according to BS 6853 (1999)
- Fire resistance ASTM D 635-HB
- Shrink temperature >90°C
- Application temperature -55°C to +105°C

Standards

ASTM D 635-HB flammability
Boeing BSS 7239, formation of toxic gases during M7 material incineration





Rail standards

EN 45545-2 Tier 3x HL3 (R22)
BS6853 (1999) vehicle category 1a
UNI CEI 11170-3 Tier LR4
DIN 5510-2 Annex C Low Smoke Toxicity
DIN 5510-2 Drip Class ST2
DIN 5510-2 Smoke Formation Tier SR2

Colour ribbon

The matching colour ribbon is listed under "Labelling System" in the "Thermal Transfer System" section with "Consumables".

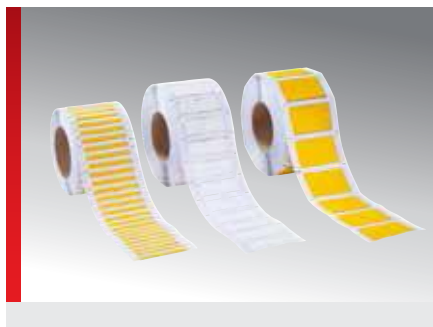
SPECIFICATIONS

	-55 – 105 °C
	Polyolefin
	ASTM D 635-HB
	Heat-shrink conduit for railway technology; meets railway standard EN 45545-2 Tier 3x HL3 (R22)



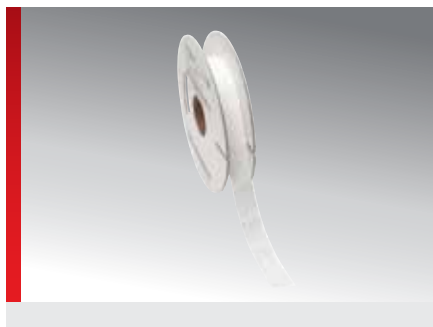
Type	Order No.	Colour	Marker length mm	Flat area mm	Max. wire cross section mm	Shrinkage area from - to Ø mm	Recommended colour ribbon	Software type	Pack qty.
Railway technology, taped, marking length 20 mm, with 12 mm printable info section									
ST-BT-H 20/12-3,2	86531100	White	20.00	6.20	3.20	3.2 – 1.6	FB-BT 80mm x 300m	A70	2000
ST-BT-H 20/12-3,2	86532100	Yellow	20.00	6.20	3.20	3.2 – 1.6	FB-BT 80mm x 300m	A74	2000
ST-BT-H 20/12-4,8	86531101	White	20.00	8.50	4.80	4.8 – 2.4	FB-BT 80mm x 300m	A71	2000
ST-BT-H 20/12-4,8	86532101	Yellow	20.00	8.50	4.80	4.8 – 2.4	FB-BT 80mm x 300m	A75	2000
ST-BT-H 20/12-12,7	86531102	White	20.00	20.90	12.70	12.7 – 6.4	FB-BT 80mm x 300m	A72	1000
ST-BT-H 20/12-12,7	86532102	Yellow	20.00	20.90	12.70	12.7 – 6.4	FB-BT 80mm x 300m	A76	1000
ST-BT-H 20/12-25,4	86531103	White	20.00	40.50	25.40	25.4 – 12.7	FB-BT 80mm x 300m	A73	600
ST-BT-H 20/12-25,4	86532103	Yellow	20.00	40.50	25.40	25.4 – 12.7	FB-BT 80mm x 300m	A77	600
Railway technology, taped, marking length 20 mm, with 12 mm printable info section (maxi-size roll)									
ST-BT-H 20/12-3,2	86531000	White	20.00	6.20	3.20	3.2 – 1.6	FB-BT 80mm x 300m	A70	20000
ST-BT-H 20/12-3,2	86532000	Yellow	20.00	6.20	3.20	3.2 – 1.6	FB-BT 80mm x 300m	A74	20000

ST-BT-H Rail technology, taped (Continued...)



Type	Order No.	Colour	Marker length mm	Flat area mm	Max. wire cross section mm	Shrinkage area from - to Ø mm	Recommended colour ribbon	Software type	Pack qty.
ST-BT-H 20/12-4,8	86531001	White	20.00	8.50	4.80	4.8 – 2.4	FB-BT 80mm x 300m	A71	20000
ST-BT-H 20/12-4,8	86532001	Yellow	20.00	8.50	4.80	4.8 – 2.4	FB-BT 80mm x 300m	A75	20000
ST-BT-H 20/12-12,7	86531002	White	20.00	20.90	12.70	12.7 – 6.4	FB-BT 80mm x 300m	A72	6000
ST-BT-H 20/12-12,7	86532002	Yellow	20.00	20.90	12.70	12.7 – 6.4	FB-BT 80mm x 300m	A76	6000
ST-BT-H 20/12-25,4	86531003	White	20.00	40.50	25.40	25.4 – 12.7	FB-BT 80mm x 300m	A73	4000
ST-BT-H 20/12-25,4	86532003	Yellow	20.00	40.50	25.40	25.4 – 12.7	FB-BT 80mm x 300m	A77	4000
Rail technology, taped, marker length 32 mm									
ST-BT-H 32-3,2	86531150	White	32.00	6.20	3.20	3.2 – 1.6	FB-BT 80mm x 300m	A78	2000
ST-BT-H 32-3,2	86532150	Yellow	32.00	6.20	3.20	3.2 – 1.6	FB-BT 80mm x 300m	A82	2000
ST-BT-H 32-4,8	86531151	White	32.00	8.50	4.80	4.8 – 2.4	FB-BT 80mm x 300m	A79	2000
ST-BT-H 32-4,8	86532151	Yellow	32.00	8.50	4.80	4.8 – 2.4	FB-BT 80mm x 300m	A83	2000
ST-BT-H 32-12,7	86531152	White	32.00	20.90	12.70	12.7 – 6.4	FB-BT 80mm x 300m	A80	1000
ST-BT-H 32-12,7	86532152	Yellow	32.00	20.90	12.70	12.7 – 6.4	FB-BT 80mm x 300m	A84	1000
ST-BT-H 32-25,4	86531153	White	32.00	40.50	25.40	25.4 – 12.7	FB-BT 80mm x 300m	A81	600
ST-BT-H 32-25,4	86532153	Yellow	32.00	40.50	25.40	25.4 – 12.7	FB-BT 80mm x 300m	A85	600

ST-BT-H rail technology, continuous



PRODUCT INFORMATION

Polyolefine (PO) heat-shrink conduit, type ST-BT-H Continuous

Halogen-free Polyolefine heat-shrink conduit for labelling cables with excellent properties for use with the thermal transfer method. This conduit, with its special approvals, is particularly suitable for applications in the fields of air and rail transport, marine, off-shore and tunnel construction.

Properties

- Excellent printing properties
- Flat-rolled for thermal transfer method printing
- Halogen-free, thin-walled
- Shrink ratio of 2:1 (the recommended shrink range is -20 % of the max. value and +20 % of the min. value)
- Vehicle category 1a according to BS 6853 (1999)
- Fire resistance ASTM D 635-HB

- Shrink temperature >90°C
- Application temperature -55°C to +105°C

Standards

ASTM D 635-HB flammability
Boeing BSS 7239, formation of toxic gases during M7 material incineration

Rail standards

EN 45545-2 Tier 3x HL3 (R22)
BS6853 (1999) vehicle category 1a
UNI CEI 11170-3 Tier LR4
DIN 5510-2 Annex C Low Smoke Toxicity
DIN 5510-2 Drip Class ST2
DIN 5510-2 Smoke Formation Tier SR2

Colour ribbon

The matching colour ribbon is listed under "Labelling System" in the "Thermal Transfer System" section with "Consumables".

SPECIFICATIONS

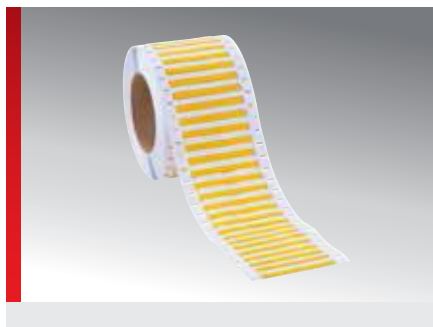
- 55 – 105 °C
- Polyolefin
- ASTM D 635-HB
- Heat-shrink conduit for railway technology; meets railway standard EN 45545-2 Tier 3x HL3 (R22)

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Type	Order No.	Colour	Flat area mm	Max. wire cross section mm	Shrinkage area from - to Ø mm	Recommended colour ribbon	Software type	Pack qty.
Continuous roll ware; 22 m roll¹⁾								
ST-BT-H 2,4 - 22m ¹⁾	86533300	White	4.20	2.40	2.4 – 1.2	FB-BT 40mm x 300m	AB7	22
ST-BT-H 3,2 - 22m ¹⁾	86533301	White	6.20	3.20	3.2 – 1.6	FB-BT 40mm x 300m	AB8	22
ST-BT-H 4,8 - 22m ¹⁾	86533302	White	8.50	4.80	4.8 – 2.4	FB-BT 40mm x 300m	AB0	22

¹⁾Information about packaging unit = roll length (m)

ST-ECO taped



PRODUCT INFORMATION

Polyolefine (PO) heat-shrink conduit, type ST-ECO

Flat, thin-walled heat-shrink conduit.

Flame retardant i.a.w. UL224. Shrink ratio 3:1
Particularly well-suited for use in labelling and identification.

Properties

- Excellent printing results
- Very good chemical, physical and electrical properties
- Greatly flame retardant in accordance with UL224
- Ready to use with thermal transfer printers







- Shrink ratio of 3:1 (the recommended shrink range is -20 % of the max. value and +20 % of the min. value)
- Shrink temperature >90°C
- Application temperature -55°C to +135°C

Standard colours: White, yellow
Available upon request: Blue, red, green

Colour ribbon

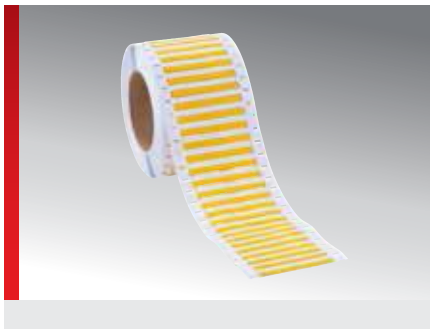
The matching colour ribbon is listed under "Labelling System" in the "Thermal Transfer System" section with "Consumables".

SPECIFICATIONS

	-55 – 135 °C
	Polyolefin
	Highly flame retardant in accordance with UL 224/CSA
	Taped ECO heat-shrink conduits
	

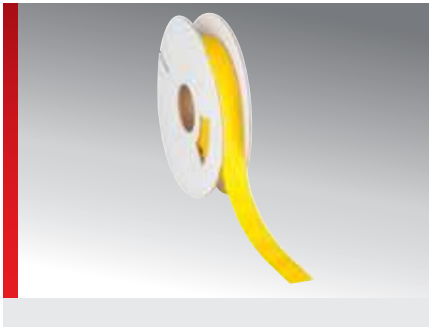
Type	Order No.	Colour	Marker length mm	Flat area mm	Max. wire cross section mm	Shrinkage area from - to Ø mm	Recommended colour ribbon	Software type	Pack qty.
Roll material taped, marker length 16 mm									
ST-ECO 16-2,4	86531200	White	16.00	4.20	2.40	2.4 – 0.8	FHW 100mm x 300m	AAA	4000
ST-ECO 16-2,4	86532200	Yellow	16.00	4.20	2.40	2.4 – 0.8	FHW 100mm x 300m	ABA	4000
ST-ECO 16-3,2	86531201	White	16.00	5.60	3.20	3.2 – 1.1	FHW 100mm x 300m	AAB	4000
ST-ECO 16-3,2	86532201	Yellow	16.00	5.60	3.20	3.2 – 1.1	FHW 100mm x 300m	ABB	4000
ST-ECO 16-4,8	86531202	White	16.00	7.60	4.80	4.8 – 1.6	FHW 100mm x 300m	AAC	4000
ST-ECO 16-4,8	86532202	Yellow	16.00	7.60	4.80	4.8 – 1.6	FHW 100mm x 300m	ABC	4000
Roll material taped, marker length 32 mm									
ST-ECO 32-2,4	86531203	White	32.00	4.20	2.40	2.4 – 0.8	FHW 100mm x 300m	AAD	2000
ST-ECO 32-2,4	86532203	Yellow	32.00	4.20	2.40	2.4 – 0.8	FHW 100mm x 300m	ABD	2000
ST-ECO 32-3,2	86531204	White	32.00	5.60	3.20	3.2 – 1.1	FHW 100mm x 300m	AAE	2000
ST-ECO 32-3,2	86532204	Yellow	32.00	5.60	3.20	3.2 – 1.1	FHW 100mm x 300m	ABE	2000
ST-ECO 32-4,8	86531205	White	32.00	7.60	4.80	4.8 – 1.6	FHW 100mm x 300m	AAF	2000
ST-ECO 32-4,8	86532205	Yellow	32.00	7.60	4.80	4.8 – 1.6	FHW 100mm x 300m	ABF	2000
ST-ECO 32-6,4	86531206	White	32.00	10.70	6.40	6.4 – 2.15	FHW 100mm x 300m	AAG	2000
ST-ECO 32-6,4	86532206	Yellow	32.00	10.70	6.40	6.4 – 2.15	FHW 100mm x 300m	ABG	2000
ST-ECO 32-9,5	86531207	White	32.00	15.10	9.50	9.5 – 3.2	FHW 100mm x 300m	AAH	1000
ST-ECO 32-9,5	86532207	Yellow	32.00	15.10	9.50	9.5 – 3.2	FHW 100mm x 300m	ABH	1000
Roll material taped, marker length 64 mm									
ST-ECO 64-2,4	86531208	White	64.00	4.20	2.40	2.4 – 0.8	FHW 100mm x 300m	AAI	1000

ST-ECO taped (Continued...)



Type	Order No.	Colour	Marker length mm	Flat area mm	Max. wire cross section mm	Shrinkage area from - to Ø mm	Recommended colour ribbon	Software type	Pack qty.
ST-ECO 64-2,4	86532208	Yellow	64.00	4.20	2.40	2.4 – 0.8	FHW 100mm x 300m	ABI	1000
ST-ECO 64-3,2	86531209	White	64.00	5.60	3.20	3.2 – 1.1	FHW 100mm x 300m	AAJ	1000
ST-ECO 64-3,2	86532209	Yellow	64.00	5.60	3.20	3.2 – 1.1	FHW 100mm x 300m	ABJ	1000
ST-ECO 64-4,8	86531210	White	64.00	7.60	4.80	4.8 – 1.6	FHW 100mm x 300m	AAK	1000
ST-ECO 64-4,8	86532210	Yellow	64.00	7.60	4.80	4.8 – 1.6	FHW 100mm x 300m	ABK	1000
ST-ECO 64-6,4	86531211	White	64.00	10.70	6.40	6.4 – 2.15	FHW 100mm x 300m	AAL	1000
ST-ECO 64-6,4	86532211	Yellow	64.00	10.70	6.40	6.4 – 2.15	FHW 100mm x 300m	ABL	1000
ST-ECO 64-9,5	86531212	White	64.00	15.10	9.50	9.5 – 3.2	FHW 100mm x 300m	AAM	500
ST-ECO 64-9,5	86532212	Yellow	64.00	15.10	9.50	9.5 – 3.2	FHW 100mm x 300m	ABM	500
ST-ECO 64-12,7	86531213	White	64.00	20.90	12.70	12.7 – 4.25	FHW 100mm x 300m	AAN	500
ST-ECO 64-12,7	86532213	Yellow	64.00	20.90	12.70	12.7 – 4.25	FHW 100mm x 300m	ABN	500
ST-ECO 64-19,1	86531214	White	64.00	30.90	19.10	19.1 – 6.4	FHW 100mm x 300m	AAO	500
ST-ECO 64-19,1	86532214	Yellow	64.00	30.90	19.00	19.0 – 6.4	FHW 100mm x 300m	ABO	500
ST-ECO 64-25,4	86531215	White	64.00	40.50	25.40	25.4 – 8.5	FHW 100mm x 300m	AAP	300
ST-ECO 64-25,4	86532215	Yellow	64.00	40.50	25.40	25.4 – 8.5	FHW 100mm x 300m	ABP	300
ST-ECO 64-38,1	86531216	White	64.00	60.50	38.10	38.1 – 12.7	FHW 100mm x 300m	AAQ	100
ST-ECO 64-38,1	86532216	Yellow	64.00	60.50	38.10	38.1 – 12.7	FHW 100mm x 300m	ABQ	100

ST-ECO continuous-feed



PRODUCT INFORMATION

Continuous-feed Polyolefine heat-shrink conduit, type ST-ECO

Flat, continuous-feed heat shrink conduit for labelling cables with excellent properties for the thermal transfer method.

This heat-shrink conduit is particularly suitable for applications in the fields of switching cabinet construction, shipbuilding and the labelling of wiring harnesses.

Properties

- Excellent printing results
- Very good chemical, physical and electrical properties
- Greatly flame retardant in accordance with UL224/CSA
- Ready to use with thermal transfer printers







- Shrink ratio of 3:1 (the recommended shrink range is -20 % of the max. value and +20 % of the min. value)
- Heat-shrink conduit may be any length
- Shrink temperature >90°C
- Application temperature -55°C to +135°C

Standard colours: White, yellow
Available upon request: Blue, red, green

Colour ribbon

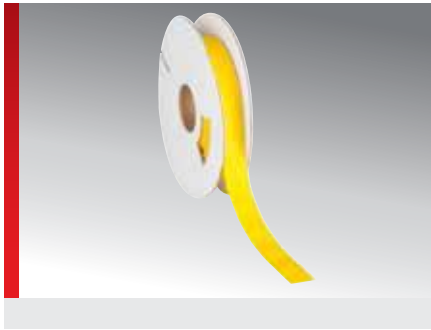
The matching colour ribbon is listed under "Labelling System" in the "Thermal Transfer System" section with "Consumables".

SPECIFICATIONS

	-55 – 135 °C
	Polyolefin
	Highly flame retardant in accordance with UL 224/CSA
	Continuous ECO heat-shrink conduits
	

Type	Order No.	Colour	Flat area mm	Max. wire cross section mm	Shrinkage area from - to Ø mm	Recommended colour ribbon	Software type	Pack qty.
Continuous roll ware; 12 m roll¹⁾								
ST-ECO 4,8 - 12m ¹⁾	86531300	White	7.60	4.80	4.8 – 1.6	FHW 40mm x 300m	AA0	12
ST-ECO 4,8 - 12m ¹⁾	86532300	Yellow	7.60	4.80	4.8 – 1.6	FHW 40mm x 300m	AB0	12
ST-ECO 6,4 - 12m ¹⁾	86531301	White	10.70	6.40	6.4 – 2.15	FHW 40mm x 300m	AA1	12
ST-ECO 6,4 - 12m ¹⁾	86532301	Yellow	10.70	6.40	6.4 – 2.15	FHW 40mm x 300m	AB1	12
ST-ECO 9,5 - 12m ¹⁾	86531302	White	15.10	9.50	9.5 – 3.2	FHW 40mm x 300m	AA2	12
ST-ECO 9,5 - 12m ¹⁾	86532302	Yellow	15.10	9.50	9.5 – 3.2	FHW 40mm x 300m	AB2	12
ST-ECO 12,7 - 12m ¹⁾	86531303	White	20.90	12.70	12.7 – 4.25	FHW 40mm x 300m	AA3	12
ST-ECO 12,7 - 12m ¹⁾	86532303	Yellow	20.90	12.70	12.7 – 4.25	FHW 40mm x 300m	AB3	12
Continuous roll ware; 9 m roll¹⁾								
ST-ECO 19,1 - 9m ¹⁾	86531304	White	30.90	19.10	19.1 – 6.4	FHW 40mm x 300m	AA4	9
ST-ECO 19,1 - 9m ¹⁾	86532304	Yellow	30.90	19.10	19.1 – 6.4	FHW 40mm x 300m	AB4	9
ST-ECO 25,4 - 9m ¹⁾	86531305	White	40.50	25.40	25.4 – 8.5	FHW 40mm x 300m	AA5	9
ST-ECO 25,4 - 9m ¹⁾	86532305	Yellow	40.50	25.40	25.4 – 8.5	FHW 40mm x 300m	AB5	9
ST-ECO 38,1 - 9m ¹⁾	86531306	White	60.50	38.10	38.1 – 12.7	FHW 40mm x 300m	AA6	9
ST-ECO 38,1 - 9m ¹⁾	86532306	Yellow	60.50	38.10	38.1 – 12.7	FHW 40mm x 300m	AB6	9

ST-ECO continuous-feed (Continued...)



Type	Order No.	Colour	Flat area mm	Max. wire cross section mm	Shrinkage area from - to Ø mm	Recommended colour ribbon	Software type	Pack qty.
Continuous roll ware; 100 m roll (maxi-size)¹⁾								
ST-ECO 4,8 - 100m ¹⁾	86532310	Yellow	7.60	4.80	4.8 – 1.6	FHW 40mm x 300m	AB0	100
ST-ECO 6,4 - 100m ¹⁾	86532311	Yellow	10.70	6.40	6.4 – 2.15	FHW 40mm x 300m	AB1	100
ST-ECO 9,5 - 100m ¹⁾	86531310	White	15.10	9.50	9.5 – 3.2	FHW 40mm x 300m	AA2	100
ST-ECO 9,5 - 100m ¹⁾	86532312	Yellow	15.10	9.50	9.5 – 3.2	FHW 40mm x 300m	AB2	100
ST-ECO 12,7 - 100m ¹⁾	86532313	Yellow	20.90	12.70	12.7 – 4.25	FHW 40mm x 300m	AB3	100

¹⁾Information about packaging unit = roll length (m)

Continuous heat-shrink conduit










PRODUCT INFORMATION

Labels cannot be applied to the heat-shrink conduit. It is designed to:

- protect from moisture
- protect against contamination

Its shrinking takes place by applying heat. Available in various colours and sizes in dispenser boxes.

SPECIFICATIONS

	-55 – 135 °C
	Polyolefin
	Highly flame retardant in accordance with UL 224 – VW-1
	Not intended for labelling Roll ware / continuous-feed material
	
	
	

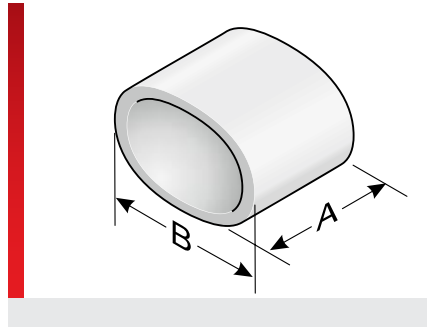
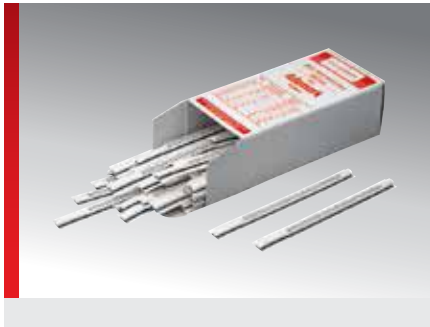
Type	Order No.	Colour	Max. wire cross section mm	Shrinkage area from - to Ø mm	Pack qty.
Continuous roll ware; 15 m roll					
HSD-T2 Box 1,6/0,8 - 15m	88861100	Red	1.60	1.6 – 0.8	1
HSD-T2 Box 1,6/0,8 - 15m	88861200	Blue	1.60	1.6 – 0.8	1
HSD-T2 Box 1,6/0,8 - 15m	88861300	Green / Yellow	1.60	1.6 – 0.8	1
HSD-T2 Box 1,6/0,8 - 15m	88861000	Black	1.60	1.6 – 0.8	1
HSD-T2 Box 2,4/1,2 - 15m	88861101	Red	2.40	2.4 – 1.2	1
HSD-T2 Box 2,4/1,2 - 15m	88861201	Blue	2.40	2.4 – 1.2	1
HSD-T2 Box 2,4/1,2 - 15m	88861301	Green / Yellow	2.40	2.4 – 1.2	1
HSD-T2 Box 2,4/1,2 - 15m	88861001	Black	2.40	2.4 – 1.2	1
Continuous roll ware; 10 m roll					
HSD-T2 Box 12,7/6,4 - 10m	88861106	Red	12.70	12.7 – 6.4	1
HSD-T2 Box 12,7/6,4 - 10m	88861206	Blue	12.70	12.7 – 6.4	1
HSD-T2 Box 12,7/6,4 - 10m	88861306	Green / Yellow	12.70	12.7 – 6.4	1
HSD-T2 Box 12,7/6,4 - 10m	88861006	Black	12.70	12.7 – 6.4	1
HSD-T2 Box 3,2/1,6 - 10m	88861102	Red	3.20	3.2 – 1.6	1
HSD-T2 Box 3,2/1,6 - 10m	88861202	Blue	3.20	3.2 – 1.6	1
HSD-T2 Box 3,2/1,6 - 10m	88861302	Green / Yellow	3.20	3.2 – 1.6	1
HSD-T2 Box 3,2/1,6 - 10m	88861002	Black	3.20	3.2 – 1.6	1
HSD-T2 Box 4,8/2,4 - 10m	88861103	Red	4.80	4.8 – 2.4	1
HSD-T2 Box 4,8/2,4 - 10m	88861203	Blue	4.80	4.8 – 2.4	1
HSD-T2 Box 4,8/2,4 - 10m	88861303	Green / Yellow	4.80	4.8 – 2.4	1
HSD-T2 Box 4,8/2,4 - 10m	88861003	Black	4.80	4.8 – 2.4	1
HSD-T2 Box 6,4/3,2 - 10m	88861104	Red	6.40	6.4 – 3.2	1
HSD-T2 Box 6,4/3,2 - 10m	88861204	Blue	6.40	6.4 – 3.2	1

Continuous heat-shrink conduit (Continued...)



Type	Order No.	Colour	Max. wire cross section mm	Shrinkage area from - to Ø mm	Pack qty.
HSD-T2 Box 6,4/3,2 - 10m	88861304	Green / Yellow	6.40	6.4 – 3.2	1
HSD-T2 Box 6,4/3,2 - 10m	88861004	Black	6.40	6.4 – 3.2	1
HSD-T2 Box 9,5/4,8 - 10m	88861105	Red	9.50	9.5 – 4.8	1
HSD-T2 Box 9,5/4,8 - 10m	88861205	Blue	9.50	9.5 – 4.8	1
HSD-T2 Box 9,5/4,8 - 10m	88861305	Green / Yellow	9.50	9.5 – 4.8	1
HSD-T2 Box 9,5/4,8 - 10m	88861005	Black	9.50	9.5 – 4.8	1
Continuous roll ware; 5 m roll					
HSD-T2 Box 19,1/9,5 - 5m	88861107	Red	19.10	19.1 – 9.5	1
HSD-T2 Box 19,1/9,5 - 5m	88861207	Blue	19.10	19.1 – 9.5	1
HSD-T2 Box 19,1/9,5 - 5m	88861307	Green / Yellow	19.10	19.1 – 9.5	1
HSD-T2 Box 19,1/9,5 - 5m	88861007	Black	19.10	19.1 – 9.5	1
Continuous roll ware; 3 m roll					
HSD-T2 Box 25,4/12,7 - 3m	88861108	Red	25.40	25.4 – 12.7	1
HSD-T2 Box 25,4/12,7 - 3m	88861208	Blue	25.40	25.4 – 12.7	1
HSD-T2 Box 25,4/12,7 - 3m	88861308	Green / Yellow	25.40	25.4 – 12.7	1
HSD-T2 Box 25,4/12,7 - 3m	88861008	Black	25.40	25.4 – 12.7	1

Idents BK 23 white



PRODUCT INFORMATION

Pre-inscribed murr-fix idents made from special PVC. The individual labels come on plastic strips, each containing 20 labels.

BK 23: Label width 2.3 mm (A); Label height 4.0 mm (B)
Font width 1.6 mm; font height 3.5 mm;
black lettering

Suitable for KT*-, KTH*-, and KTH/Q* sleeves, as well as KM*-, KKM*-, KMH*-, KMH/Q*-, and KTN* label holders.

Recommended tools to process idents (mounting frames, metal tab, metal hook) are listed in "Accessories".

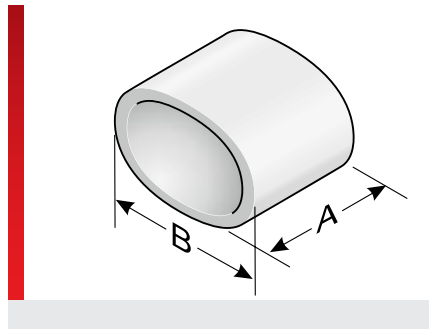
SPECIFICATIONS

- 30 – 80 °C
- Polyvinyl chloride (PVC)
- V0
- Holder frame AK is recommended for mounting.
- MZ assembly aid, available in various sizes.



Type	Order No.	Colour	Pack qty.
Upper case letters			
A	86131811	White	1000
B	86131812	White	1000
C	86131813	White	1000
D	86131814	White	1000
E	86131815	White	1000
s	86131816	White	1000
G	86131817	White	1000
H	86131818	White	1000
I	86131819	White	1000
J	86131820	White	1000
K	86131821	White	1000
L	86131822	White	1000
M	86131823	White	1000
N	86131824	White	1000
O	86131825	White	1000
P	86131826	White	1000
Q	86131827	White	1000
R	86131828	White	1000
S	86131829	White	1000
T	86131830	White	1000
U	86131831	White	1000
V	86131832	White	1000
W	86131833	White	1000

Idents BK 23 white (Continued...)



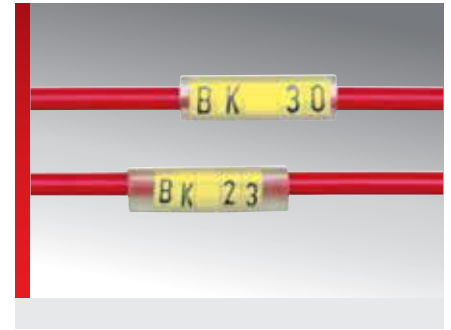
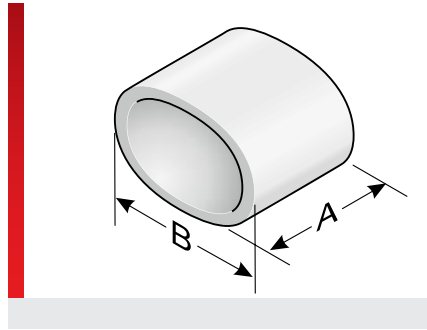
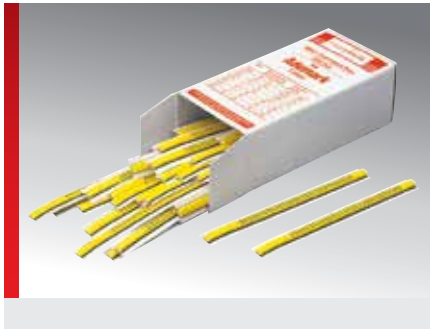
Type	Order No.	Colour	Pack qty.
X	86131834	White	1000
Y	86131835	White	1000
Z	86131836	White	1000
Lower case letters			
a	86131837	White	1000
b	86131838	White	1000
c	86131839	White	1000
d	86131840	White	1000
e	86131841	White	1000
f	86131842	White	1000
g	86131843	White	1000
h	86131844	White	1000
i	86131845	White	1000
j	86131846	White	1000
k	86131847	White	1000
l	86131848	White	1000
m	86131849	White	1000
n	86131850	White	1000
o	86131851	White	1000
p	86131852	White	1000
q	86131853	White	1000
r	86131854	White	1000
s	86131855	White	1000
t	86131856	White	1000
u	86131857	White	1000
v	86131858	White	1000
w	86131859	White	1000
x	86131860	White	1000
y	86131861	White	1000
z	86131862	White	1000
Numbers			
0	86131810	White	1000
1	86131877	White	1000
2	86131878	White	1000
3	86131879	White	1000
4	86131880	White	1000

Idents BK 23 white (Continued...)

Type	Order No.	Colour	Pack qty.
5	86131881	White	1000
6	86131882	White	1000
7	86131883	White	1000
8	86131884	White	1000
9	86131885	White	1000
Signs			
+	86131863	White	1000
-	86131864	White	1000
/	86131865	White	1000
=	86131866	White	1000
.	86131867	White	1000
*	86131868	White	1000
:	86131869	White	1000
Special characters			
Left arrow	86131870	White	1000
Right arrow	86131871	White	1000
AC voltage	86131872	White	1000
Earthing symbol	86131873	White	1000
Star connection	86131874	White	1000
Delta connection	86131875	White	1000
Blank space			
Blank	86131876	White	1000

Font colours red, yellow, green, brown, as well as special characters upon request

Idents BK 23 yellow



PRODUCT INFORMATION






Pre-inscribed murr-fix idents made from special PVC. The individual labels come on plastic strips, each containing 20 labels.

BK 23: Label width 2.3 mm (A); Label height 4.0 mm (B)
Font width 1.6 mm; font height 3.5 mm; black lettering

Suitable for KT*-, KTH*- and KTH/Q* sleeves, as well as KM*-, KKM*-, KMH*-, KMH/Q* - and KTN* label holders.

Recommended tools to process idents (mounting frames, metal tab, metal hook) are listed in "Accessories".

SPECIFICATIONS

-  -30 – 80 °C
-  Polyvinyl chloride (PVC)
-  V0
-  Holder frame AK is recommended for mounting.
-  MZ assembly aid, available in various sizes.

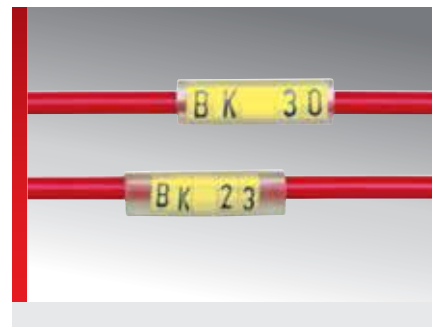
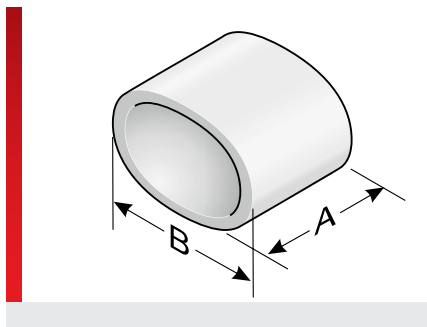
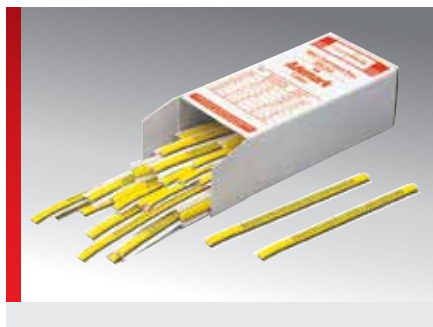


Type	Order No.	Colour	Pack qty.
Upper case letters			
A	86132012	Yellow	1000
B	86132014	Yellow	1000
C	86132016	Yellow	1000
D	86132018	Yellow	1000
E	86132020	Yellow	1000
s	86132022	Yellow	1000
G	86132024	Yellow	1000
H	86132026	Yellow	1000
I	86132028	Yellow	1000
J	86132030	Yellow	1000
K	86132032	Yellow	1000
L	86132034	Yellow	1000
M	86132036	Yellow	1000
N	86132038	Yellow	1000
O	86132040	Yellow	1000
P	86132042	Yellow	1000
Q	86132044	Yellow	1000
R	86132046	Yellow	1000
S	86132048	Yellow	1000
T	86132050	Yellow	1000
U	86132052	Yellow	1000
V	86132054	Yellow	1000
W	86132056	Yellow	1000

Idents BK 23 yellow (Continued...)

Type	Order No.	Colour	Pack qty.
X	86132058	Yellow	1000
Y	86132060	Yellow	1000
Z	86132062	Yellow	1000
Lower case letters			
a	86132064	Yellow	1000
b	86132066	Yellow	1000
c	86132068	Yellow	1000
d	86132070	Yellow	1000
e	86132072	Yellow	1000
f	86132074	Yellow	1000
g	86132076	Yellow	1000
h	86132078	Yellow	1000
i	86132080	Yellow	1000
j	86132082	Yellow	1000
k	86132084	Yellow	1000
l	86132086	Yellow	1000
m	86132088	Yellow	1000
n	86132090	Yellow	1000
o	86132092	Yellow	1000
p	86132094	Yellow	1000
q	86132096	Yellow	1000
r	86132098	Yellow	1000
s	86132100	Yellow	1000
t	86132102	Yellow	1000
u	86132104	Yellow	1000
v	86132106	Yellow	1000
w	86132108	Yellow	1000
x	86132110	Yellow	1000
y	86132112	Yellow	1000
z	86132114	Yellow	1000
Numbers			
0	86132010	Yellow	1000
1	86132144	Yellow	1000
2	86132146	Yellow	1000
3	86132148	Yellow	1000
4	86132150	Yellow	1000
5	86132152	Yellow	1000
6	86132154	Yellow	1000
7	86132156	Yellow	1000
8	86132158	Yellow	1000
9	86132160	Yellow	1000
Signs			
+	86132116	Yellow	1000
-	86132118	Yellow	1000

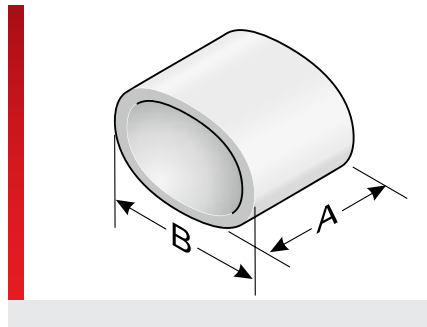
Idents BK 23 yellow (Continued...)



Type	Order No.	Colour	Pack qty.
/	86132120	Yellow	1000
=	86132122	Yellow	1000
.	86132124	Yellow	1000
*	86132126	Yellow	1000
:	86132128	Yellow	1000
Special characters			
Left arrow	86132130	Yellow	1000
Right arrow	86132132	Yellow	1000
AC voltage	86132134	Yellow	1000
Earthing symbol	86132136	Yellow	1000
Star connection	86132138	Yellow	1000
Delta connection	86132140	Yellow	1000
Blank space			
Blank	86132142	Yellow	1000

Font colours red, yellow, green, brown, as well as special characters upon request

Idents BK 30 white



PRODUCT INFORMATION

Pre-inscribed murr-fix idents made from special PVC. The individual labels come on plastic strips, each containing 20 labels.

BK 30: Label width 3.0 mm (A); Label height 4.0 mm (B)
Font width 2.0 mm; font height 3.5 mm;
black lettering

Suitable for KT^{*}-, KTH^{*}- and KTH/Q^{*} sleeves, as well as KM^{*}-, KKM^{*}-, KMH^{*}-, KMH/Q^{*}- and KTN^{*} label holders.

Recommended tools to process idents (mounting frames, metal tab, metal hook) are listed in "Accessories".

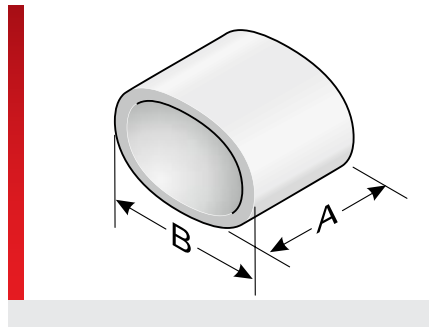
SPECIFICATIONS

- 30 – 80 °C
- Polyvinyl chloride (PVC)
- V0
- Holder frame AK is recommended for mounting.
- MZ assembly aid, available in various sizes.



Type	Order No.	Colour	Pack qty.
Upper case letters			
A	86131211	White	1000
B	86131212	White	1000
C	86131213	White	1000
D	86131214	White	1000
E	86131215	White	1000
s	86131216	White	1000
G	86131217	White	1000
H	86131218	White	1000
I	86131219	White	1000
J	86131220	White	1000
K	86131221	White	1000
L	86131222	White	1000
M	86131223	White	1000
N	86131224	White	1000
O	86131225	White	1000
P	86131226	White	1000
Q	86131227	White	1000
R	86131228	White	1000
S	86131229	White	1000
T	86131230	White	1000
U	86131231	White	1000
V	86131232	White	1000
W	86131233	White	1000

Idents BK 30 white (Continued...)



Type	Order No.	Colour	Pack qty.
X	86131234	White	1000
Y	86131235	White	1000
Z	86131236	White	1000
Lower case letters			
a	86131237	White	1000
b	86131238	White	1000
c	86131239	White	1000
d	86131240	White	1000
e	86131241	White	1000
f	86131242	White	1000
g	86131243	White	1000
h	86131244	White	1000
i	86131245	White	1000
j	86131246	White	1000
k	86131247	White	1000
l	86131248	White	1000
m	86131249	White	1000
n	86131250	White	1000
o	86131251	White	1000
p	86131252	White	1000
q	86131253	White	1000
r	86131254	White	1000
s	86131255	White	1000
t	86131256	White	1000
u	86131257	White	1000
v	86131258	White	1000
w	86131259	White	1000
x	86131260	White	1000
y	86131261	White	1000
z	86131262	White	1000
Numbers			
0	86131210	White	1000
1	86131278	White	1000
2	86131279	White	1000
3	86131280	White	1000

Idents BK 30 white (Continued...)

Type	Order No.	Colour	Pack qty.
4	86131281	White	1000
5	86131282	White	1000
6	86131283	White	1000
7	86131284	White	1000
8	86131285	White	1000
9	86131286	White	1000

Signs

+	86131264	White	1000
-	86131265	White	1000
/	86131266	White	1000
=	86131267	White	1000
.	86131268	White	1000
*	86131269	White	1000
:	86131270	White	1000

Special characters

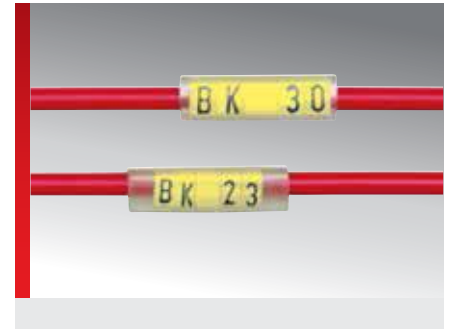
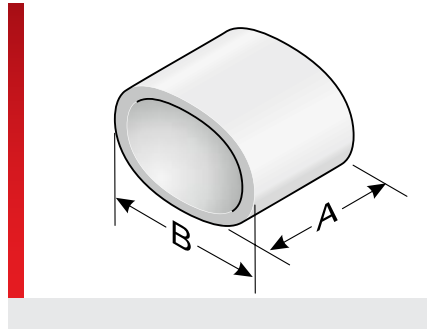
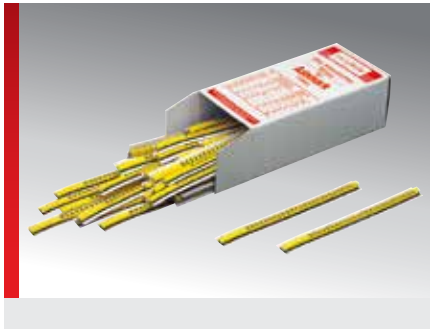
Left arrow	86131271	White	1000
Right arrow	86131272	White	1000
AC voltage	86131273	White	1000
Earthing symbol	86131274	White	1000
Star connection	86131275	White	1000
Delta connection	86131276	White	1000

Blank space

Blank	86131277	White	1000
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Font colours red, yellow, green, brown, as well as special characters upon request

Idents BK 30 yellow



PRODUCT INFORMATION

Pre-inscribed murr-fix idents made from special PVC. The individual labels come on plastic strips, each containing 20 labels.

BK 30: Label width 3.0 mm (A); Label height 4.0 mm (B)
Font width 2.0 mm; font height 3.5 mm; black lettering

Suitable for KT*- , KTH*- and KTH/Q* sleeves, as well as KM*- , KKM*- , KMH*- , KMH/Q*- and KTN* label holders.

Recommended tools to process idents (mounting frames, metal tab, metal hook) are listed in "Accessories".

SPECIFICATIONS

- 30 – 80 °C
- Polyvinyl chloride (PVC)
- V0
- Holder frame AK is recommended for mounting.
- MZ assembly aid, available in various sizes.

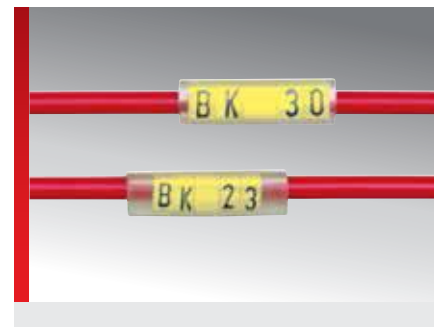
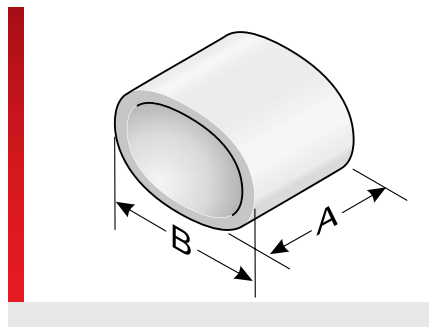
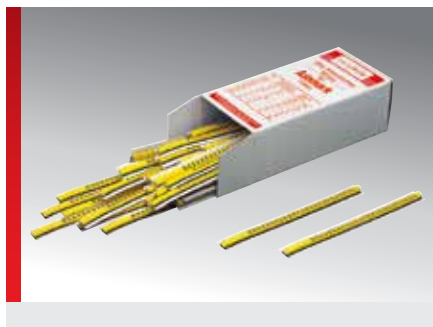


Type	Order No.	Colour	Pack qty.
Upper case letters			
A	86131411	Yellow	1000
B	86131412	Yellow	1000
C	86131413	Yellow	1000
D	86131414	Yellow	1000
E	86131415	Yellow	1000
s	86131416	Yellow	1000
G	86131417	Yellow	1000
H	86131418	Yellow	1000
I	86131419	Yellow	1000
J	86131420	Yellow	1000
K	86131421	Yellow	1000
L	86131422	Yellow	1000
M	86131423	Yellow	1000
N	86131424	Yellow	1000
O	86131425	Yellow	1000
P	86131426	Yellow	1000
Q	86131427	Yellow	1000
R	86131428	Yellow	1000
S	86131429	Yellow	1000
T	86131430	Yellow	1000
U	86131431	Yellow	1000
V	86131432	Yellow	1000
W	86131433	Yellow	1000

Idents BK 30 yellow (Continued...)

Type	Order No.	Colour	Pack qty.
X	86131434	Yellow	1000
Y	86131435	Yellow	1000
Z	86131436	Yellow	1000
Lower case letters			
a	86131437	Yellow	1000
b	86131438	Yellow	1000
c	86131439	Yellow	1000
d	86131440	Yellow	1000
e	86131441	Yellow	1000
f	86131442	Yellow	1000
g	86131443	Yellow	1000
h	86131444	Yellow	1000
i	86131445	Yellow	1000
j	86131446	Yellow	1000
k	86131447	Yellow	1000
l	86131448	Yellow	1000
m	86131449	Yellow	1000
n	86131450	Yellow	1000
o	86131451	Yellow	1000
p	86131452	Yellow	1000
q	86131453	Yellow	1000
r	86131454	Yellow	1000
s	86131455	Yellow	1000
t	86131456	Yellow	1000
u	86131457	Yellow	1000
v	86131458	Yellow	1000
w	86131459	Yellow	1000
x	86131460	Yellow	1000
y	86131461	Yellow	1000
z	86131462	Yellow	1000
Numbers			
0	86131410	Yellow	1000
1	86131610	Yellow	1000
2	86131611	Yellow	1000
3	86131612	Yellow	1000
4	86131613	Yellow	1000
5	86131614	Yellow	1000
6	86131615	Yellow	1000
7	86131616	Yellow	1000
8	86131617	Yellow	1000
9	86131618	Yellow	1000
Signs			
+	86131463	Yellow	1000
-	86131464	Yellow	1000

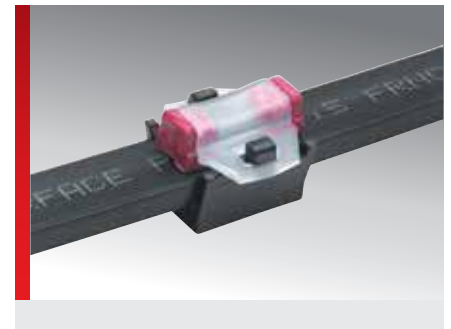
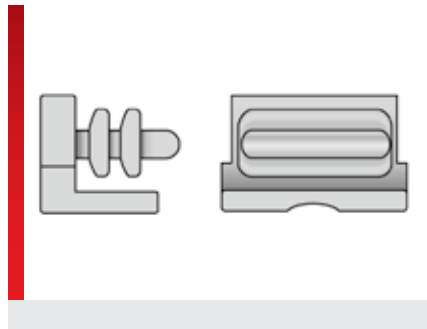
Idents BK 30 yellow (Continued...)



Type	Order No.	Colour	Pack qty.
/	86131465	Yellow	1000
=	86131466	Yellow	1000
.	86131467	Yellow	1000
*	86131468	Yellow	1000
:	86131469	Yellow	1000
Special characters			
Left arrow	86131470	Yellow	1000
Right arrow	86131471	Yellow	1000
AC voltage	86131472	Yellow	1000
Earthing symbol	86131473	Yellow	1000
Star connection	86131474	Yellow	1000
Delta connection	86131475	Yellow	1000
Blank space			
Blank	86131476	Yellow	1000

Font colours red, yellow, green, brown, as well as special characters upon request

Sealing plug KM








PRODUCT INFORMATION

The KM sealing plugs for closing off the KM and KMH label holders are available in 4 mm, 9 mm and 15 mm width and are watertight.

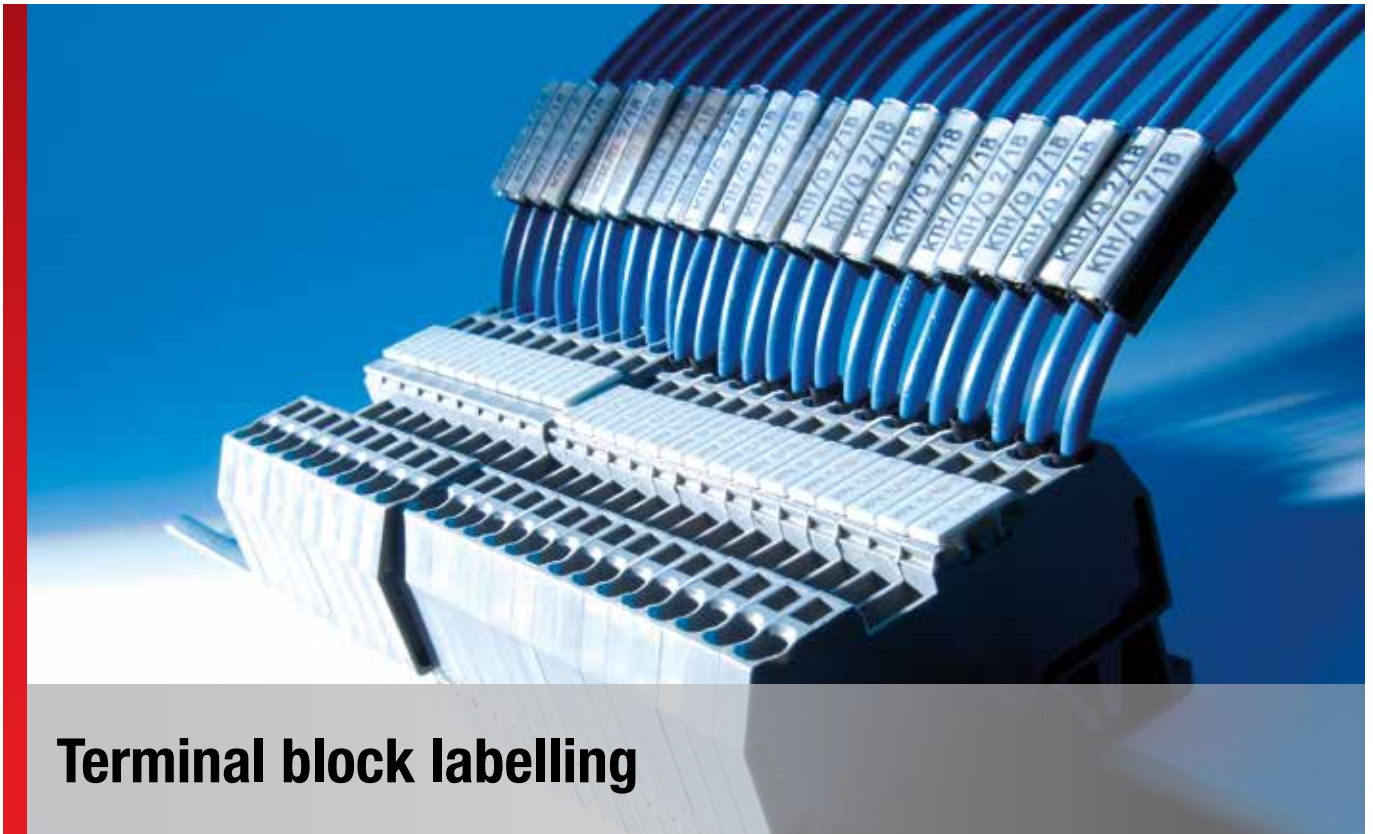
The seal provides long-term protection of the required labelling throughout the wet areas of the plant.

The sealing plugs are available in a wide variety of own colours in order to identify different media.

SPECIFICATIONS

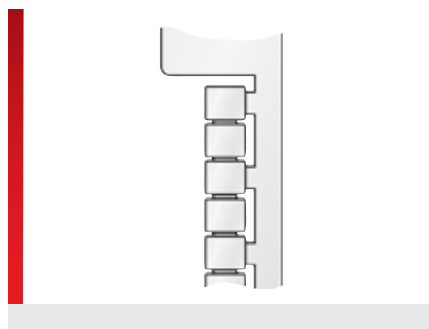
	-40 – 100 °C
	TPE
	V0
	Media distinction with colour code
	For labelling in wet areas

Type	Order No.	Colour	RAL equiv.	Pack qty.
4 mm width				
KM 4 Plug	86321214	Yellow	1018	100
KM 4 Plug	86321212	Red	2012	100
KM 4 Plug	86321216	Green	6018	100
KM 4 Plug	86321218	Blue	5012	100
KM 4 Plug	86321210	Black	9004	100
9 mm width				
KM 9 Plug	86321224	Yellow	1018	100
KM 9 Plug	86321222	Red	2012	100
KM 9 Plug	86321226	Green	6018	100
KM 9 Plug	86321228	Blue	5012	100
KM 9 Plug	86321220	Black	9004	100
15 mm width				
KM 15 Plug	86321234	Yellow	1018	100
KM 15 Plug	86321232	Red	2012	100
KM 15 Plug	86321236	Green	6018	100
KM 15 Plug	86321238	Blue	5012	100
KM 15 Plug	86321230	Black	9004	100



Terminal block labelling

BEC terminal block label



PRODUCT INFORMATION

BEC - for terminal manufacturer **Beckhoff**. High-quality, halogen-free snap-in label plates. Labels available for mounting individually or in strips. The large printable area at the top allows room for individual project and terminal block reference, dispensing with the need for additional organisational systems.

SPECIFICATIONS

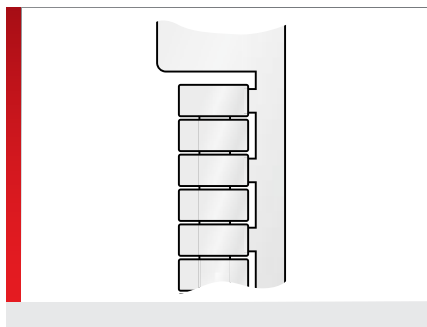
- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Individual and strip mounting

HF

Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. Trees	No. per frame	Base plate	Software type	Pack qty.
BEC 5/5-5	86401840	White	9016	5.0 x 5.0	5.0 x 5.0	2 / 1	5	110	GP5	265	1100
BEC 5/5-5	86401841	Yellow	1018	5.0 x 5.0	5.0 x 5.0	2 / 1	5	110	GP5	266	1100
BEC 5/5-5	86401845	Green	6018	5.0 x 5.0	5.0 x 5.0	2 / 1	5	110	GP5	259	1100
BEC 5/5-5	86401844	Red	2012	5.0 x 5.0	5.0 x 5.0	2 / 1	5	110	GP5	269	1100
BEC 5/5-5	86401842	Blue	5012	5.0 x 5.0	5.0 x 5.0	2 / 1	5	110	GP5	267	1100
BEC 5/5-5	86401843	Orange	2011	5.0 x 5.0	5.0 x 5.0	2 / 1	5	110	GP5	268	1100

* Specifications of the label size / printable area is shown in Width x Length.

CAB terminal block label



PRODUCT INFORMATION

CAB - for terminal manufacturer **Cabur**.
 High-quality, halogen-free, snap-in label plates for individual mounting needs. The large printable area at the top allows room for individual project and terminal block reference, dispensing with the need for additional organisational systems.

SPECIFICATIONS

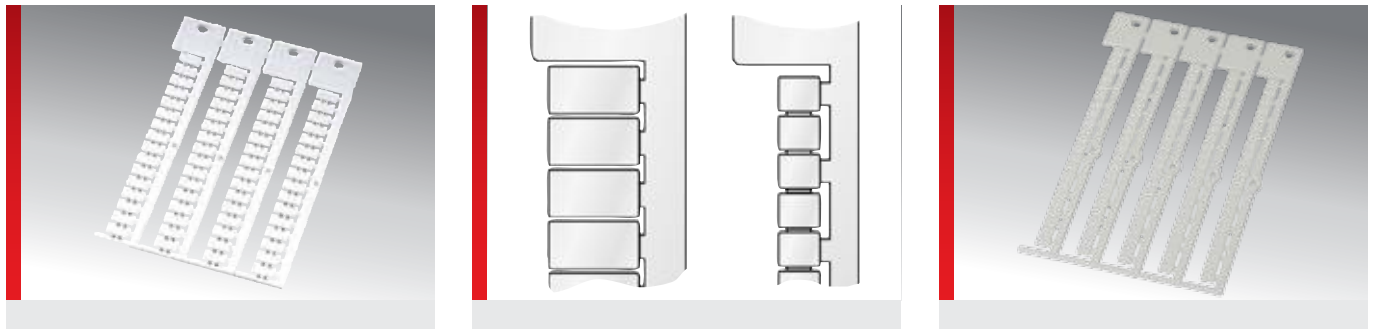
- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Single installation

HF

Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. Trees	No. per frame	Base plate	Software type	Pack qty.
CAB 5/10	86403001	White	9016	5.0 x 10.0	5.0 x 10.0	5 / 1	4	72	GP4	310	1008

* Specifications of the label size / printable area is shown in Width x Length.

KAB terminal block label



PRODUCT INFORMATION

KAB - for terminal manufacturers **Allen Bradley, ABB Entelec, Lütze, Woertz** and **Weidmüller (WDU, WPU)**.

High-quality, halogen-free snap-in label plates. Labels available for mounting individually or in strips.

The large printable area at the top allows room for individual project and terminal block reference, dispensing with the need for additional organisational systems.

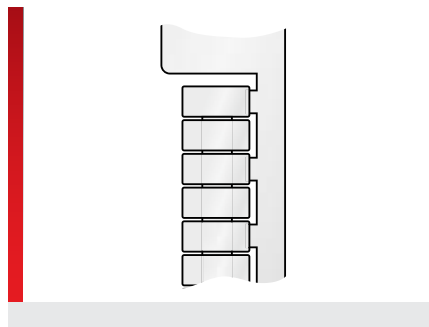
SPECIFICATIONS

- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Individual and strip mounting

Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. Trees	No. per frame	Base plate	Software type	Pack qty.
Single labels											
KAB 6/12	86402014	White	9016	6.0 x 12.0	6.0 x 12.0	6 / 1	4	72	GP4	112	1000
5 mm pitch strips in a row											
KAB 5/5.4-5	86402004	White	9016	5.0 x 5.4	5.0 x 5.4	3 / 1	5	110	GP5	55	1430
KAB 5/9-5	86402006	White	9016	5.0 x 9.0	5.0 x 9.0	5 / 1	4	88	GP4	110	1400
KAB 5/12-5	86402008	White	9016	5.0 x 12.0	5.0 x 12.0	6 / 1	4	88	GP4	111	1400
6 mm pitch strips in a row											
KAB 6/9-6	86402010	White	9016	6.0 x 9.0	6.0 x 9.0	5 / 1	4	72	GP4	50	1000
KAB 6/10-6	86402022	White	9016	6.0 x 10.0	6.0 x 10.0	5 / 1	4	72	GP4	56	1000
KAB 6/12-6	86402012	White	9016	6.0 x 12.0	6.0 x 12.0	6 / 1	4	72	GP4	51	1000
8 mm pitch strips in a row											
KAB 8/9-8	86402016	White	9016	8.0 x 9.0	8.0 x 9.0	5 / 2	4	52	GP4	53	1040
KAB 8/12-8	86402018	White	9016	8.0 x 12.0	8.0 x 12.0	6 / 2	4	52	GP4	54	1040

* Specifications of the label size / printable area is shown in Width x Length.

KET terminal block label



PRODUCT INFORMATION

KET - for terminal manufacturers **ABB**, **ABB Entrelec** and **Schneider**.

High-quality, halogen-free snap-in label plates. Labels available for mounting individually or in strips.

The large printable area at the top allows room for individual project and terminal block reference, dispensing with the need for additional organisational systems.

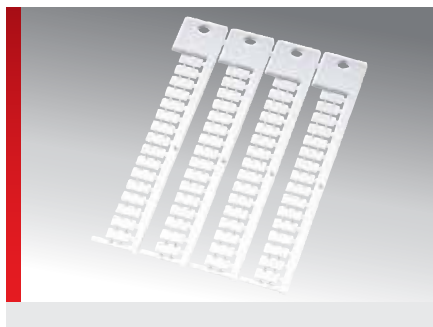
SPECIFICATIONS

- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Individual and strip mounting

Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. Trees	No. per frame	Base plate	Software type	Pack qty.
5 mm pitch strips in a row											
KET 5/10-5	86402610	White	9016	5.0 x 10.0	5.0 x 10.0	5 / 1	4	84	GP4E	121	1428
KET SNK 5/12-5	86402612	White	9016	5.0 x 12.0	5.0 x 12.0	6 / 1	4	80	GP4E	124	2000
6 mm pitch strips in a row											
KET 6/10-6	86402620	White	9016	6.0 x 10.0	6.0 x 10.0	5 / 1	4	72	GP4E	122	2016
KET SNK 6/12-6	86402622	White	9016	6.0 x 12.0	6.0 x 12.0	6 / 1	4	60	GP4E	125	1500
8 mm pitch strips in a row											
KET 8/10-8	86402630	White	9016	8.0 x 10.0	8.0 x 10.0	5 / 2	4	56	GP4E	123	1512
KET SNK 8/12-8	86402632	White	9016	8.0 x 12.0	8.0 x 12.0	6 / 2	4	40	GP4E	126	1000

* Specifications of the label size / printable area is shown in Width x Length.





KLG terminal block label








PRODUCT INFORMATION

KLG - for terminal manufacturer **Legrand**.
 High-quality, halogen-free, snap-in label plates for individual mounting needs. The large printable area at the top allows room for individual project and terminal block reference, dispensing with the need for additional organisational systems.

SPECIFICATIONS

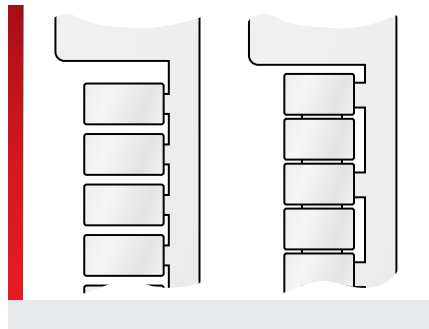
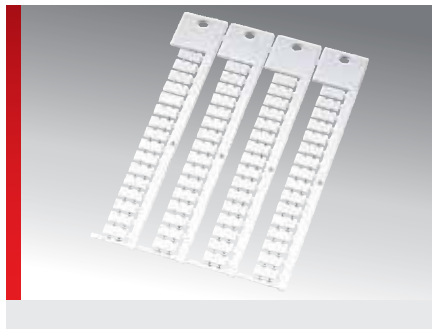
-  -40 – 130 °C
-  Polycarbonate (PC)
-  V0
-  Single installation

Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. Trees	No. per frame	Base plate	Software type	Pack qty.
KLG 5/10	86421022	White	9016	5.0 x 10.0	5.0 x 10.0	5 / 1	4	64	GP4	098	1024

* Specifications of the label size / printable area is shown in Width x Length.

KMR terminal block label



PRODUCT INFORMATION

KMR - for terminal manufacturers **Weidmüller, Conta Clip, ABB Entelec, Klemсан, Schlegel** and **Wago**. High-quality, halogen-free snap-in label plates. Labels available for mounting individually or in strips.

The large printable area at the top allows room for individual project and terminal block reference, dispensing with the need for additional organisational systems. Label plates designated as "5 - 6 mm pitch strips" can be adapted to terminal block widths of 5 mm or 6 mm by means of a flexible connection.

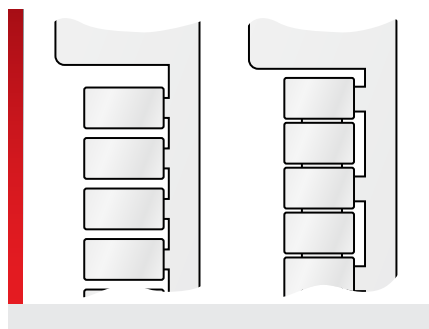
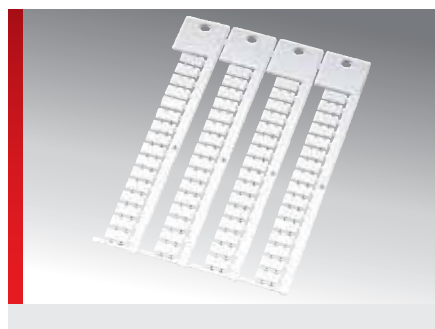
SPECIFICATIONS

- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Individual and strip mounting

HF

Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. Trees	No. per frame	Base plate	Software type	Pack qty.
Single labels											
KMR 5/10	86401010	White	9016	5.0 x 10.0	5.0 x 10.0	5 / 1	4	64	GP4	30	1000
KMR 5/15	86401014	White	9016	5.0 x 15.0	5.0 x 15.0	8 / 1	4	64	GP4	31	1000
KMR 6/10	86401018	White	9016	6.0 x 10.0	6.0 x 10.0	5 / 1	4	64	GP4	32	1000
KMR 6/15	86401022	White	9016	6.0 x 15.0	6.0 x 15.0	8 / 1	4	64	GP4	33	1000
KMR 5/10 FA	86401032	White	9016	5.0 x 10.0	5.0 x 10.0	5 / 1	4	64	GP4	160	1024
3.5 mm pitch strips in a row											
KMR 3.5/7.5-3.5	86401034	White	9016	3.5 x 7.5	3.5 x 7.5	4 / 1	4	120	GP4	161	1200
KMR 3.5/10-3.5	86401046	White	9016	3.5 x 10.0	3.5 x 10.0	5 / 1	4	120	GP4	423	1200
5 mm pitch strips in a row											
KMR 5/7.5-5	86401026	White	9016	5.0 x 7.5	5.0 x 7.5	4 / 1	4	88	GP4	34	1400
KMR 5/7.5-5	86401036	Yellow	1018	5.0 x 7.5	5.0 x 7.5	4 / 1	4	88	GP4	34G	1400
KMR 5/7.5-5	86401044	Red	2012	5.0 x 7.5	5.0 x 7.5	4 / 1	4	88	GP4	262	1400
KMR 5/7.5-5	86401040	Blue	5012	5.0 x 7.5	5.0 x 7.5	4 / 1	4	88	GP4	260	1400
KMR 5/7.5-5	86401042	Orange	2011	5.0 x 7.5	5.0 x 7.5	4 / 1	4	88	GP4	261	1400
KMR 5/10-5	86401012	White	9016	5.0 x 10.0	5.0 x 10.0	5 / 1	4	88	GP4	35	1400
KMR 5/15-5	86401016	White	9016	5.0 x 15.0	5.0 x 15.0	8 / 1	4	88	GP4	36	1400
KMR 5/15-5	86401017	Yellow	1018	5.0 x 15.0	5.0 x 15.0	8 / 1	4	88	GP4	36G	1400
5.1 mm pitch strips in a row											
KMR 5/5-5.1	86401011	White	9016	5.0 x 5.0	5.0 x 5.0	2 / 1	4	100	GP5	319	1100
KMR 5/7.5-5.1	86401027	White	9016	5.0 x 7.5	5.0 x 7.5	4 / 1	4	84	GP4	276	1008
KMR 5/7.5-5.1	86401037	Yellow	1018	5.0 x 7.5	5.0 x 7.5	4 / 1	4	84	GP4	286	1008

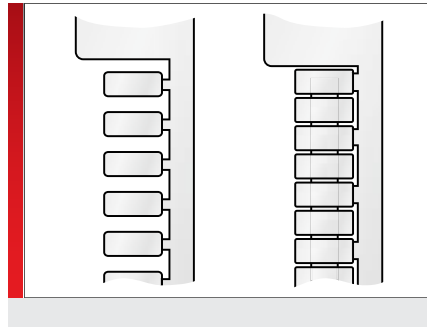
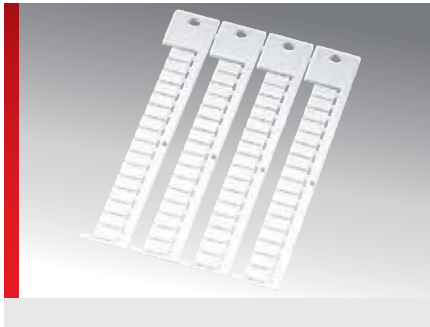
KMR terminal block label (Continued...)



Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. Trees	No. per frame	Base plate	Software type	Pack qty.
KMR 5/7.5-5.1	86401043	Orange	2011	5.0 x 7.5	5.0 x 7.5	4 / 1	4	84	GP4	296	1008
KMR 5/10-5.1	86401013	White	9016	5.0 x 10.0	5.0 x 10.0	5 / 1	4	84	GP4	277	1008
KMR 5/15-5.1	86401015	White	9016	5.0 x 15.0	5.0 x 15.0	8 / 1	4	84	GP4	278	1008
KMR 5/10-5,1 FA	86401048	White	9016	5.0 x 10.0	5.0 x 10.0	5 / 1	4	84	GP4	487	1008
5 – 6 mm pitch strips											
KMR 5/10-5...6	86401038	White	9016	4.0 x 10.0	4.0 x 10.0	5 / 1	4	88	GP4	35U	1400
6 mm pitch strips in a row											
KMR 6/10-6	86401020	White	9016	6.0 x 10.0	6.0 x 10.0	5 / 1	4	72	GP4	37	1000
KMR 6/15-6	86401024	White	9016	6.0 x 15.0	6.0 x 15.0	8 / 1	4	72	GP4	38	1000
6.1 mm pitch strips in a row											
KMR 6/10-6.1	86401021	White	9016	6.0 x 10.0	6.0 x 10.0	5 / 1	4	72	GP4	37A	1008
KMR 6/15-6.1	86401025	White	9016	6.0 x 15.0	6.0 x 15.0	8 / 1	4	72	GP4	38A	1008
6.7 mm pitch strips in a row											
KMR 6/15-6.7	86401028	White	9016	6.0 x 15.0	6.0 x 15.0	8 / 1	4	64	GP4	39	1700

* Specifications of the label size / printable area is shown in Width x Length.

KPX terminal block label



PRODUCT INFORMATION

KPX - for terminal manufacturers **Phoenix**, **ABB Entelec**, **Murrelektronik**, **Siemens** and **Wago**.

High-quality, halogen-free snap-in label plates. Labels available for mounting individually or in strips.

The large printable area at the top allows room for individual project and terminal block reference, dispensing with the need for additional organisational systems.

Label plates designated as "5 - 6 mm-pitch strips" can be adapted to terminal block widths of 5 mm or 6 mm by means of an extension spring joint.

Label plates designated as "Universal strip" can be used on various different terminal block widths.

The 6/180 labelling strips can be printed with a laser printer set up for the required terminal block width.

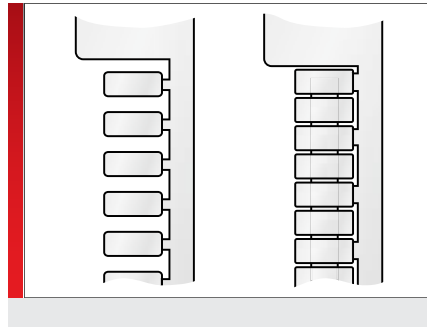
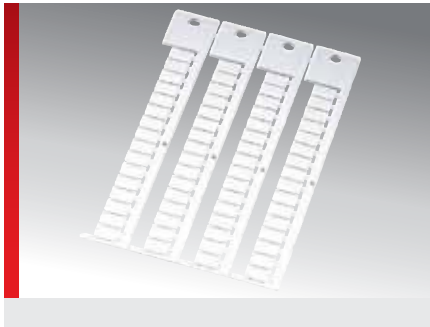
SPECIFICATIONS

- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Individual and strip mounting

HF

Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. Trees	No. per frame	Base plate	Software type	Pack qty.
Single labels											
KPX 4/10	86401224	White	9016	4.0 x 10.0	4.0 x 10.0	5 / 1	4	64	GP4	97	1024
KPU 5/10	86401231	White	9016	5.0 x 10.0	5.0 x 10.0	5 / 1	4	72	GP4	42E	1008
KPX 6/10	86401214	White	9016	6.0 x 10.0	6.0 x 10.0	5 / 1	4	64	GP4	40	1000
KPX 6/15	86401218	White	9016	6.0 x 15.0	6.0 x 15.0	8 / 1	4	64	GP4	41	1000
3.5 mm pitch strips in a row											
KPX 3.5/10-3.5	86401225	White	9016	3.5 x 10.0	3.5 x 10.0	5 / 1	4	120	GP4	486	1800
4 mm pitch strips in a row											
KPX 4/10-4	86401226	White	9016	4.0 x 10.0	4.0 x 10.0	5 / 1	4	100	GP4	98	1400
5 mm pitch strips in a row											
KPX 5/10-5	86401210	White	9016	5.0 x 10.0	5.0 x 10.0	5 / 1	4	88	GP4	42	1400
KPX 5/10-5	86401211	Yellow	1018	5.0 x 10.0	5.0 x 10.0	5 / 1	4	88	GP4	42G	1400
KPX 5/15-5	86401212	White	9016	5.0 x 15.0	5.0 x 15.0	8 / 1	4	88	GP4	43	1400
5.2 mm pitch strips in a row											
KPX 5/10-5.2	86401208	White	9016	5.0 x 10.0	5.0 x 10.0	5 / 1	4	84	GP4	279	1008
KPX 5/10-5.2	86401209	Yellow	1018	5.0 x 10.0	5.0 x 10.0	5 / 1	4	84	GP4	289	1008
KPX 5/15-5.2	86401213	White	9016	5.0 x 15.0	5.0 x 15.0	8 / 1	4	84	GP4	311	1008

KPX terminal block label (Continued...)



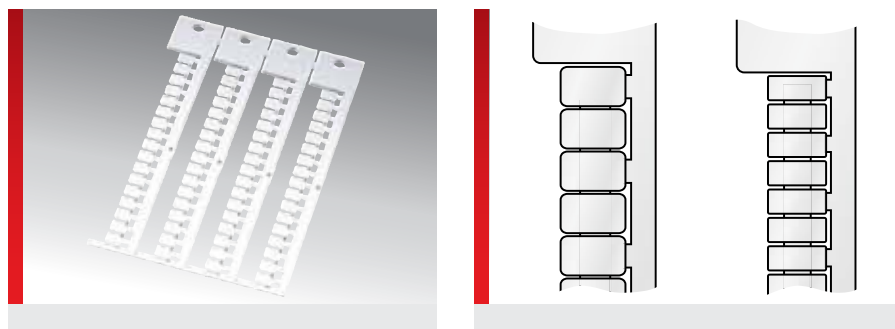
Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. Trees	No. per frame	Base plate	Software type	Pack qty.
5 – 6 mm pitch strips											
KPX 5/10-5...6	86401242	White	9016	5.0 x 10.0	5.0 x 10.0	5 / 1	4	88	GP4	42U	1400
6 mm pitch strips in a row											
KPX 6/10-6	86401216	White	9016	6.0 x 10.0	6.0 x 10.0	5 / 1	4	72	GP4	44	1000
KPX 6/15-6	86401220	White	9016	6.0 x 15.0	6.0 x 15.0	8 / 1	4	72	GP4	45	1000
6.2 mm pitch strips in a row											
KPX 6/10-6.2	86401217	White	9016	6.0 x 10.0	6.0 x 10.0	5 / 1	4	68	GP4	308	1020
KPX 6/15-6.2	86401219	White	9016	6.0 x 15.0	6.0 x 15.0	8 / 1	4	68	GP4	309	1020
6.8 mm pitch strips in a row											
KPX 6/10-6.8	86401222	White	9016	6.0 x 10.0	6.0 x 10.0	5 / 1	4	64	GP4	46	1000
3.5 mm pitch strips in a row, flat foot (ZS)											
KPX 3.5/5-3.5 ZS	86401223	White	9016	3.5 x 5.0	3.5 x 5.0	2 / 1	5	150	GP5	416	3000
4.2 mm pitch strips in a row, flat foot (ZS)											
KPX 4.2/5-4.2 ZS	86401248	White	9016	4.2 x 5.0	4.2 x 5.0	2 / 1	5	125	GP5	47Z	2500
5 mm pitch strips in a row, flat foot (ZS)											
KPX 5/5-5 ZS	86401232	White	9016	5.0 x 5.0	5.0 x 5.0	2 / 1	5	110	GP5	42Z	2090
KPX 5/5-5 ZS	86401233	Yellow	1018	5.0 x 5.0	5.0 x 5.0	2 / 1	5	110	GP5	43G	2090
KPX 5/7.5-5 ZS	86401254	White	9016	5.0 x 7.5	5.0 x 7.5	4 / 1	4	88	GP4	49Z	1408
KPX 5/10-5 ZS	86401234	White	9016	5.0 x 10.0	5.0 x 10.0	5 / 1	4	88	GP4	43Z	1400
5 – 6 mm pitch strips in a row, flat foot (ZS)											
KPX 5/10-5...6 ZS	86401244	White	9016	5.0 x 10.0	5.0 x 10.0	5 / 1	4	88	GP4	43U	1400
6 mm pitch strips in a row, flat foot (ZS)											
KPX 6/5-6 ZS	86401228	White	9016	5.0 x 6.0	5.0 x 6.0	3 / 1	5	90	GP5	44Z	2070
KPX 6/10-6 ZS	86401236	White	9016	6.0 x 10.0	6.0 x 10.0	5 / 1	4	72	GP4	45Z	1000
Single labels, flat foot (ZS)											
KPX 8.2/5 ZS	86401252	White	9016	8.2 x 5.0	8.2 x 5.0	2 / 2	5	65	GP5	48Z	1040
KPX 10/5 ZS	86401246	White	9016	10.0 x 5.0	10.0 x 5.0	2 / 2	5	55	GP5	41Z	1320

KPX terminal block label (Continued...)

Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. Trees	No. per frame	Base plate	Software type	Pack qty.
12 mm pitch strips in a row, flat foot (ZS)											
KPX 12/5-12 ZS	86401240	White	9016	5.0 x 12.0	5.0 x 12.0	6 / 1	5	45	GP5	46Z	1080
Universal strips, divisible (maximum length 104 mm, minimum length 4.2 mm), flat foot (ZS)											
KPX U/5 ZS	86401230	White	9016	5.0 x 104.0	5.0 x 104.0	57 / 1	5	100	GP5	180	2000
Labelling strip on label sheet in A4 format											
KPX 6/180	86402510	White	9016	6.0 x 180.0	6.0 x 180.0	100 / 1	1	20		180	100

* Specifications of the label size / printable area is shown in Width x Length.

KSI terminal block label



PRODUCT INFORMATION

KSI - for terminal manufacturer **Siemens**. High-quality, halogen-free snap-in label plates. Labels available for mounting individually or in strips. The large printable area at the top allows room for individual project and terminal block reference, dispensing with the need for additional organisational systems.

SPECIFICATIONS

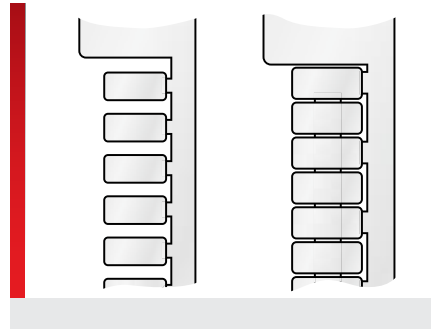
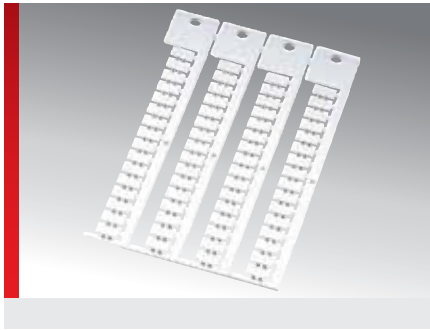
- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Individual and strip mounting

HF

Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. Trees	No. per frame	Base plate	Software type	Pack qty.
Single labels											
KSI 5/7	86401610	White	9016	5.0 x 7.0	5.0 x 7.0	3 / 1	4	68	GP4E	47	1020
KSI 5/10	86401612	White	9016	5.0 x 10.0	5.0 x 10.0	5 / 1	4	68	GP4E	48	1020
5 mm pitch strips in a row											
KSI 5/7-5	86401620	White	9016	5.0 x 7.0	5.0 x 7.0	3 / 1	4	80	GP4E	133	1200
KSI 5/10-5	86401624	White	9016	5.0 x 10.0	5.0 x 10.0	5 / 1	4	80	GP4E	132	1200
6 mm pitch strips in a row											
KSI 6/7-6	86401630	White	9016	6.0 x 7.0	6.0 x 7.0	3 / 1	4	72	GP4E	131	1080
KSI 6/10-6	86401634	White	9016	6.0 x 10.0	6.0 x 10.0	5 / 1	4	72	GP4E	130	1080

* Specifications of the label size / printable area is shown in Width x Length.

KWI terminal block label



PRODUCT INFORMATION

KWI - for terminal manufacturers **Wieland**, **ABB Entelec**, **D+E**, **Legrand**, **Sprecher + Schuh**, **Telemecanique** and **Wago**. High-quality, halogen-free snap-in label plates. Labels available for mounting individually or in strips.

The large printable area at the top allows room for individual project and terminal block reference, dispensing with the need for additional organisational systems. Label plates designated as "5 - 6 mm-pitch strips" can be adapted to terminal block widths of 5 mm or 6 mm by means of an extension spring joint.

SPECIFICATIONS

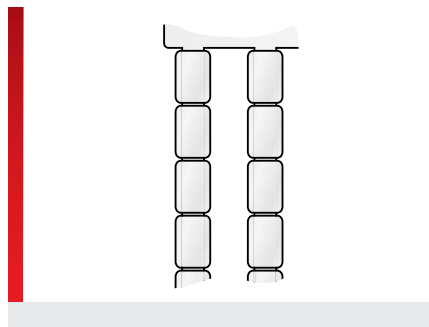
- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Individual and strip mounting

HF

Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. Trees	No. per frame	Base plate	Software type	Pack qty.
Single labels											
KWI 5/10	86401410	White	9016	5.0 x 10.0	5.0 x 10.0	5 / 1	4	64	GP4	20	1000
KWI 5/15	86401414	White	9016	5.0 x 15.0	5.0 x 15.0	8 / 1	4	64	GP4	21	1000
KWI 6/10	86401420	White	9016	6.0 x 10.0	6.0 x 10.0	5 / 1	4	64	GP4	22	1000
KWI 6/15	86401426	White	9016	6.0 x 15.0	6.0 x 15.0	8 / 1	4	64	GP4	23	1000
KWI 6/15	86401450	Orange	2011	6.0 x 15.0	6.0 x 15.0	8 / 1	4	64	GP4	230	1000
5 mm pitch strips in a row											
KWI 5/8.6-5	86401418	White	9016	5.0 x 8.6	5.0 x 8.6	4 / 1	4	88	GP4	24	1400
KWI 5/10-5	86401412	White	9016	5.0 x 10.0	5.0 x 10.0	5 / 1	4	88	GP4	25	1400
KWI 5/15-5	86401416	White	9016	5.0 x 15.0	5.0 x 15.0	8 / 1	4	88	GP4	26	1400
5 – 6 mm pitch strips											
KWI 5/10-5...6	86401432	White	9016	5.0 x 10.0	4.0 x 10.0	5 / 1	4	88	GP4	25U	1400
6 mm pitch strips in a row											
KWI 6/8.2-6	86401430	White	9016	6.0 x 8.2	6.0 x 8.2	4 / 1	4	72	GP4	270	1000
KWI 6/10-6	86401422	White	9016	6.0 x 10.0	6.0 x 10.0	5 / 1	4	72	GP4	27	1000
KWI 6/15-6	86401428	White	9016	6.0 x 15.0	6.0 x 15.0	8 / 1	4	72	GP4	28	1000
6.8 mm pitch strips in a row											
KWI 6/10-6.8	86401424	White	9016	6.0 x 10.0	6.0 x 10.0	5 / 1	4	64	GP4	29	1000

* Specifications of the label size / printable area is shown in Width x Length.





TK terminal block label





PRODUCT INFORMATION

Polyamide label for insertion in transformer terminals. Suitable for: transformer terminal blocks with nail clip.

SPECIFICATIONS

-  -40 – 130 °C
-  Polyamide (PA)
-  V2
-  Individual and strip mounting

Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. Trees	No. per frame	Base plate	Software type	Pack qty.
7 mm pitch strips in a row											
TK 4.5-7.0	86402412	White	9016	4.5 x 7.0	4.5 x 7.0	3 / 1	5	50	GP1	90	450
7.5 mm pitch strips in a row											
TK 4.5-7.5	86402410	White	9016	4.5 x 7.5	4.5 x 7.5	4 / 1	5	50	GP1	91	450

* Specifications of the label size / printable area is shown in Width x Length.

WGO terminal block label



PRODUCT INFORMATION

WGO - for terminal manufacturers **Wago**, **Beckhoff** and **ABB Entelec**.
High-quality, halogen-free snap-in label plates. Labels available for mounting individually or in strips.

The large printable area at the top allows room for individual project and terminal block reference, dispensing with the need for additional organisational systems.

SPECIFICATIONS

- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Individual and strip mounting

Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. Trees	No. per frame	Base plate	Software type	Pack qty.
4-4.2 mm pitch strips in a row, with contoured foot											
WGO 3.4/10-4...4.2 F	86401806	White	9016	3.4 x 10.0	3.4 x 10.0	5 / 1	4	100	GP4	499	1300
4 mm pitch strips in a row, with contoured foot											
WGO 4/10-4 F	86401808	White	9016	4.0 x 10.0	4.0 x 10.0	5 / 1	4	100	GP4	162	1300
5.1 mm pitch strips in a row											
WGO 5/5-5.1 L	86401870	White	9016	5.0 x 5.0	5.0 x 5.0	2 / 1	5	110	GP5	541	1100
WGO 5/5-5.1 L	86401872	Yellow	1018	5.0 x 5.0	5.0 x 5.0	2 / 1	5	110	GP5	542	1100
WGO 5/5-5.1 L	86401874	Red	2012	5.0 x 5.0	5.0 x 5.0	2 / 1	5	110	GP5	544	1100
WGO 5/5-5.1 L	86401876	Green	6018	5.0 x 5.0	5.0 x 5.0	2 / 1	5	110	GP5	546	1100
WGO 5/5-5.1 L	86401878	Blue	5012	5.0 x 5.0	5.0 x 5.0	2 / 1	5	110	GP5	543	1100
WGO 5/5-5.1 L	86401873	Orange	2011	5.0 x 5.0	5.0 x 5.0	2 / 1	5	110	GP5	545	1100
5 mm pitch strips in a row											
WGO 5/10-5	86401810	White	9016	5.0 x 10.0	5.0 x 10.0	5 / 1	4	88	GP4	49	2000
5 mm pitch strips in a row, with contoured foot											
WGO 5/10-5 F	86401813	White	9016	5.0 x 10.0	5.0 x 10.0	5 / 1	4	88	GP4	139	1400
5 mm pitch strips in a row (can be applied to a 6mm pitch pattern)											
WGO 5/10-5...6 F	86401812	White	9016	5.0 x 10.0	5.0 x 10.0	5 / 1	4	88	GP4	141	1400
6.2 mm pitch strips in a row (can be applied to a 7.5 mm pitch pattern)											
WGO 5.2/10-6.2...7.5 F	86401850	White	9016	5.2 x 10.0	5.2 x 10.0	5 / 1	4	68	GP4	540	1088

KCK-ECO terminal block labelling



PRODUCT INFORMATION





The KCK-ECO label plates are made of PE composite material on a transparent carrier film and a 3" core; they can be used as an alternative to the PC labels for terminal block labelling.

The individual labels are strips with a length of 102 mm for insertion into the terminal cut-out and can be cut to the required length.

KCK-ECO label plates for terminal blocks are available in widths of 6.2 mm and 10 mm and **specifically for Phoenix terminal blocks** by design.

Suitable for mp-TM series thermal transfer printers.

SPECIFICATIONS

-  -40 – 90 °C
-  Polyethylene (PE)
-  Can be inscribed with thermal transfer printer, 3 in roll core diameter
Primarily for inside use
-  High tensile strength and tear resistance
In compliance with the requirements of REACH and RoHS



Type	Order No.	Colour	Label size Length x width mm	Roll width mm	Recommended colour ribbon	Software type	Pack qty.
KCK-ECO 102x6.2	86513100	White	102.0 x 6.2	104.00	FB-TM 110 mm x 300 m	QB0	1000
KCK-ECO 102x10	86513101	White	102.0 x 10.0	104.00	FB-TM 110 mm x 300 m	QB1	1000







KM 2 / KM 20 (adhesive holder)



PRODUCT INFORMATION

High-quality, halogen-free adhesive label holders.
If the bonding surface is clean, dry and free of grease, the acrylic adhesive can form a permanent bond.

SPECIFICATIONS

-  -40 – 60 °C
-  Polyvinyl chloride (PVC)
-  V0
- 

Type	Order No.	Colour	Length mm	Width mm	Recommended label plate	Label size mm	No. idents BK23 / BK30	Pack qty.
Self-adhesive (for smooth surfaces)								
KM 2/16	86321010	White / Transparent	16.00	9.00	KS 4/x	4.0 x 16.0	6 / 5	1000
KM 2/22	86321012	White / Transparent	22.00	9.00	KS 4/x	4.0 x 22.0	9 / 7	1000
KM 2/25	86321014	White / Transparent	25.00	9.00	KS 4/x	4.0 x 25.0	10 / 8	1000
KM 20	86321016	White / Transparent	20.00	10.00	KSO 20x9	9.0 x 20.0		1000





KM 6



PRODUCT INFORMATION

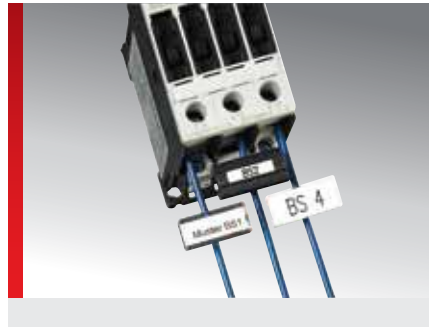
High-quality, transparent label holder for component labelling.
 Assembly is via snap-in action.
 Adapters render the label holders usable for component location labelling.

SPECIFICATIONS

-  -40 – 60 °C
-  Polyvinyl chloride (PVC)
-  V0
- 

Type	Order No.	Colour	Length mm	Width mm	Recommended label plate	Label size mm	No. idents BK23 / BK30	Pack qty.
KM 6/15	86321030	White / Transparent	15.00	6.00	KS 4/x	4.0 x 15.0	6 / 5	1000
KM 6/18	86321032	White / Transparent	18.00	6.00	KS 4/x	4.0 x 18.0	7 / 6	1000
KM 6/21	86321034	White / Transparent	21.00	6.00	KS 4/x	4.0 x 21.0	9 / 7	1000
KM 6/27	86321036	White / Transparent	27.00	6.00	KS 4/x	4.0 x 27.0	11 / 9	1000

BS (BS labelling system)



PRODUCT INFORMATION

The BS labelling system consists of various components and is used for retrospective labelling of device locations or switchgear.

- **BS 1:** consists of the clamping piece BS 3, transparent top and 27 x 8 mm paper strip on a DIN A-4 sheet with perforated edges.
- **BS 2:** consists of the clamping piece BS 3 and transparent label holder KM 7 to retain the KS 4/x series labels or BK inserts.

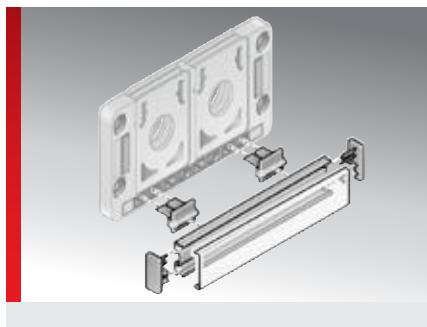
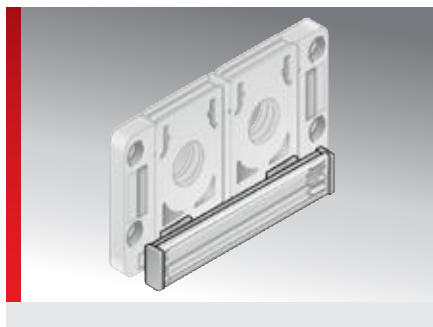
- **BS 3:** clamping piece for the transparent label holder KM 7 or for the BS 5 label.
- **BS 4:** consists of the clamping piece BS 3 and the BS 5 label.
- **BS 9 / BS 10:** label holder for KSS 20x9 labels or for KM 6/18 transparent label holders with KS 4/18 label. Mounting is accomplished with a self-clamping (spring-loaded) foot.

SPECIFICATIONS

	-40 – 60 °C
	Polyvinyl chloride (PVC) BS 5 label Polycarbonate (PC)
	V0

Type	Order No.	Colour	Area of application from - to Ø mm	Wire cross-section from - to mm ²	Printable area mm	No. idents BK23 / BK30	No. per sheet	No. per frame	Software type	Pack qty.
BS 3 clamping wedge, with transparent top and DIN A4 paper strip										
BS 1	86281010	Black	0.25 – 3.7	0.5 – 2.5						500
DIN A4 paper sheet with punched margin for BS 1										
Paper sheet	86281013	White			8.0 x 25.0		256		BSM	2560
Clamping piece BS 3 with transparent label KM 7: for KS 4/x or for idents BK										
BS 2	86281014	Black	0.25 – 3.7	0.5 – 2.5	4.0 x 27.0	11 / 9				500
Clamping piece: for transparent label holder KM 7 or for label BS 5										
BS 3	86281016	Black	0.25 – 3.7	0.5 – 2.5						190
Clamping piece BS 3 with label BS 5										
BS 4	86281018	Black	0.25 – 3.7	0.5 – 2.5	12.0 x 27.0			16	79	190
Label holder (self-clamping): for labels KSS 20x9 or for transparent label holders KM 6/18										
BS 9	86281024	Black	max.4.0							50
BS 10	86281026	Black	4.0 – 11.0							50

SKDL/E (for cable entry plate KDL/E)



PRODUCT INFORMATION

Adapter set for KDL/E cable entry system

The labelling set for the KDL/E cable entry system was developed as a simple means of accommodating a great deal of labelling information in or on the KDL/E cable entry system.







Adapted to various cable entry systems, different versions are available.

The set consists of a holder, label rail for KS 9/x or KS 15/x labels, sealing plug and transparent cover.

An alternative to the adapter set

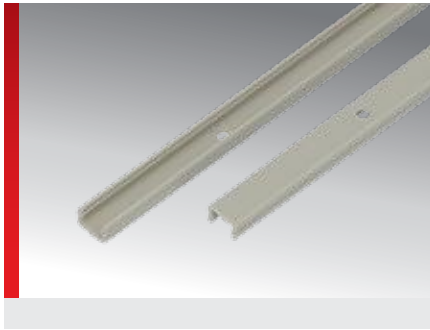
The KS KDL/E label, for direct mounting on the KDL/E cable entry system. (Item no. 86421090)

SPECIFICATIONS

-  -40 – 80 °C
 -  Polyvinyl chloride (PVC)
 -  V0
 -  Labelling system to cable entry system KDL/E
- 


Type	Order No.	Recommended label plate	Pack qty.
BZS 9 SKDL/E 16	86301232	KS 9/x	1
BZS 9 SKDL/E 24	86301236	KS 9/x	1
BZS 15 SKDL/E 16	86301234	KS 15/x	1
BZS 15 SKDL/E 24	86301238	KS 15/x	1

BZS label rail - grey - 9 mm



PRODUCT INFORMATION

Label holders for designating component locations as base holders for rivets, screws or for glue fastening.

The pre-drilled holes have a diameter of 4 mm and a hole distance of 100 mm.

SPECIFICATIONS

- 40 – 80 °C
- Polyvinyl chloride (PVC)
- V0

Type	Order No.	Colour	Length mm	Width mm	Recommended label plate	Pack qty.
With drilled holes						
BZS 37	86301010	Grey	37.00	9.00	KS0 x/9	100
BZS 500	86301012	Grey	500.00	9.00	KS0 x/9	10
BZS 600	86301014	Grey	600.00	9.00	KS0 x/9	10
BZS 1000	86301016	Grey	1000.00	9.00	KS0 x/9	10
BZS 1300	86301017	Grey	1300.00	9.00	KS0 x/9	10
With drilled holes and adhesive strips as assembly aid						
BZS 500 K	86301018	Grey	500.00	9.00	KS0 x/9	10
BZS 600 K	86301020	Grey	600.00	9.00	KS0 x/9	10
BZS 1000 K	86301022	Grey	1000.00	9.00	KS0 x/9	10
BZS 1300 K	86301027	Grey	1300.00	9.00	KS0 x/9	10
Self-adhesive (no holes) for uneven surfaces (hammer enamel)						
BZS 500 SK	86301032	Grey	500.00	9.00	KS0 x/9	10
BZS 600 SK	86301034	Grey	600.00	9.00	KS0 x/9	10
BZS 1000 SK	86301036	Grey	1000.00	9.00	KS0 x/9	10

BZS/F label rail - black - 9 and 15 mm



BZS/F rail (cover and label not included in delivery)

PRODUCT INFORMATION

The BZS/F labelling system was developed as a simple means of accommodating a great deal of labelling information in or on the control cabinet.

The label holder with the snap-in labels provides vertical and horizontal designations on terminal blocks and other components. It may be fitted on the top-hat rail, C-rail or the cable duct with a high degree of flexibility.

The label holder can be cut to any length.

The BZS/F label holders are available in 9 mm and 15 mm widths.

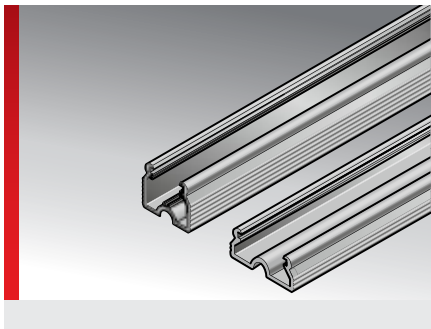
- BZS/F: with pre-punched holes (distance between holes 100 mm; hole diameter 3.6 mm).
- BZS/F K: with pre-punched holes (distance between holes 100 mm; hole diameter 3.6 mm) and adhesive strip (adhesive 4930) as a mounting aid
- BZS/F SK: self-adhesive label rail (adhesive 1780) without drilled holes for uneven surfaces (hammered enamel)

SPECIFICATIONS

	-40 – 80 °C	
	Polyvinyl chloride (PVC)	
	V0	

Type	Order No.	Colour	Length mm	Width mm	Recommended label plate	Pack qty.
Label rail with drilled holes at 9 mm width						
BZS/F 09 - 500	86301634	Black	500.00	9.00	KSO x/9	25
BZS/F 09 - 600	86301636	Black	600.00	9.00	KSO x/9	25
BZS/F 09 - 1000	86301638	Black	1000.00	9.00	KSO x/9	25
BZS/F 09 - 1300	86301640	Black	1300.00	9.00	KSO x/9	25
Label rail with drilled holes and adhesive strips (adhesive 4930) as assembly aid at 9 mm width						
BZS/F 09 - 500 K	86301684	Black	500.00	9.00	KSO x/9	25
BZS/F 09 - 600 K	86301686	Black	600.00	9.00	KSO x/9	25
BZS/F 09 - 1000 K	86301688	Black	1000.00	9.00	KSO x/9	25
BZS/F 09 - 1300 K	86301690	Black	1300.00	9.00	KSO x/9	25
Self-adhesive label rail (adhesive 1780) without drilled holes for uneven surfaces (hammered enamel) at 9 mm width						
BZS/F 09 - 500 SK	86301654	Black	500.00	9.00	KSO x/9	25
BZS/F 09 - 600 SK	86301656	Black	600.00	9.00	KSO x/9	25
BZS/F 09 - 1000 SK	86301658	Black	1000.00	9.00	KSO x/9	25
BZS/F 09 - 1300 SK	86301660	Black	1300.00	9.00	KSO x/9	25
Label rail with drilled holes at 15 mm width						
BZS/F 15 - 500	86301834	Black	500.00	15.00	KS 15/x	25
BZS/F 15 - 600	86301836	Black	600.00	15.00	KS 15/x	25
BZS/F 15 - 1000	86301838	Black	1000.00	15.00	KS 15/x	25
BZS/F 15 - 1300	86301840	Black	1300.00	15.00	KS 15/x	25

BZS labelling system - label rail



PRODUCT INFORMATION

The BZS system was developed as a simple means of accommodating a great deal of labelling information in or on the control cabinet.

The label holder with the snap-in labels provides vertical and horizontal designations on terminal blocks and other components. It may be fitted on the top-hat rail, C-rail or the cable duct with a high degree of flexibility.

The label holders can be trimmed to any length and they are available in 9 mm and 15 mm widths.

Different mounting modules are available for fixing (see "BZS labelling system - Mounting").

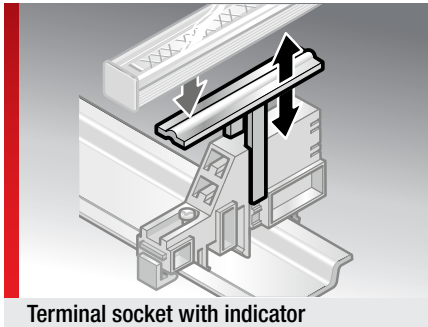
The label plates in the label holders can be protected with covers (see "BZS and BZS/F label holder - cover").

SPECIFICATIONS

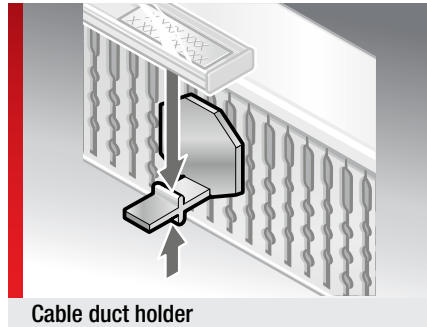
- 40 – 80 °C
- Polyvinyl chloride (PVC)
- V0
-

Type	Order No.	Colour	Length mm	Width mm	Recommended label plate	Pack qty.
Label rail for mounting labels at 9 mm width						
BZS 09 - 500	86301222	Black	500.00	9.00	KSO x/9	25
BZS 09 - 600	86301224	Black	600.00	9.00	KSO x/9	25
BZS 09 - 1000	86301226	Black	1000.00	9.00	KSO x/9	25
BZS 09 - 1300	86301228	Black	1300.00	9.00	KSO x/9	25
Label rail for mounting labels at 15 mm width						
BZS 15 - 500	86301262	Black	500.00	15.00	KS 15/x	25
BZS 15 - 600	86301264	Black	600.00	15.00	KS 15/x	25
BZS 15 - 1000	86301266	Black	1000.00	15.00	KS 15/x	25
BZS 15 - 1300	86301268	Black	1300.00	15.00	KS 15/x	25

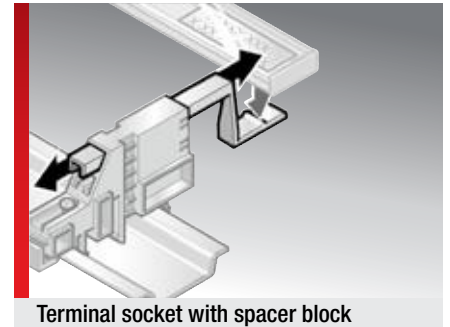
BZS labelling system - attachment



Terminal socket with indicator



Cable duct holder



Terminal socket with spacer block

PRODUCT INFORMATION

The BZS labelling system can be tailored to any labelling requirement, offering horizontal or vertical markings in control cabinets, labelling outside or inside control cabinets, any length of label carriers and any number of label plates.

The BZS 09 and BZS 15 do not feature an adhesive film, they are clamped to the cable duct holder, the spacer block or the indicator, depending on the mounting type requested.

The terminal bases attached to the top-hat rail, C-rail or cable ducts can be spaced with distance plates to maintain certain distances.

The mounting modules listed here are suitable for the BZS labelling system and label holders only.

SPECIFICATIONS

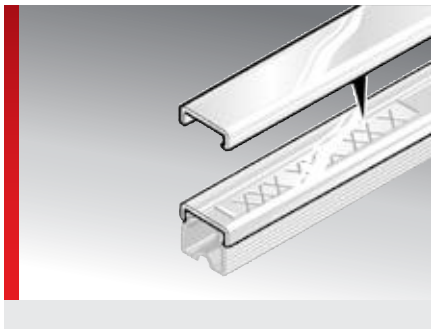
-40 – 80 °C

Polyamide (PA)

V0

Type	Order No.	Colour	Pack qty.
End cap for label rail BZS 9			
End cap for BZS 09	86301219	Black	80
End cap for label rail BZS 15			
End cap for BZS 15	86301259	Black	80
Terminal base for mounting distance plate / indicator / spacer block			
Clamping socket	86301210	Black	30
Distance plate for clamping socket			
Distance plate clamping socket	86301218	Black	100
Indicator for mounting the label rail			
Indicator	86301212	Black	100
Spacer for mounting label rail			
Spacer block	86301214	Black	100
Adapter for cable duct for mounting label rail			
Cable duct holder	86301216	Black	100

BZS and BZS/F labelling rail - cover







PRODUCT INFORMATION

Transparent cover for BZS and BZS/F label holders.

The cover can be cut to any length.

They are available in 9 mm and 15 mm widths.

SPECIFICATIONS

-  -40 – 80 °C
-  Polyvinyl chloride (PVC)
-  V0
- 

Type	Order No.	Colour	Length mm	Width mm	Pack qty.
Transparent cover for BZS and BZS/F label rail in 9 mm width					
BZS 09 - 500 cover	86301242	Transparent	500.00	9.00	25
BZS 09 - 600 cover	86301244	Transparent	600.00	9.00	25
BZS 09 - 1000 cover	86301246	Transparent	1000.00	9.00	25
BZS 09 - 1300 cover	86301248	Transparent	1300.00	9.00	25
Transparent cover for BZS and BZS/F label rail in 15 mm width					
BZS 15 - 430 cover	86301283	Transparent	430.00	15.00	25
BZS 15 - 500 cover	86301282	Transparent	500.00	15.00	25
BZS 15 - 600 cover	86301284	Transparent	600.00	15.00	25
BZS 15 - 630 cover	86301285	Transparent	630.00	15.00	25
BZS 15 - 650 cover	86301287	Transparent	650.00	15.00	25
BZS 15 - 1000 cover	86301286	Transparent	1000.00	15.00	25
BZS 15 - 1300 cover	86301288	Transparent	1300.00	15.00	25

Type ABB



PRODUCT INFORMATION

ABB - for devices made by **ABB**, **Finder**, **Lumberg** and **Wago**.

High-quality, halogen-free label plates to snap into devices.

The large printable area at the top allows room for individual project and component reference, dispensing with the need to organise additional systems.

SPECIFICATIONS

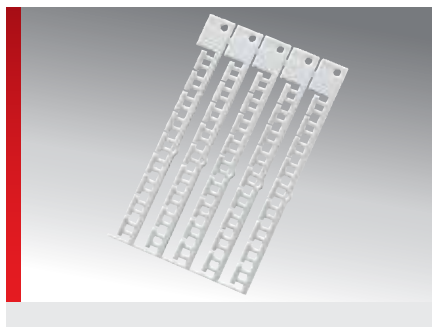
- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Switch gear labelling

HF
 Saw
 Screwdriver
 Starburst
 Fire

Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
ABB 17x9	86421020	White	9016	9.0 x 17.0	9.0 x 17.0	9 / 2	24	GP4	68	384
ABB 17x9	86421021	Pastel turquoise	6034	9.0 x 17.0	9.0 x 17.0	9 / 2	24	GP4	68P	384

* Specifications of the label size / printable area is shown in Width x Length.

Type B+R



PRODUCT INFORMATION

B&R - for **B&R X20 switchgear**.
High-quality, halogen-free label plates to snap into devices.

The large printable area at the top allows room for individual project and component reference, dispensing with the need to organise additional systems.

SPECIFICATIONS

- 40 – 130 °C
 - Polycarbonate (PC)
 - V0
 - For labelling equipment and connecting labelling
- HF

Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
Terminal block marking										
B+R 12x3.3	86402800	White	9016	3.3 x 12.0	3.3 x 12.0	6 / 1	45	GP5	201	675
B+R 12x3.3	86402802	Red	2012	3.3 x 12.0	3.3 x 12.0	6 / 1	45	GP5	204	675
B+R 12x3.3	86402804	Blue	5012	3.3 x 12.0	3.3 x 12.0	6 / 1	45	GP5	203	675
Device marking										
B+R 12x6.7	86402810	White	9016	6.7 x 12.0	6.7 x 12.0	6 / 1	45	GP5	230	675

* Specifications of the label size / printable area is shown in Width x Length.

Type KAB












PRODUCT INFORMATION

KAB - for devices made by **ABB**, **Allen Bradley** and **Finder**.
High-quality, halogen-free label plates to snap into devices.

The large printable area at the top allows room for individual project and component reference, dispensing with the need to organise additional systems.

SPECIFICATIONS

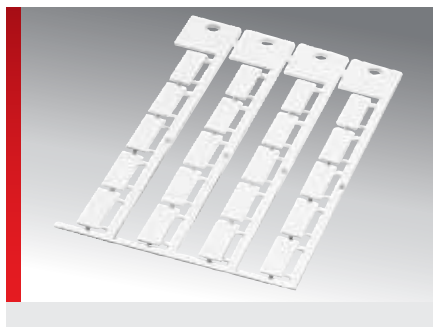
-  -40 – 130 °C
-  Polycarbonate (PC)
-  V0
-  Switch gear labelling

Type	Order No.	Colour	Label size * mm	Printable area * mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KAB 9x6	86421017	White	6.0 x 9.0	6.0 x 9.0	5 / 1	50	GP5	549	1200
KAB 17x10	86421016	White	10.0 x 17.0	10.0 x 17.0	9 / 2	30	GP5	52	750

* Specifications of the label size / printable area is shown in Width x Length.

Type KES







PRODUCT INFORMATION






KES - for devices made by **Escha, Murrelektronik** and **Turck**.

High-quality, halogen-free label plates to snap into devices.

The large printable area at the top allows room for individual project and component reference, dispensing with the need to organise additional systems.

SPECIFICATIONS

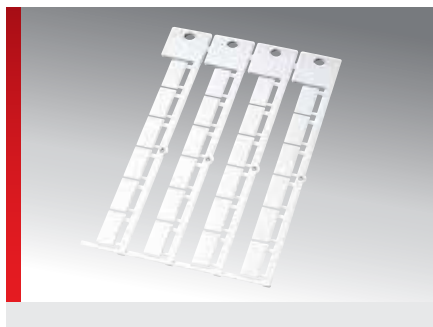
-  -40 – 130 °C
-  Polycarbonate (PC)
-  V0
-  Labelling distribution boxes

Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KES 20x8	86421052	White	9016	8.0 x 20.0	8.0 x 20.0	11 / 2	20	GP4	99	380
KES 20x8	86421058	Yellow	1018	8.0 x 20.0	8.0 x 20.0	11 / 2	20	GP4	273	380
KES 20x8	86421057	Red	2012	8.0 x 20.0	8.0 x 20.0	11 / 2	20	GP4	443	380
KES 20x8	86421061	Green	6018	8.0 x 20.0	8.0 x 20.0	11 / 2	20	GP4	441	380
KES 20x8	86421059	Blue	5012	8.0 x 20.0	8.0 x 20.0	11 / 2	20	GP4	442	380

* Specifications of the label size / printable area is shown in Width x Length.

Type KMO







PRODUCT INFORMATION

KMO - for devices made by **Moeller, In-dramat** and **Murrelektronik**.
High-quality, halogen-free label plates to snap into devices.

The large printable area at the top allows room for individual project and component reference, dispensing with the need to organise additional systems.

SPECIFICATIONS

-  -40 – 130 °C
-  Polycarbonate (PC)
-  V0
-  Switch gear labelling



Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KMO 17.5x8	86421070	White	9016	8.0 x 17.5	8.0 x 17.5	9 / 2	24	GP4	190	720
Installation adapter towards the DILER and DILET devices, for devices without auxiliary contacts										
KMO adaptor	86421074	White								380
KSS 20x9 label plate required (please order separately)										

* Specifications of the label size / printable area is shown in Width x Length.

Type KPF












PRODUCT INFORMATION

KPF - for devices made by **Pepperl + Fuchs**.
High-quality, halogen-free label plates to snap into devices.

The large printable area at the top allows room for individual project and component reference, dispensing with the need to organise additional systems.

SPECIFICATIONS

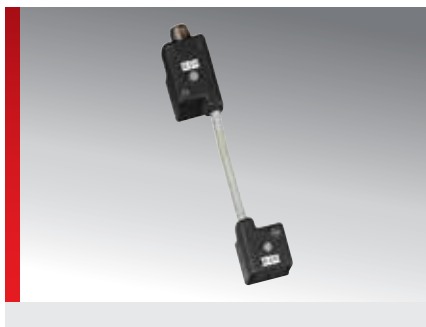
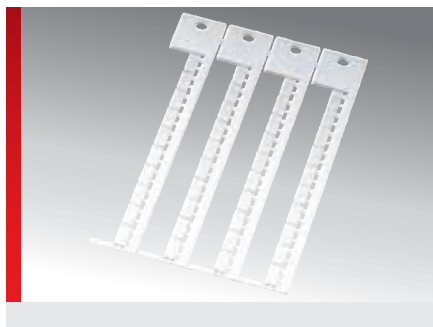
-  -40 – 130 °C
-  Polycarbonate (PC)
-  V0
-  Labelling distribution boxes

Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KPF 18.5x8	86421054	White	9016	8.0 x 18.5	8.0 x 18.5	10 / 2	20	GP4	250	480

* Specifications of the label size / printable area is shown in Width x Length.

Type KS



PRODUCT INFORMATION





KS - for devices made by **Escha, IFM, Lumberg, Murrelektronik, Pepperl + Fuchs** and **Turck**.






KS KDL/E For the KDL/E cable entry system by **Murrplastik**.

High-quality, halogen-free label plates to snap into devices.

The large printable area at the top allows room for individual project and component reference, dispensing with the need to organise additional systems.

SPECIFICATIONS

-  -40 – 130 °C
-  Polycarbonate (PC)
-  V0
-  Switch gear labelling

Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
For devices by Escha, IFM, Lumberg, Murrelektronik, Pepperl + Fuchs and Turk										
KS 5/10	86402210	White	9016	5.0 x 10.0	5.0 x 10.0	5 / 1	40	GP4E	88	1000
For Murrplastik KDL/E cable entry system										
KS KDL/E	86421090	White	9016	5.8 x 98.0	5.8 x 98.0	54 / 1	4	GP4	290	100

* Specifications of the label size / printable area is shown in Width x Length.

Type KSA












PRODUCT INFORMATION

KSA - for devices made by **AEG** and **Square D**.
High-quality, halogen-free label plates to snap into devices.

The large printable area at the top allows room for individual project and component reference, dispensing with the need to organise additional systems.

SPECIFICATIONS

-  -40 – 130 °C
-  Polycarbonate (PC)
-  V0
-  Switch gear labelling

Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KSA 19x8	86421012	White	9016	8.0 x 19.0	8.0 x 19.0	10 / 2	20	GP4	70	380

* Specifications of the label size / printable area is shown in Width x Length.

Type KSF



PRODUCT INFORMATION

KSF - for devices made by **Festo, Lumberg, Moeller, Murrelektronik** and **Pepperl + Fuchs**.

High-quality, halogen-free label plates to snap into devices.

The large printable area at the top allows room for individual project and component reference, dispensing with the need to organise additional systems.

SPECIFICATIONS

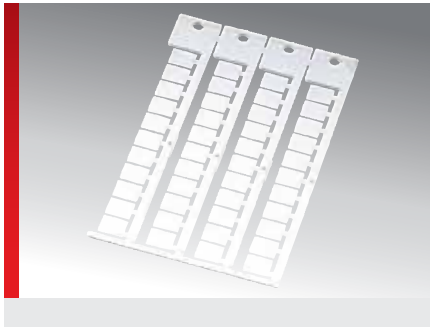
- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Switch gear and valve labelling



Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KSF 4.5x9	86421046	White	9016	4.5 x 9.0	4.5 x 9.0	5 / 1	80	GP4	176	1040
KSF 10x8	86421050	White	9016	8.0 x 10.0	8.0 x 10.0	5 / 2	44	none	175	440
KSF 20x9	86421042	White	9016	9.0 x 20.0	9.0 x 20.0	11 / 2	20	GP4	174	380

* Specifications of the label size / printable area is shown in Width x Length.

KSK (universal adhesive label)







PRODUCT INFORMATION

KSK type (universal adhesive label) - for devices by various manufacturers. High-quality, halogen-free adhesive label plates. The large printable area at the top allows room for individual project and component

reference, dispensing with the need to organise additional systems. The flat construction allows the label holder to be used as a component location marker inside the top hat rail.

SPECIFICATIONS

-  -40 – 130 °C
-  Polycarbonate (PC)
-  V0
-  Device and device location labelling

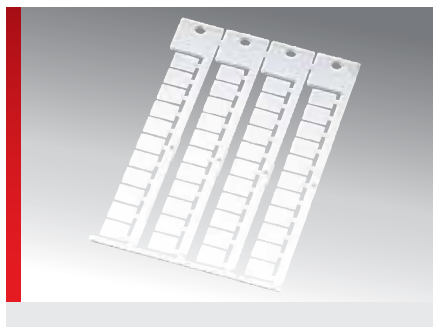


Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KSK 5x15	86421092	White	9016	5.0 x 15.0	5.0 x 15.0	8 / 1	64	GP4	438	1024
KSK 5x15	86421094	Yellow	1018	5.0 x 15.0	5.0 x 15.0	8 / 1	64	GP4	495	1024
KSK 6x15	86421093	White	9016	6.0 x 15.0	6.0 x 15.0	8 / 1	64	GP4	439	1024
KSK 6x15	86421095	Yellow	1018	6.0 x 15.0	6.0 x 15.0	8 / 1	64	GP4	497	1024
KSK 11x9	86421034	White	9016	9.0 x 11.0	9.0 x 11.0	6 / 2	44	GP4	61	1400
KSK 11x9	86421035	Yellow	1018	9.0 x 11.0	9.0 x 11.0	6 / 2	44	GP4	61G	1400
KSK 11x9	86421039	Red	2012	9.0 x 11.0	9.0 x 11.0	6 / 2	44	GP4	61R	1400
KSK 15x9	86421036	White	9016	9.0 x 15.0	9.0 x 15.0	8 / 2	44	GP4	63	1400
KSK 15x9	86421037	Yellow	1018	9.0 x 15.0	9.0 x 15.0	8 / 2	44	GP4	63G	1400
KSK 15x9	86421041	Red	2012	9.0 x 15.0	9.0 x 15.0	8 / 2	44	GP4	63R	1400
KSK 20x9	86421038	White	9016	9.0 x 20.0	9.0 x 20.0	11 / 2	20	GP4	66	680
KSK 20x9	86421088	Yellow	1018	9.0 x 20.0	9.0 x 20.0	11 / 2	20	GP4	66G	680
KSK 20x9	86421043	Red	2012	9.0 x 20.0	9.0 x 20.0	11 / 2	20	GP4	66R	680
KSK 35x9	86421045	White	9016	9.0 x 35.0	9.0 x 35.0	19 / 2	12	GP4	58W	360
KSK 35x9	86421047	Yellow	1018	9.0 x 35.0	9.0 x 35.0	19 / 2	12	GP4	58G	360
KSK 35x9	86421049	Red	2012	9.0 x 35.0	9.0 x 35.0	19 / 2	12	GP4	58R	360
KSK 70x9	86421051	White	9016	9.0 x 70.0	9.0 x 70.0	38 / 2	11	GP5	57W	330
KSK 70x9	86421053	Yellow	1018	9.0 x 70.0	9.0 x 70.0	38 / 2	11	GP5	57G	330
KSK 70x9	86421055	Red	2012	9.0 x 70.0	9.0 x 70.0	38 / 2	11	GP5	57R	330

No information about packing unit (VPE). Request a quotation for minimum order quantity please.

KSK 5x15	86421096	Red	2012	5.0 x 15.0	5.0 x 15.0	8 / 1	64	GP4	496	1024
KSK 6x15	86421097	Red	2012	6.0 x 15.0	6.0 x 15.0	8 / 1	64	GP4	498	1024

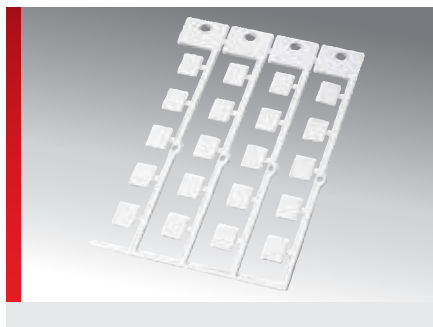
KSK (universal adhesive label) (Continued...)



Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
Long mat version										
KSK 20x9 L	86421240	White	9016	9.0 x 20.0	9.0 x 20.0	11 / 2	20	GP4	554	640
KSK 20x9 L	86421242	Yellow	1018	9.0 x 20.0	9.0 x 20.0	11 / 2	20	GP4	555	640
KSK 20x9 L	86421244	Red	2012	9.0 x 20.0	9.0 x 20.0	11 / 2	20	GP4	556	640

* Specifications of the label size / printable area is shown in Width x Length.

Type KSL







PRODUCT INFORMATION

KSL - for devices made by **Bosch/Rexroth** and **Lumberg**.

High-quality, halogen-free label plates to snap into devices.

The large printable area at the top allows room for individual project and component reference, dispensing with the need to organise additional systems.

SPECIFICATIONS

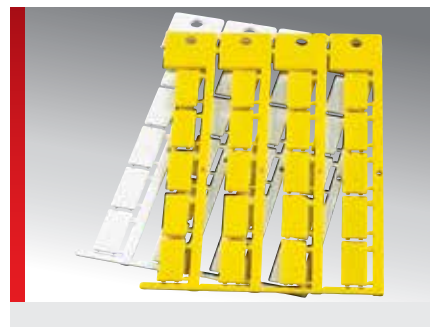
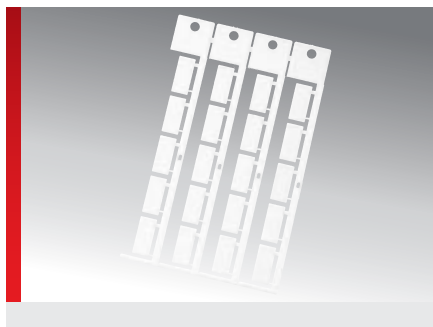
-  -40 – 130 °C
-  Polycarbonate (PC)
-  V0
-  Labelling distribution boxes



Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KSL 12x9	86421060	White	9016	9.0 x 12.0	9.0 x 12.0	6 / 2	20	GP4	170	380
KSL 20x9	86421062	White	9016	9.0 x 20.0	9.0 x 20.0	11 / 2	20	GP4	171	380

* Specifications of the label size / printable area is shown in Width x Length.

Type KSS



PRODUCT INFORMATION

KSS - for devices made by **ABB, Conta Clip, Escha, Festo, IFM, Pepperl + Fuchs, Siemens** and **Turck**.

High-quality, halogen-free label plates to snap into devices.

The large printable area at the top allows room for individual project and component reference, dispensing with the need to organise additional systems.

SPECIFICATIONS

- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Switch gear labelling



Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KSS 10x8 for ASI	86421006	White	9016	8.0 x 10.0	8.0 x 10.0	5 / 2	40	GP4	77	800
KSS 10x8 for ASI	86421008	Pastel turquoise	6034	8.0 x 10.0	8.0 x 10.0	5 / 2	40	GP4	78	800
KSS 20x9 ¹⁾	86421010	White	9016	9.0 x 20.0	9.0 x 20.0	11 / 2	20	GP4	67	380
KSS 20x9 ¹⁾	86421011	Yellow	1018	9.0 x 20.0	9.0 x 20.0	11 / 2	20	GP4	67G	380
KSS 20x9 ¹⁾	86421009	Pastel turquoise	6034	9.0 x 20.0	9.0 x 20.0	11 / 2	20	GP4	67P	380

* Specifications of the label size / printable area is shown in Width x Length.

¹⁾ Device location marking in conjunction with label holder BS 9, BS 10 or label rail BZS

Type KSZ



PRODUCT INFORMATION

KSZ - for heavy plug connectors by **Harting**. High-quality, halogen-free label plates for marking Harting connector housings (heavy connectors).

SPECIFICATIONS

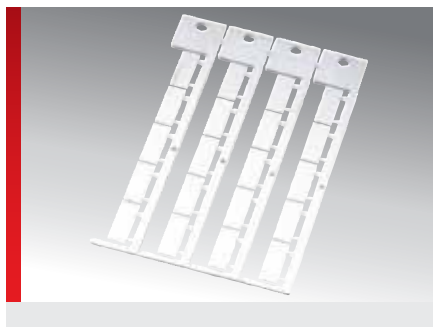
- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Connecting labelling

HF

Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KSZ 20x7	86421040	White	9016	7.0 x 20.0	7.0 x 20.0	11 / 2	20	GP1	200	100

* Specifications of the label size / printable area is shown in Width x Length.

Type KTE












PRODUCT INFORMATION

KTE - for devices made by **ABB**, **IFM**, **Murrelektronik** and **Telemecanique**. High-quality, halogen-free label plates to snap into devices.

The large printable area at the top allows room for individual project and component reference, dispensing with the need to organise additional systems.

SPECIFICATIONS

-  -40 – 130 °C
-  Polycarbonate (PC)
-  V0
-  Switch gear labelling

Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KTE 17x8	86421018	White	9016	8.0 x 17.0	8.0 x 17.0	9 / 2	20	GP4	73	340
KTE 21x8	86421014	White	9016	8.0 x 21.0	8.0 x 21.0	11 / 2	20	GP4	72	340

* Specifications of the label size / printable area is shown in Width x Length.

Type SKS



PRODUCT INFORMATION

SKS - for devices made by **Siemens** (Series **SIRIUS**) and devices by **Lütze**.
High-quality, halogen-free label plates to snap into components of the Siemens SIRIUS series.

The large printable area at the top of the SKS labels allows room to reference individual projects and components, dispensing with the need for additional organisational systems.

SPECIFICATIONS

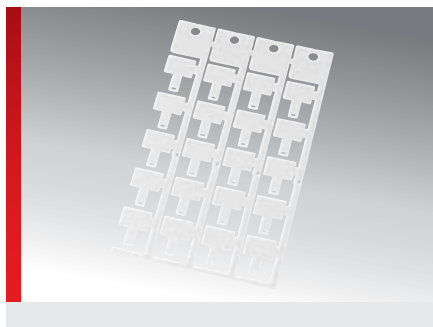
- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Switch gear labelling



Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
Label for Siemens SIRIUS series										
SKS 10x7 Sirius	86401652	White	9016	7.0 x 10.0	7.0 x 10.0	5 / 2	48	GP4	96	816
SKS 10x7 Sirius	86401668	Yellow	1018	7.0 x 10.0	7.0 x 10.0	5 / 2	48	GP4	136	816
SKS 10x7 Sirius	86401662	Pastel turquoise	6034	7.0 x 10.0	7.0 x 10.0	5 / 2	48	GP4	096	816
SKS 11x4 Sirius	86401658	White	9016	4.0 x 11.0	4.0 x 11.0	6 / 1	80	GP4	134	1200
SKS 11x4 Sirius	86401666	Yellow	1018	4.0 x 11.0	4.0 x 11.0	6 / 1	80	GP4	137	1200
SKS 11x4 Sirius	86401660	Pastel turquoise	6034	4.0 x 11.0	4.0 x 11.0	6 / 1	80	GP4	135	1200
SKS 20x7 Sirius	86401656	White	9016	7.0 x 20.0	7.0 x 20.0	11 / 2	20	GP4	95	340
SKS 20x7 Sirius	86401669	Yellow	1018	7.0 x 20.0	7.0 x 20.0	11 / 2	20	GP4	138	340
SKS 20x7 Sirius	86401664	Pastel turquoise	6034	7.0 x 20.0	7.0 x 20.0	11 / 2	20	GP4	095	340
Label for Siemens SIRIUS series, self-adhesive										
SKSK 20x7 Sirius	86401657	White	9016	7.0 x 20.0	7.0 x 20.0	11 / 2	20	GP4	95A	340
SKSK 20x7 Sirius	86401653	Pastel turquoise	6034	7.0 x 20.0	7.0 x 20.0	11 / 2	20	GP4	95B	340

* Specifications of the label size / printable area is shown in Width x Length.

Type SKS ET 200












PRODUCT INFORMATION

SKS ET 200 - for devices made by **Siemens** (Series **SIMATIC ET 200**).
High-quality, halogen-free label plates to snap into components of the Siemens SIMATIC series.

The large printable area at the top of the SKS ET 200 labels allows room to reference individual projects and components, dispensing with the need for additional organisational systems.

SPECIFICATIONS

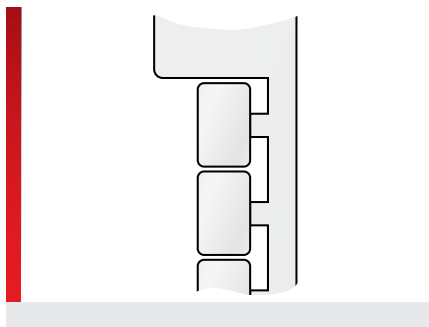
-  -40 – 130 °C
-  Polycarbonate (PC)
-  V0
-  Switch gear labelling

Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
SKS 15x10 ET 200	86401670	White	9016	10.0 x 15.0	10.0 x 15.0	8 / 2	20	GP4	437	680

* Specifications of the label size / printable area is shown in Width x Length.

Type WGO







PRODUCT INFORMATION





WGO - for devices made by **Wago**, **Beckhoff** and **Euchner**.

High-quality, halogen-free label plates to snap into devices.

The large printable area at the top allows room for individual project and component reference, dispensing with the need to organise additional systems.

SPECIFICATIONS

-  -40 – 130 °C
-  Polycarbonate (PC)
-  V0
-  For labelling equipment and connecting labelling

HF





Type	Order No.	Colour	RAL equiv.	Label size * mm	Printable area * mm	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
WGO 12/7	86401822	White	9016	7.0 x 12.0	7.0 x 12.0	6 / 2	36	GP4	140	750

* Specifications of the label size / printable area is shown in Width x Length.

ELO polycarbonate label, perforated



PRODUCT INFORMATION

High-quality polycarbonate sheet labels may be separated easily at the perforation; they are designed for single-line or multi-line inscribing with the Pictor printer, plotter and laser printer.

SPECIFICATIONS

- 40 – 140 °C
- Polycarbonate
- V0
- Single-line and multi-line inscription.
A4 sheets

Type	Order No.	Colour	Sheet labels size mm	Printable area mm	No. of columns	No. per sheet	Software type	Pack qty.
For labelling Siemens S7 assemblies¹⁾								
ELO 27.5x12.85 ¹⁾	86561268	Opaque	27.5 x 12.85	27.5 x 12.85	14	126	E24	1260
ELO 28x17,5 ¹⁾	86561267	Opaque	28.0 x 17.5	28.0 x 17.5	7	112	AAR	1120
ELO 50x12,85 ¹⁾	86561264	Opaque	50.0 x 12.85	50.0 x 12.85	14	70	E22	700
ELO 50x25,5 ¹⁾	86561266	Opaque	50.0 x 25.5	50.0 x 25.5	7	35	E23	350
ELO 103.5x17.45 ¹⁾	86561262	Opaque	103.5 x 17.45	103.5 x 17.45	10	20	E21	200
ELO 103.5x22.85 ¹⁾	86561260	Opaque	103.5 x 22.85	103.5 x 22.85	8	16	E20	160

¹⁾* The specified software types are blank templates. The predefined types EA0 and ED7 should be used for Siemens S7 assemblies.

KCS-ECO Siemens PLC, continuous








PRODUCT INFORMATION

The KCS-ECO label strips are made of a PET foil. The core diameter is "3". The label strips are used for the identification of Siemens series ET-200 and S7.

KCS-ECO endless rolls are available in the standard widths in white, yellow or pastel turquoise.

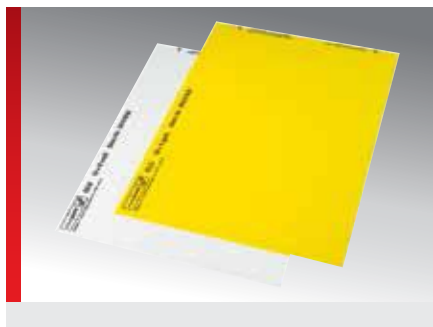
Suitable for mp-TM series thermal transfer printers.

SPECIFICATIONS

-  -40 – 150 °C
-  Polyethylene terephthalate (PET)
-  Can be inscribed with thermal transfer printer, 3 in roll core diameter
Primarily for inside use
-  

Type	Order No.	Colour	Roll width mm	Roll length m	Recommended colour ribbon	Software type	Pack qty.
KCS-ECO 12.9 - 15m	86513600	White	12.90	15.00	FB-TM 40 mm x 300 m	QJ0	15
KCS-ECO 12.9 - 15m	86513610	Yellow	12.90	15.00	FB-TM 40 mm x 300 m	QJ0	15
KCS-ECO 12.9 - 15m	86513620	Pastel turquoise	12.90	15.00	FB-TM 40 mm x 300 m	QJ0	15
KCS-ECO 17.5 - 15m	86513601	White	17.50	15.00	FB-TM 40 mm x 300 m	QJ1	15
KCS-ECO 17.5 - 15m	86513611	Yellow	17.50	15.00	FB-TM 40 mm x 300 m	QJ1	15
KCS-ECO 17.5 - 15m	86513621	Pastel turquoise	17.50	15.00	FB-TM 40 mm x 300 m	QJ1	15
KCS-ECO 22.9 - 15m	86513602	White	22.90	15.00	FB-TM 40 mm x 300 m	QJ2	15
KCS-ECO 22.9 - 15m	86513612	Yellow	22.90	15.00	FB-TM 40 mm x 300 m	QJ2	15
KCS-ECO 22.9 - 15m	86513622	Pastel turquoise	22.90	15.00	FB-TM 40 mm x 300 m	QJ2	15
KCS-ECO 25.5 - 15m	86513603	White	25.50	15.00	FB-TM 40 mm x 300 m	QJ3	15
KCS-ECO 25.5 - 15m	86513613	Yellow	25.50	15.00	FB-TM 40 mm x 300 m	QJ3	15
KCS-ECO 25.5 - 15m	86513623	Pastel turquoise	25.50	15.00	FB-TM 40 mm x 300 m	QJ3	15

ELW / ELG / ELPT - self-adhesive label











PRODUCT INFORMATION

Self-adhesive polyester labels on an A4 sheet, available in the colours white, yellow and pastel turquoise.

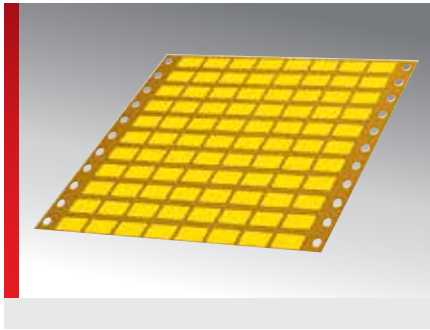
Easy handling because of the lock tabs. Clear positioning by labelling columns and lines.

SPECIFICATIONS

	-40 – 150 °C		
	Polyester film		
	V0		
	Single-line and multi-line inscription. A4 sheets		
			

Type	Order No.	Colour	RAL equiv.	Sheet labels size mm	Printable area mm	No. of columns	No. per sheet	Software type	Pack qty.
Labels on A4 sheet, self-adhesive, white									
ELW 11x9R	86561224	White	9016	11.0 x 9.0	11.0 x 9.0	16	400	95	4000
ELW 15x6R	86561228	White	9016	15.0 x 6.0	15.0 x 6.0	11	374	88L	3740
ELW 19x6R	86561220	White	9016	19.0 x 6.0	19.0 x 6.0	9	306	97	3060
ELW 19x8R	86561222	White	9016	19.0 x 8.0	19.0 x 8.0	10	270	99	2700
ELW 64x34R	86561226	White	9016	64.0 x 34.0	64.0 x 34.0	3	24	93	240
Labels on A4 sheet, self-adhesive, yellow									
ELG 11x9R	86562018	Yellow	1018	11.0 x 9.0	11.0 x 9.0	16	400	94	4000
ELG 15x6R	86562022	Yellow	1018	15.0 x 6.0	15.0 x 6.0	11	374	082	3740
ELG 19x6R	86562014	Yellow	1018	19.0 x 6.0	19.0 x 6.0	9	306	96	3060
ELG 19x8R	86562016	Yellow	1018	19.0 x 8.0	19.0 x 8.0	10	270	98	2700
ELG 64x34R	86562020	Yellow	1018	64.0 x 34.0	64.0 x 34.0	3	24	R91	240
Labels on A4 sheet, self-adhesive, pastel turquoise									
ELPT 19x6	86561820	Pastel turquoise	6034	19.0 x 6.0	19.0 x 6.0	9	306	110	3060

EDG self-adhesive textile label



PRODUCT INFORMATION

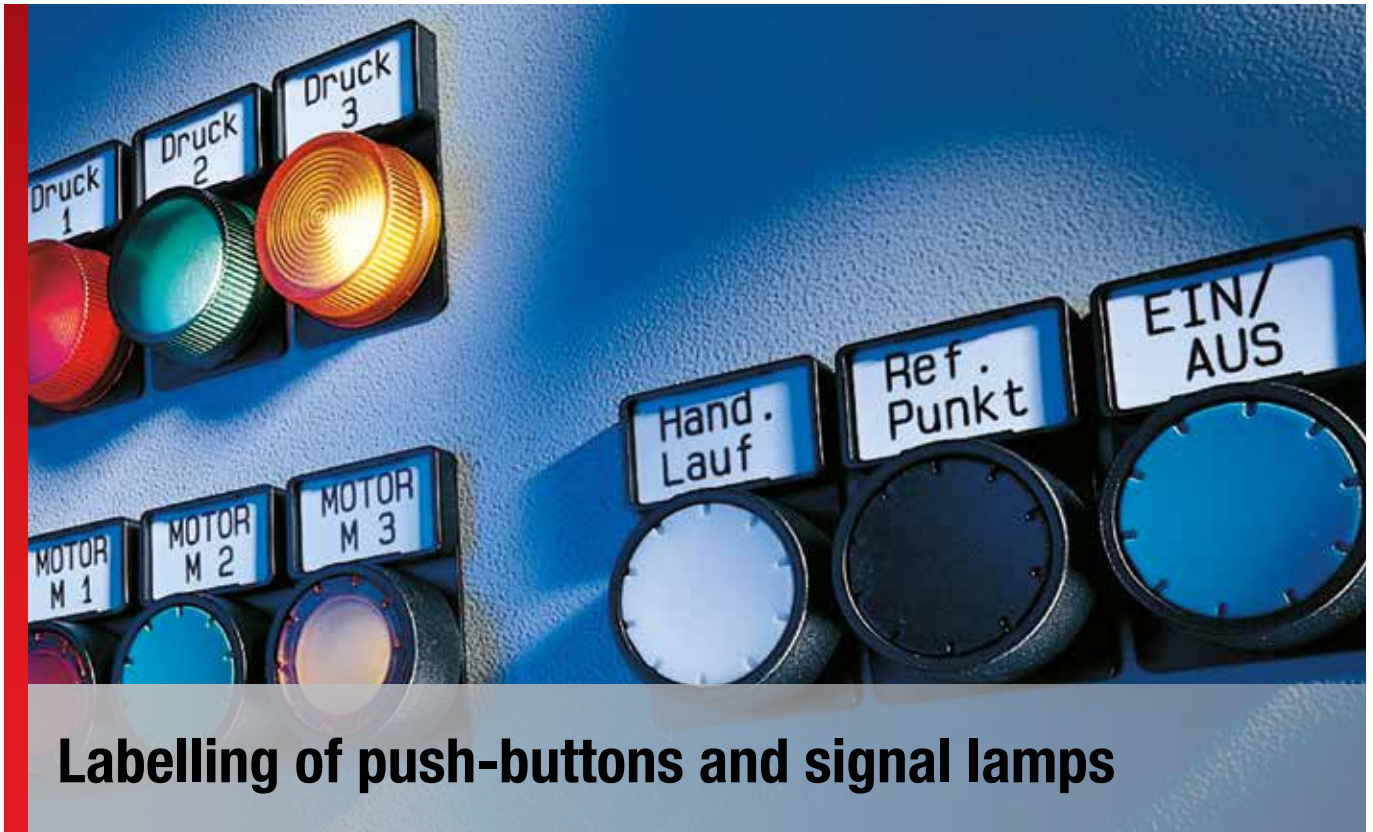
Self-adhesive textile labels in zig-zag fold and punched hole margin for matrix printers.

Especially tear resistant and therefore particularly well-suited for glueing edges.

SPECIFICATIONS

- 0 – 80 °C
- Reinforced textile
- Single-line and multi-line inscription
-
-

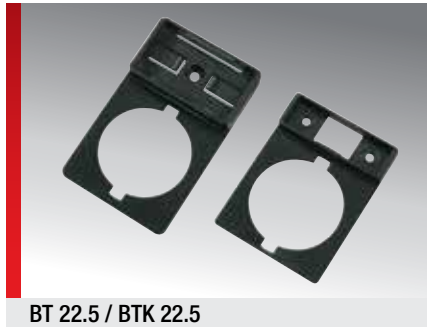
Type	Order No.	Colour	RAL equiv.	Sheet labels size mm	Printable area mm	No. of columns	No. per sheet	Software type	Pack qty.
EDG 15x10	86561630	Bright yellow	1026	15.0 x 10.0	15.0 x 10.0	12	336	1P	3360
EDG 18x9	86561620	Yellow	1018	18.0 x 9.0	18.0 x 9.0	8	96	50	9600



BT label holder



BT Harmony ZB4



BT 22.5 / BTK 22.5



BT 15/xx / BTK 15/xx

PRODUCT INFORMATION

The BT and BTK label holders are used for labelling non-proprietary components and assemblies.

Fastened with self-tapping screws.

Self-adhesive film is supplied with the BTK version as an installation aid.

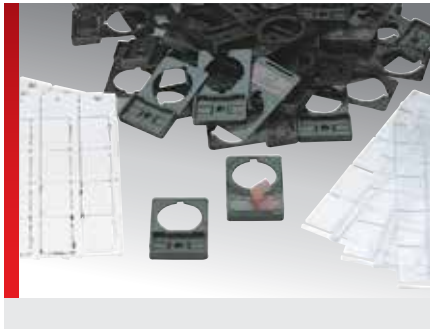
The transparent cover keeps the inserted label plates clean and free from mechanical load.

SPECIFICATIONS

- 40 – 80 °C
 - BT and BTK Polyvinyl chloride (PVC)
TA: Polycarbonate (PC)
 - V0
 - Single-line and multi-line inscription
-

Type	Order No.	Colour	Recommended label plate	Pack qty.
Label holders				
BT 15/27	86441010	Black	KS 15/27	250
BT 15/49	86441012	Black	KS 15/49	250
BT 15/67	86441014	Black	KS 15/67	250
Label holder with adhesive strip on the back				
BTK 15/27	86441210	Black	KS 15/27	250
BTK 15/49	86441212	Black	KS 15/49	250
BTK 15/67	86441214	Black	KS 15/67	250
Label holder for Ø 22.5 mm elements				
BT 22.5	86442018	Black	KS 8/26.5	250
Label holder for elements with Ø 22.5 mm, with adhesive strip on the back				
BTK 22.5	86441016	Black	KS 15/27	250
Label holder for Moeller elements with Ø 28 mm				
BT Harmony ZB4	86442016	Black	KS 8/26.5	250
Transparent cover for label holder				
TA 8/26.5	86441418	Transparent		480
TA 15/27	86441410	Transparent		480
TA 15/49	86441412	Transparent		240
TA 15/67	86441414	Transparent		120

Label holder BT and KS label with TA cover



PRODUCT INFORMATION

Four different small assortments are available for low volumes:

- **S-BTK 22.5 assortment** consisting of: each 48x BTK 22.5; KS 15/27; TA 15/27 and self-tapping screws.
- **S-BTK 15/27 product range** consisting of: each 48x BT 15/27; KS 15/27; TA 25/27 and self-tapping screws.

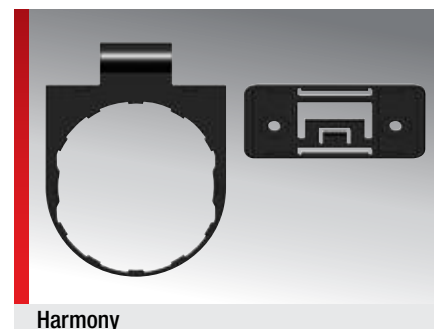
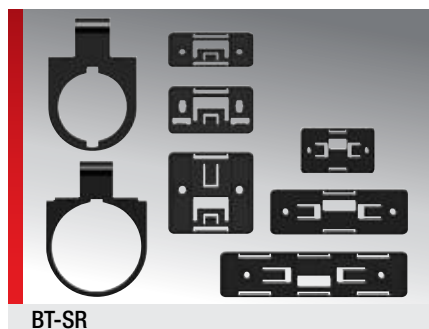
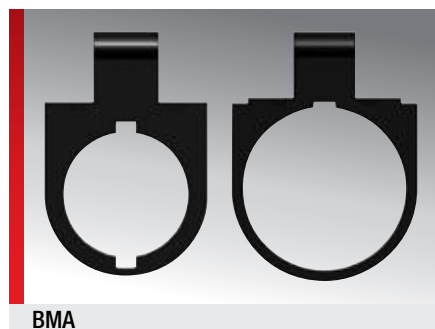
- **S-BTK 15/49 product range** consisting of: each 48x BT 15/49; KS 15/49; TA 15/49 and self-tapping screws.
- **S-BTK 15/67 product range** consisting of: each 48x BT 15/67; KS 15/67; TA 15/67 and self-tapping screws.

SPECIFICATIONS

- 40 – 80 °C
- BT: Polyvinyl chloride (PVC)
KS and TA: Polycarbonate (PC)
- V0
- Single-line and multi-line inscription

Type	Order No.	Colour	Pack qty.
S-BTK 22.5	86441610	Assortment	48
S-BTK 15/27	86441612	Assortment	48
S-BTK 15/49	86441614	Assortment	48
S-BTK 15/67	86441616	Assortment	48

Label holder BMA









PRODUCT INFORMATION

The BMA system is a flexible system for the labelling of push-buttons and signal lamps.

The neutral BMA type label holders can be equipped with various BT-SR type label frames, depending on the labelling requirement or request.

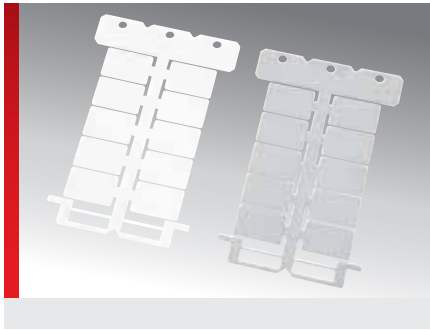
SPECIFICATIONS

-  -40 – 80 °C
-  BT-SR and BMA: Polyvinyl chloride (PVC)
TA: Polycarbonate (PC)
-  V0
-  Single-line and multi-line inscription

Type	Order No.	Colour	Recommended Label plate	Pack qty.
Holder standard				
BMA 22.5	86442020	Black		50
BMA 30.0	86442024	Black		50
Standard label frame				
BT-SR 15x27	86442034	Black	KS 15/27	10
BT-SR 15x49	86442036	Black	KS 15/49	10
BT-SR 15x67	86442038	Black	KS 15/67	10
BT-SR 27x12.5	86442028	Black	KSK 27x12.5	10
BT-SR 27x18	86442030	Black	KSK 27x18	10
BT-SR 27x27	86442032	Black	KSK 27x27	10
Holder Harmony				
BMA 22,5 Harmony	86442022	Black		50
Harmony label frame				
BT-SR 8x26.5 Harmony	86442026	Black	KS 8/26.5	10
BT-SR 27x18 Harmony	86442042	Black	KSK 27x18	10
Transparent cover for label holder				
TA 8/26.5	86441418	Transparent		
TA 15/27	86441410	Transparent		
TA 15/49	86441412	Transparent		
TA 15/67	86441414	Transparent		
TA 27/12.5	86441420	Transparent		216
TA 27/18	86441422	Transparent		180

KSK (label plate adhesive)



PRODUCT INFORMATION

High-quality, halogen-free, self-adhesive label.

- The KS 22x22 is suitable for Siemens 3SB push-button and signal lamp holders.
- The KSK 95x75 may be used alone, as a self-adhesive type plate, or with the TA 95x75 transparent cover with magnifying function (Item no. 86464014).

- Other available sizes of the self-adhesive KSK label are used with BT-SR label holders as well as label holders of other manufacturers.

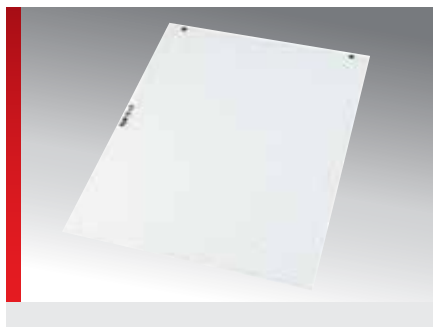
SPECIFICATIONS

- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Single-line and multi-line inscription

Type	Order No.	Colour	Label size * mm	Printable area * mm	No. characters/ lines	No. per frame	Base plate	Software type	Pack qty.
For Siemens 3SB push-button and signal lamp holders									
KSK 22x22	86361278	White	22.0 x 22.0	22.0 x 22.0	12 / 6	8	GP3	128	144
KSK 22x22	86361280	Grey	22.0 x 22.0	22.0 x 22.0	12 / 6	8	GP3	129	144
For BT-SR 27x12.5									
KSK 27x12,5	86361266	White	12.5 x 27.0	12.5 x 27.0	15 / 3	12	GP3	115	216
KSK 27x12,5	86361268	Grey	12.5 x 27.0	12.5 x 27.0	15 / 3	12	GP3	116	216
For BT-SR 27x18 and BT-SR 27x18 Harmony									
KSK 27x18	86361270	White	18.0 x 27.0	18.0 x 27.0	15 / 5	10	GP3	117	180
KSK 27x18	86361272	Grey	18.0 x 27.0	18.0 x 27.0	15 / 5	10	GP3	118	180
For BT-SR 27x27									
KSK 27x27	86361274	White	27.0 x 27.0	27.0 x 27.0	15 / 7	6	GP3	119	108
KSK 27x27	86361276	Grey	27.0 x 27.0	27.0 x 27.0	15 / 7	6	GP3	127	108
Base carrier type plate									
KSK 95x75	86464016	White	75.0 x 95.0	75.0 x 95.0	52 / 22	1	GP1	300	20

* Specifications of the label size / printable area is shown in Width x Length.

ELW polyester label / ELO polycarbonate label







PRODUCT INFORMATION

Labelling of Siemens 3SB push-button and signal lamp holders

High-quality sheet labels, made of Polyester foil in white (ELW) and made of Polycarbonate foil in opaque (ELO), for single and multi-line inscriptions.

The sheet labels are designated for laser printing in A4 format and may be separated to accommodate A5 format as needed.

SPECIFICATIONS

-  -40 – 140 °C
-  ELW label: Polyester film
ELO label: Polycarbonate foil
-  V0
-  Single-line and multi-line inscription.
A4 sheets



Type	Order No.	Colour	Sheet labels size mm	Sheet labels diameter mm	Labelling area mm	No. characters/lines	No. per sheet	Software type	Pack qty.
Polyester label, rectangular version									
ELW 22x22	86561248	White	22.0 x 22.0		22.0 x 22.0	12 / 6	70	M09	1050
ELW 27x12,5	86561244	White	27.0 x 12.5		27.0 x 12.5	15 / 3	96	M03	960
ELW 27x27	86561246	White	27.0 x 27.0		27.0 x 27.0	15 / 7	48	M05	960
Polycarbonate label, rectangular version									
ELO 28x17,5	86561242	Opaque	28.0 x 17.5		28.0 x 17.5	15 / 5	72	M07	1080
Polycarbonate label, round version									
ELO Ø17.9	86561240	Opaque		17.90			96	M01	960
ELO Ø18.8	86561241	Opaque		18.80			70	A91	700

KCT-ECO button labelling







PRODUCT INFORMATION

The KCT-ECO label plates are made of PE composite material on a transparent carrier film and a 3" core; they can be used as an alternative to the PC labels for key/button labelling.

KCT-ECO label plates for button labelling are available in various sizes in white or silver.

Suitable for mp-TM series thermal transfer printers.

SPECIFICATIONS

-  -40 – 90 °C
-  Polyethylene (PE)
-  Can be inscribed with thermal transfer printer, 3 in roll core diameter
Primarily for inside use
-  High tensile strength and tear resistance
In compliance with the requirements of REACH and RoHS

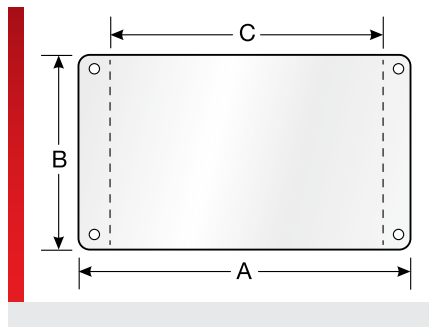


Type	Order No.	Colour	Sheet labels size mm	Roll width mm	Recommended colour ribbon	Software type	Pack qty.
KCT-ECO 22x22	86513200	White	22.0 x 22.0	28.00	FB-TM 40 mm x 300 m	QC0	900
KCT-ECO 22x22	86513250	Silver	22.0 x 22.0	28.00	FB-TM 40 mm x 300 m	QD0	900
KCT-ECO 27x12.5	86513201	White	27.0 x 12.5	33.00	FB-TM 40 mm x 300 m	QC1	900
KCT-ECO 27x12.5	86513251	Silver	27.0 x 12.5	33.00	FB-TM 40 mm x 300 m	QD1	900
KCT-ECO 27x15	86513202	White	27.0 x 15.0	33.00	FB-TM 40 mm x 300 m	QC2	900
KCT-ECO 27x15	86513252	Silver	27.0 x 15.0	33.00	FB-TM 40 mm x 300 m	QD2	900
KCT-ECO 27x18	86513203	White	27.0 x 18.0	33.00	FB-TM 40 mm x 300 m	QC3	900
KCT-ECO 27x18	86513253	Silver	27.0 x 18.0	33.00	FB-TM 40 mm x 300 m	QD3	900
KCT-ECO 27x27	86513204	White	27.0 x 27.0	33.00	FB-TM 40 mm x 300 m	QC4	900
KCT-ECO 27x27	86513254	Silver	27.0 x 27.0	33.00	FB-TM 40 mm x 300 m	QD4	900



System labelling

KST type plate



PRODUCT INFORMATION

Type plate for marking installations, components, housings, and appliances. Fixing with self-adhesive foil. The option of additional securing via rivets or screw-mounting.

Base plates

GPU 140x140 (pulsar)
GPU A4 (plotter)
Label plate (pictor²)

SPECIFICATIONS

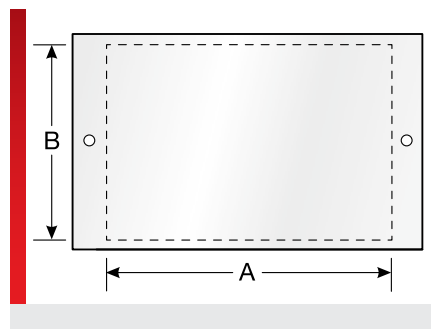
- 40 – 130 °C
- Polycarbonate
- V0
- Universal label holder

- HF
-
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-

Type	Order No.	Colour	Label size mm (A x B)	Printable area mm (C x B)	No. characters/ lines	Software type	Pack qty.
KST 52x26 R3	8607140006	White	52.0 x 26.0	37.0 x 26.0	20 / 7	L36	10
KST 74x37 R3	8607140005	White	74.0 x 37.0	59.0 x 37.0	32 / 10	L35	10
KST 84x54 R3	8607140004	White	84.0 x 54.0	69.0 x 54.0	38 / 15	L34	10
KST 100x60 R5	8607140003	White	100.0 x 60.0	82.5 x 60.0	45 / 17	L33	10
KST 120x70 R5	8607140002	White	120.0 x 70.0	102.5 x 70.0	56 / 20	L32	10
KST 139x85 R5	8607140001	White	139.0 x 85.0	121.5 x 85.0	67 / 25	L31	10
KST 139x139 R5	8607140000	White	139.0 x 139.0	121.5 x 139.0	67 / 40	L30	10

Type plate-set TS



PRODUCT INFORMATION

Type plate for marking installations, components, housings, and appliances. Additional protection with the transparent cover. Secure attachment with rivets or screw-mounting.

- The complete set consists of the KS base carrier and cover with TA zoom function. These parts are also available individually.
- Instead of the base carrier, you can also label the optional ELO insert and place it between the base carrier and cover.

SPECIFICATIONS

- 40 – 130 °C
- (KS label and transparent cover TA) Polycarbonate
(ELO label, perforated) Polyester film
- V0
- Universal label holder
- Printable KS base plates are halogen-free per DIN/VDE 0472, Part 815

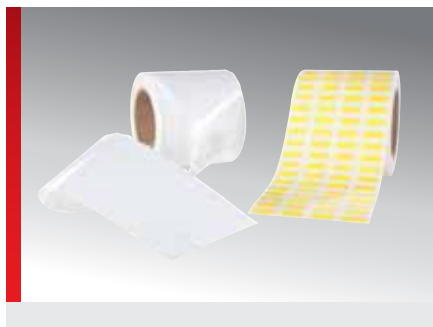
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Type	Order No.	Colour	Label size mm (A x B)	Sheet labels size mm	Printable area mm (C x B)	No. characters/lines	No. per frame	No. per sheet	Base plate type	Soft-ware type	Pack qty.
Complete set, consisting of printable base carrier and transparent cover with magnifying function											
TS 75x50	86464020	White / Transparent									10
TS 95x75	86464010	White / Transparent									10
Printable base carrier											
KS 75x50	86464022	White	75.0 x 50.0		75.0 x 50.0	41 / 14	1		GP1	301	20
KS 95x75	86464012	White	95.0 x 75.0		95.0 x 75.0	52 / 22	1		GP1	300	20
Transparent cover with magnifying function											
TA 75x50	86464024	Transparent									10
TA 95x75	86464014	Transparent									10
Perforated ELO insert label, suitable for TS type plate set											
ELO 95x55	86561263	Opaque		95.0 x 55.0	95.0 x 55.0	52 / 16		10		AAT	100
ELO 110x75	86561261	Opaque		110.0 x 75.0	110.0 x 75.0	61 / 22		4		AAS	40
Optional KSK 95x75 base carrier, self-adhesive (Pack 20 pcs.), part number 86464016 (not available as TS complete set)											



Thermal transfer labels

ECP-Premium polyester label







PRODUCT INFORMATION

Polyester label for any labelling purpose. Suitable for use in automotive, electronics industries, logistics, machine and plant construction, as well as in medical technology and in the chemical industry.

- Excellent adhesive properties on many surfaces.
- May also be used on powder coated surfaces
- UL and cUL recognised

Suitable for mp-TM series thermal transfer printers.

SPECIFICATIONS

-  -40 – 150 °C
-  Polyester film
-  Label rail with thermal transfer printer
Roll core diameter 3 inch
-  Self-extinguishing after 15 seconds.
Non-drip.



Type	Order No.	Colour	Label size Length x width mm	Roll width mm	Recommended colour ribbon	Software type	Pack qty.
ECP-Premium labels, white							
ECP-Premium 11x6	86511100	White	11.0 x 6.0	100.00	FB-TM 110 mm x 300 m	Q00	10000
ECP-Premium 11x9	86511101	White	11.0 x 9.0	100.00	FB-TM 110 mm x 300 m	Q01	10000
ECP-Premium 15x6	86511102	White	15.0 x 6.0	108.00	FB-TM 110 mm x 300 m	Q02	10000
ECP-Premium 18x6	86511103	White	18.0 x 6.0	108.00	FB-TM 110 mm x 300 m	Q03	10000
ECP-Premium 18x9	86511104	White	18.0 x 9.0	108.00	FB-TM 110 mm x 300 m	Q04	10000
ECP-Premium 20x8	86511114	White	20.0 x 8.0	108.00	FB-TM 110 mm x 300 m	Q12	10000
ECP-Premium 22x22	86511108	White	22.0 x 22.0	108.00	FB-TM 110 mm x 300 m	Q08	2500
ECP-Premium 27x12.5	86511105	White	27.0 x 12.5	108.00	FB-TM 110 mm x 300 m	Q05	5000
ECP-Premium 27x17.5	86511106	White	27.0 x 17.5	108.00	FB-TM 110 mm x 300 m	Q06	5000
ECP-Premium 27x27	86511107	White	27.0 x 27.0	108.00	FB-TM 110 mm x 300 m	Q07	2500
ECP-Premium 60x40	86511111	White	60.0 x 40.0	64.00	FB-TM 110 mm x 300 m	Q09	1500
ECP-Premium 90x60	86511112	White	90.0 x 60.0	94.00	FB-TM 110 mm x 300 m	Q10	1500
ECP-Premium 100x150	86511113	White	100.0 x 150.0	104.00	FB-TM 110 mm x 300 m	Q11	500
ECP-Premium labels, silver							
ECP-Premium 11x6	86511200	Silver	11.0 x 6.0	100.00	FB-TM 110 mm x 300 m	Q26	10000
ECP-Premium 11x9	86511201	Silver	11.0 x 9.0	100.00	FB-TM 110 mm x 300 m	Q27	10000
ECP-Premium 15x6	86511202	Silver	15.0 x 6.0	108.00	FB-TM 110 mm x 300 m	Q28	10000
ECP-Premium 15x250	86511220	Silver	15.0 x 250.0	95.00	FB-TM 110 mm x 300 m	QN5	1500
ECP-Premium 17x40	86511221	Silver	40.0 x 17.0	63.00	FB-TM 110 mm x 300 m	QN6	5000
ECP-Premium 18x6	86511203	Silver	18.0 x 6.0	108.00	FB-TM 110 mm x 300 m	Q29	10000
ECP-Premium 18x9	86511204	Silver	18.0 x 9.0	108.00	FB-TM 110 mm x 300 m	Q30	10000
ECP-Premium 18x52	86511224	Silver	18.0 x 52.0	82.00	FB-TM 110 mm x 300 m	Q01	5000
ECP-Premium 19x250	86511219	Silver	19.0 x 250.0	92.00	FB-TM 110 mm x 300 m	QN4	1200



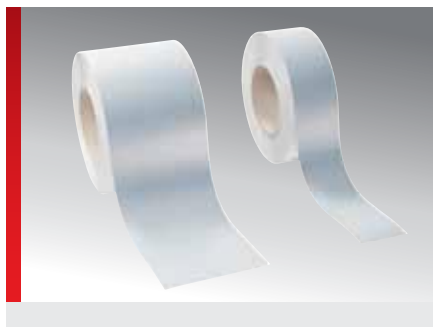
ECP-Premium polyester label (Continued...)

Type	Order No.	Colour	Label size Length x width mm	Roll width mm	Recommended colour ribbon	Software type	Pack qty.
ECP-Premium 20x8	86511214	Silver	20.0 x 8.0	108.00	FB-TM 110 mm x 300 m	Q38	10000
ECP-Premium 22x22	86511208	Silver	22.0 x 22.0	108.00	FB-TM 110 mm x 300 m	Q34	2500
ECP-Premium 27x12.5	86511205	Silver	27.0 x 12.5	108.00	FB-TM 110 mm x 300 m	Q31	5000
ECP-Premium 27x17.5	86511206	Silver	27.0 x 17.5	108.00	FB-TM 110 mm x 300 m	Q32	5000
ECP-Premium 27x27	86511207	Silver	27.0 x 27.0	108.00	FB-TM 110 mm x 300 m	Q33	2500
ECP-Premium 27x86	86511218	Silver	86.0 x 27.0	93.00	FB-TM 110 mm x 300 m	QN3	2700
ECP-Premium 45x110	86511223	Silver	45.0 x 110.0	98.00	FB-TM 110 mm x 300 m	QN8	1400
ECP-Premium 54x125	86511222	Silver	54.0 x 125.0	58.00	FB-TM 110 mm x 300 m	QN7	600
ECP-Premium 54x190	86511216	Silver	54.0 x 190.0	58.00	FB-TM 110 mm x 300 m	QN1	400
ECP-Premium 54x250	86511217	Silver	54.0 x 250.0	58.00	FB-TM 110 mm x 300 m	QN2	300
ECP-Premium 60x40	86511211	Silver	60.0 x 40.0	64.00	FB-TM 110 mm x 300 m	Q35	1500
ECP-Premium 90x60	86511212	Silver	90.0 x 60.0	94.00	FB-TM 110 mm x 300 m	Q36	1500
ECP-Premium 100x150	86511213	Silver	100.0 x 150.0	104.00	FB-TM 110 mm x 300 m	Q37	500
ECP-Premium 108x442	86511215	Silver	108.0 x 442.0	108.00	FB-TM 110 mm x 300 m	QN0	250

ECP-Premium labels, yellow

ECP-Premium 11x6	86511000	Yellow	11.0 x 6.0	100.00	FB-TM 110 mm x 300 m	Q13	10000
ECP-Premium 11x9	86511001	Yellow	11.0 x 9.0	100.00	FB-TM 110 mm x 300 m	Q14	10000
ECP-Premium 15x6	86511002	Yellow	15.0 x 6.0	108.00	FB-TM 110 mm x 300 m	Q15	10000
ECP-Premium 18x6	86511003	Yellow	18.0 x 6.0	108.00	FB-TM 110 mm x 300 m	Q16	10000
ECP-Premium 18x9	86511004	Yellow	18.0 x 9.0	108.00	FB-TM 110 mm x 300 m	Q17	10000
ECP-Premium 20x8	86511014	Yellow	20.0 x 8.0	108.00	FB-TM 110 mm x 300 m	Q25	10000
ECP-Premium 21x150	86511015	Yellow	21.0 x 150.0	94.00	FB-TM 110 mm x 300 m	Q02	500
ECP-Premium 22x22	86511008	Yellow	22.0 x 22.0	108.00	FB-TM 110 mm x 300 m	Q21	2500
ECP-Premium 27x12.5	86511005	Yellow	27.0 x 12.5	108.00	FB-TM 110 mm x 300 m	Q18	5000
ECP-Premium 27x17.5	86511006	Yellow	27.0 x 17.5	108.00	FB-TM 110 mm x 300 m	Q19	5000
ECP-Premium 27x27	86511007	Yellow	27.0 x 27.0	108.00	FB-TM 110 mm x 300 m	Q20	2500
ECP-Premium 45x250	86511016	Yellow	45.0 x 250.0	94.00	FB-TM 110 mm x 300 m	Q03	500
ECP-Premium 50x130	86511017	Yellow	50.0 x 130.0	108.00	FB-TM 110 mm x 300 m	Q05	500
ECP-Premium 60x40	86511011	Yellow	60.0 x 40.0	64.00	FB-TM 110 mm x 300 m	Q22	1500
ECP-Premium 70x400	86511018	Yellow	70.0 x 400.0	74.00	FB-TM 110 mm x 300 m	Q06	250
ECP-Premium 80x250	86511225	Yellow	80.0 x 250.0	84.00	FB-TM 110 mm x 300 m	Q04	250
ECP-Premium 90x60	86511012	Yellow	90.0 x 60.0	94.00	FB-TM 110 mm x 300 m	Q23	1500
ECP-Premium 100x150	86511013	Yellow	100.0 x 150.0	104.00	FB-TM 110 mm x 300 m	Q24	500

ECP-Premium continuous polyester label



PRODUCT INFORMATION






Continuous Polyester label for any labelling purpose. Suitable for use in automotive, electronics industries, logistics, machine and plant construction, as well as in medical technology and in the chemical industry.

- Continuous material allows the production of labels in any length

- Excellent adhesive properties on many surfaces
- May also be used on powder coated surfaces
- UL and cUL recognised

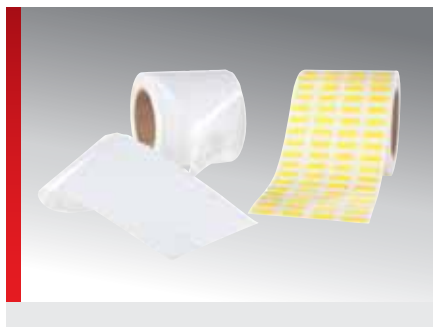
Suitable for mp-TM series thermal transfer printers.

SPECIFICATIONS

-  -40 – 150 °C
-  Polyester film
-  Label rail with thermal transfer printer
Roll core diameter 3 inch
-  Self-extinguishing after 15 seconds.
Non-drip.
- 

Type	Order No.	Colour	Sheet labels width mm	Roll length m	Recommended colour ribbon	Software type	Pack qty.
Infinite length roll materials							
ECP-Premium 15 - 100m	86511160	White	15.00	100.00	FB-TM 110 mm x 300 m	QP2	100
ECP-Premium 19 - 100m	86511161	White	19.00	100.00	FB-TM 110 mm x 300 m	QP1	100
ECP-Premium 25 - 100m	86511260	Silver	25.00	100.00	FB-TM 110 mm x 300 m	QQ0	100
ECP-Premium 50 - 100m	86511261	Silver	50.00	100.00	FB-TM 110 mm x 300 m	QQ1	100
ECP-Premium 54 - 100m	86511162	White	54.00	100.00	FB-TM 110 mm x 300 m	QP0	100
ECP-Premium 100 - 100m	86511060	Yellow	100.00	100.00	FB-TM 110 mm x 300 m	QR0	100
ECP-Premium 100 - 100m	86511262	Silver	100.00	100.00	FB-TM 110 mm x 300 m	QQ2	100

ECP-ECO polyester label



PRODUCT INFORMATION

Polyester label for any number of labelling needs. Suitable for use in the automotive, electronics industries, logistics, machine and plant construction.

- Good adhesive properties for many surfaces.
- Cost-effective solution

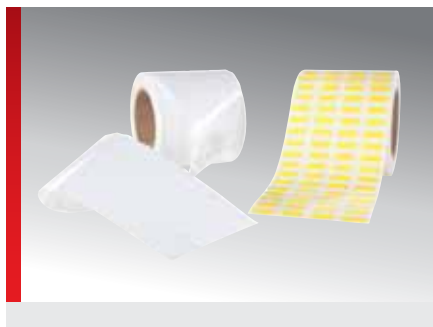
Suitable for mp-TM series thermal transfer printers.

SPECIFICATIONS

- 20 – 120 °C
- Polyester film
- Label rail with thermal transfer printer
Roll core diameter 3 inch
- Primarily for inside use

Type	Order No.	Colour	Label size Length x width mm	Roll width mm	Recommended colour ribbon	Software type	Pack qty.
ECP-ECO labels, white							
ECP-ECO 11x6	86511600	White	11.0 x 6.0	93.00	FB-TM 110 mm x 300 m	Q50	10000
ECP-ECO 11x9	86511601	White	11.0 x 9.0	93.00	FB-TM 110 mm x 300 m	Q51	10000
ECP-ECO 15x6	86511602	White	15.0 x 6.0	87.00	FB-TM 110 mm x 300 m	Q52	10000
ECP-ECO 18x6	86511603	White	18.0 x 6.0	102.00	FB-TM 110 mm x 300 m	Q53	10000
ECP-ECO 18x9	86511604	White	18.0 x 9.0	102.00	FB-TM 110 mm x 300 m	Q54	10000
ECP-ECO 22x22	86511608	White	22.0 x 22.0	98.00	FB-TM 110 mm x 300 m	Q58	10000
ECP-ECO 27x12.5	86511605	White	27.0 x 12.5	89.00	FB-TM 110 mm x 300 m	Q55	10000
ECP-ECO 27x17.5	86511606	White	27.0 x 17.5	89.00	FB-TM 110 mm x 300 m	Q56	10000
ECP-ECO 27x27	86511607	White	27.0 x 27.0	89.00	FB-TM 110 mm x 300 m	Q57	10000
ECP-ECO 60x40	86511611	White	60.0 x 40.0	64.00	FB-TM 110 mm x 300 m	Q59	2000
ECP-ECO 90x60	86511612	White	90.0 x 60.0	94.00	FB-TM 110 mm x 300 m	Q60	1500
ECP-ECO 100x150	86511613	White	100.0 x 150.0	104.00	FB-TM 110 mm x 300 m	Q61	600
ECP-ECO labels, silver							
ECP-ECO 11x6	86511700	Silver	11.0 x 6.0	93.00	FB-TM 110 mm x 300 m	Q74	10000
ECP-ECO 11x9	86511701	Silver	11.0 x 9.0	93.00	FB-TM 110 mm x 300 m	Q75	10000
ECP-ECO 15x6	86511702	Silver	15.0 x 6.0	87.00	FB-TM 110 mm x 300 m	Q76	10000
ECP-ECO 18x6	86511703	Silver	18.0 x 6.0	102.00	FB-TM 110 mm x 300 m	Q77	10000
ECP-ECO 18x9	86511704	Silver	18.0 x 9.0	102.00	FB-TM 110 mm x 300 m	Q78	10000
ECP-ECO 22x22	86511708	Silver	22.0 x 22.0	98.00	FB-TM 110 mm x 300 m	Q82	10000
ECP-ECO 27x12.5	86511705	Silver	27.0 x 12.5	89.00	FB-TM 110 mm x 300 m	Q79	10000
ECP-ECO 27x17.5	86511706	Silver	27.0 x 17.5	89.00	FB-TM 110 mm x 300 m	Q80	10000
ECP-ECO 27x27	86511707	Silver	27.0 x 27.0	89.00	FB-TM 110 mm x 300 m	Q81	10000
ECP-ECO 60x40	86511711	Silver	60.0 x 40.0	64.00	FB-TM 110 mm x 300 m	Q83	2000

ECP-ECO polyester label (Continued...)



Type	Order No.	Colour	Label size Length x width mm	Roll width mm	Recommended colour ribbon	Software type	Pack qty.
ECP-ECO 90x60	86511712	Silver	90.0 x 60.0	94.00	FB-TM 110 mm x 300 m	Q84	1500
ECP-ECO 100x150	86511713	Silver	100.0 x 150.0	104.00	FB-TM 110 mm x 300 m	Q85	600
ECP-ECO labels, yellow							
ECP-ECO 11x6	86511500	Yellow	11.0 x 6.0	93.00	FB-TM 110 mm x 300 m	Q62	10000
ECP-ECO 11x9	86511501	Yellow	11.0 x 9.0	93.00	FB-TM 110 mm x 300 m	Q63	10000
ECP-ECO 15x6	86511502	Yellow	15.0 x 6.0	87.00	FB-TM 110 mm x 300 m	Q64	10000
ECP-ECO 18x6	86511503	Yellow	18.0 x 6.0	102.00	FB-TM 110 mm x 300 m	Q65	10000
ECP-ECO 18x9	86511504	Yellow	18.0 x 9.0	102.00	FB-TM 110 mm x 300 m	Q66	10000
ECP-ECO 22x22	86511508	Yellow	22.0 x 22.0	98.00	FB-TM 110 mm x 300 m	Q70	10000
ECP-ECO 27x12.5	86511505	Yellow	27.0 x 12.5	89.00	FB-TM 110 mm x 300 m	Q67	10000
ECP-ECO 27x17.5	86511506	Yellow	27.0 x 17.5	89.00	FB-TM 110 mm x 300 m	Q68	10000
ECP-ECO 27x27	86511507	Yellow	27.0 x 27.0	89.00	FB-TM 110 mm x 300 m	Q69	10000
ECP-ECO 60x40	86511511	Yellow	60.0 x 40.0	64.00	FB-TM 110 mm x 300 m	Q71	2000
ECP-ECO 90x60	86511512	Yellow	90.0 x 60.0	94.00	FB-TM 110 mm x 300 m	Q72	1500
ECP-ECO 100x150	86511513	Yellow	100.0 x 150.0	104.00	FB-TM 110 mm x 300 m	Q73	600

TEA - polyester label



PRODUCT INFORMATION

The TEA (Thermotransfer-Etikett-Automotive) label series was developed especially for the automotive industry to meet the need for an efficient, customer optimised solution. It complies with the current requirements. Polyester 50 µm film comes with a slight gloss and a surface coating to ensure outstanding colour fixing when inscribing with thermal transfer print systems and synthetic resin-based thermal transfer ribbons. The smooth surface of the material enables full-coverage colour transfer, ensuring precise lettering. The polyester labels are suitable for adhesion to metal, gloss paints and high surface energy plastics. The permanent ac-






rylate adhesive exhibits high initial adhesion and at least 1006 N/m FTM 1 on steel after 72 hours. The silver polyester labels are UL-certified for thermal transfer printing using our resin ribbons.

TEA - Polyester labels are suitable for

- Device identification in areas protected from the weather
- Components with smooth surfaces
- Components without curves or corners

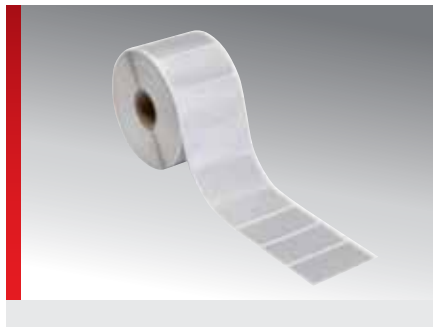
Suitable for mp-TM series thermal transfer printers and pavonis (with external unwinder).

SPECIFICATIONS

	-40 – 150 °C
	Polyester film
	Label rail with thermal transfer printer Roll core diameter 3 inch
	

Type	Order No.	Colour	Label size Length x width mm	Roll width mm	Recommended colour ribbon	Software type	Pack qty.
Rectangular design							
TEA 15x250	86496555	Silver	15.0 x 250.0	97.00	FH 110mm x 300m	QR6	1500
TEA 18x52	86496557	Silver	18.0 x 52.0	104.00	FH 110mm x 300m	QR8	5000
TEA 19x250	86496556	Silver	19.0 x 250.0	104.00	FH 110mm x 300m	QR7	1000
TEA 26x70	86496558	Silver	26.0 x 70.0	96.00	FH 110mm x 300m	QR9	2500
TEA 27x86	86496559	Silver	27.0 x 86.0	99.00	FH 110mm x 300m	QS0	2000
TEA 45x110	86496560	Silver	45.0 x 110.0	102.00	FH 110mm x 300m	QS1	1300
TEA 54x125	86496552	Silver	54.0 x 125.0	58.00	FH 110mm x 300m	QR3	500
TEA 54x188	86496553	Silver	54.0 x 188.0	58.00	FH 110mm x 300m	QR4	400
TEA 54x250	86496554	Silver	54.0 x 250.0	58.00	FH 110mm x 300m	QR5	300
TEA 70x213	86496561	Silver	70.0 x 213.0	76.00	FH 110mm x 300m	QS2	350
TEA 100x150	86496550	Silver	100.0 x 150.0	104.00	FH 110mm x 300m	QR1	500
TEA 105x429	86496551	Silver	105.0 x 429.0	108.00	FH 110mm x 300m	QR2	180

TEP - polyester label



PRODUCT INFORMATION

Polyester 50 µm film comes with a slight gloss and a surface coating to ensure outstanding colour fixing when inscribing with thermal transfer print systems and synthetic resin-based thermal transfer ribbons. The smooth surface of the material enables full-coverage colour transfer, ensuring precise lettering. The polyester labels are suitable for adhesion to metal, gloss paints and high surface energy plastics. The permanent acrylate adhesive exhibits high initial adhesion and at least 1006 N/m FTM 1 on steel after 72 hours. The silver polyester labels are UL-




certified for thermal transfer printing using our resin ribbons.



TEP - Polyester labels are suitable for

- Device identification in areas protected from the weather
- Components with smooth surfaces
- Components without curves or corners

Suitable for use with pavonis thermal transfer printers and the mp-TM series (with external unwinder).

SPECIFICATIONS

-  -40 – 150 °C
-  Polyester film
-  Label rail with thermal transfer printer
Roll core diameter 1 inch

Type	Order No.	Colour	Label size Length x width mm	Sheet labels diameter mm	Roll width mm	Recommended colour ribbon	Software type	Pack qty.
Rectangular design								
TEP 6.35x6.35	86496100	White	6.35 x 6.35		104.00	FH 90mm x 300m	N00	10000
TEP 12.7x11	86496101	White	12.7 x 11.0		85.00	FH 90mm x 300m	N01	10000
TEP 12.7x11	86496301	Yellow	12.7 x 11.0		85.00	FH 90mm x 300m	O01	10000
TEP 12.7x11	86496501	Silver	12.7 x 11.0		85.00	FH 90mm x 300m	P01	10000
TEP 15x6,35	86496102	White	15.0 x 6.35		105.00	FH 110mm x 300m	N02	10000
TEP 15x6,35	86496302	Yellow	15.0 x 6.35		105.00	FH 110mm x 300m	O02	10000
TEP 15x6,35	86496502	Silver	15.0 x 6.35		105.00	FH 110mm x 300m	P02	10000
TEP 16x9	86496103	White	16.0 x 9.0		98.00	FH 110mm x 300m	N03	10000
TEP 16x9	86496303	Yellow	16.0 x 9.0		98.00	FH 110mm x 300m	O03	10000
TEP 16x9	86496503	Silver	16.0 x 9.0		98.00	FH 110mm x 300m	P03	10000
TEP 16.5x5.1	86496104	White	16.5 x 5.1		80.00	FH 80mm x 300m	N04	10000
TEP 16.5x5.1	86496304	Yellow	16.5 x 5.1		80.00	FH 80mm x 300m	O04	10000
TEP 16.5x5.1	86496504	Silver	16.5 x 5.1		80.00	FH 80mm x 300m	P04	10000
TEP 17x7,4	86496105	White	17.0 x 7.4		96.00	FH 110mm x 300m	N05	10000
TEP 17x7,4	86496305	Yellow	17.0 x 7.4		96.00	FH 110mm x 300m	O05	10000
TEP 18x8	86496106	White	18.0 x 8.0		105.00	FH 110mm x 300m	N06	10000
TEP 18x8	86496306	Yellow	18.0 x 8.0		105.00	FH 110mm x 300m	O06	10000
TEP 18x8	86496506	Silver	18.0 x 8.0		105.00	FH 110mm x 300m	P06	10000
TEP 18x12,7	86496107	White	18.0 x 12.7		93.00	FH 110mm x 300m	N07	10000
TEP 18x12,7	86496507	Silver	18.0 x 12.7		93.00	FH 110mm x 300m	P07	10000
TEP 19x6,35	86496108	White	19.0 x 6.35		85.00	FH 90mm x 300m	N08	10000
TEP 19x6,35	86496308	Yellow	19.0 x 6.35		85.00	FH 90mm x 300m	O08	10000

TEP - polyester label (Continued...)



Type	Order No.	Colour	Label size Length x width mm	Sheet labels diameter mm	Roll width mm	Recommended colour ribbon	Software type	Pack qty.
TEP 19x6,35	86496508	Silver	19.0 x 6.35		85.00	FH 90mm x 300m	P08	10000
TEP 20x8	86496109	White	20.0 x 8.0		105.00	FH 110mm x 300m	N09	10000
TEP 20x8	86496309	Yellow	20.0 x 8.0		105.00	FH 110mm x 300m	O09	10000
TEP 20x8	86496509	Silver	20.0 x 8.0		105.00	FH 110mm x 300m	P09	10000
TEP 20x9	86496110	White	20.0 x 9.0		101.00	FH 110mm x 300m	N10	10000
TEP 20x9	86496310	Yellow	20.0 x 9.0		101.00	FH 110mm x 300m	O10	10000
TEP 20x9	86496510	Silver	20.0 x 9.0		101.00	FH 110mm x 300m	P10	10000
TEP 22x22	86496545	Silver	22.0 x 22.0		90.00	FH 90mm x 300m	P45	10000
TEP 23x6	86496111	White	23.0 x 6.0		110.00	FH 110mm x 300m	N11	10000
TEP 25x8	86496112	White	25.0 x 8.0		85.00	FH 90mm x 300m	N12	10000
TEP 25x8	86496312	Yellow	25.0 x 8.0		85.00	FH 90mm x 300m	O12	10000
TEP 25x8	86496512	Silver	25.0 x 8.0		85.00	FH 90mm x 300m	P12	10000
TEP 25.4x12.7	86496113	White	25.4 x 12.7		85.00	FH 90mm x 300m	N13	9000
TEP 25.4x12.7	86496313	Yellow	25.4 x 12.7		85.00	FH 90mm x 300m	O13	9000
TEP 25.4x12.7	86496513	Silver	25.4 x 12.7		85.00	FH 90mm x 300m	P13	9000
TEP 27x12,5	86496548	Silver	27.0 x 12.5		90.00	FH 90mm x 300m	P48	10000
TEP 27x18	86496547	Silver	27.0 x 18.0		90.00	FH 90mm x 300m	P47	10000
TEP 27x27	86496546	Silver	27.0 x 27.0		90.00	FH 90mm x 300m	P46	10000
TEP 31.8x9.4	86496114	White	31.8 x 9.4		70.00	FH 70mm x 300m	N14	10000
TEP 31.8x9.4	86496314	Yellow	31.8 x 9.4		70.00	FH 70mm x 300m	O14	10000
TEP 31.8x9.4	86496514	Silver	31.8 x 9.4		70.00	FH 70mm x 300m	P14	10000
TEP 36x12,7	86496115	White	36.0 x 12.7		80.00	FH 80mm x 300m	N15	10000
TEP 36x12,7	86496315	Yellow	36.0 x 12.7		80.00	FH 80mm x 300m	O15	10000
TEP 36x12,7	86496515	Silver	36.0 x 12.7		80.00	FH 80mm x 300m	P15	10000
TEP 38.1x6.35	86496116	White	38.1 x 6.35		85.00	FH 90mm x 300m	N16	10000
TEP 38.1x6.35	86496516	Silver	38.1 x 6.35		85.00	FH 90mm x 300m	P16	10000
TEP 38x19	86496117	White	38.0 x 19.0		85.00	FH 90mm x 300m	N17	4000
TEP 38x19	86496317	Yellow	38.0 x 19.0		85.00	FH 90mm x 300m	O17	4000
TEP 38x19	86496517	Silver	38.0 x 19.0		85.00	FH 90mm x 300m	P17	4000
TEP 38x23	86496118	White	38.0 x 23.0		85.00	FH 90mm x 300m	N18	3000
TEP 38x23	86496318	Yellow	38.0 x 23.0		85.00	FH 90mm x 300m	O18	3000
TEP 38x23	86496518	Silver	38.0 x 23.0		85.00	FH 90mm x 300m	P18	3000
TEP/S 45x40	86492300	Yellow	45.0 x 40.0		94.00	FH 110mm x 300m	O55	1500
TEP 48x8	86496119	White	48.0 x 8.0		56.00	FH 60mm x 300m	N19	10000
TEP 48x8	86496519	Silver	48.0 x 8.0		56.00	FH 60mm x 300m	P19	10000
TEP 50.8x25.4	86496120	White	50.8 x 25.4		57.00	FH 60mm x 300m	N20	3000
TEP 50.8x25.4	86496320	Yellow	50.8 x 25.4		57.00	FH 60mm x 300m	O20	3000

TEP - polyester label (Continued...)

Type	Order No.	Colour	Label size Length x width mm	Sheet labels diameter mm	Roll width mm	Recommended colour ribbon	Software type	Pack qty.
TEP 50.8x25.4	86496520	Silver	50.8 x 25.4		57.00	FH 60mm x 300m	P20	3000
TEP 55x15	86496121	White	55.0 x 15.0		60.00	FH 60mm x 300m	N21	5000
TEP 55x15	86496321	Yellow	55.0 x 15.0		60.00	FH 60mm x 300m	O21	5000
TEP 55x15	86496521	Silver	55.0 x 15.0		60.00	FH 60mm x 300m	P21	5000
TEP 56x9,5	86496122	White	56.0 x 9.5		60.00	FH 60mm x 300m	N22	3000
TEP 60x34	86496123	White	60.0 x 34.0		64.00	FH 70mm x 300m	N23	2500
TEP 60x34	86496323	Yellow	60.0 x 34.0		64.00	FH 70mm x 300m	O23	2500
TEP 60x34	86496523	Silver	60.0 x 34.0		64.00	FH 70mm x 300m	P23	2500
TEP 60x40	86496124	White	60.0 x 40.0		64.00	FH 70mm x 300m	N24	2500
TEP 60x40	86496324	Yellow	60.0 x 40.0		64.00	FH 70mm x 300m	O24	2500
TEP 60x40	86496524	Silver	60.0 x 40.0		64.00	FH 70mm x 300m	P24	2500
TEP 70x25,4	86496125	White	70.0 x 25.4		76.00	FH 80mm x 300m	N25	3000
TEP 70x25,4	86496325	Yellow	70.0 x 25.4		76.00	FH 80mm x 300m	O25	3000
TEP 70x25,4	86496525	Silver	70.0 x 25.4		76.00	FH 80mm x 300m	P25	3000
TEP 70x32	86496126	White	70.0 x 32.0		76.00	FH 80mm x 300m	N26	3000
TEP 70x32	86496326	Yellow	70.0 x 32.0		76.00	FH 80mm x 300m	O26	3000
TEP 70x32	86496526	Silver	70.0 x 32.0		76.00	FH 80mm x 300m	P26	3000
TEP 74x37	86496127	White	74.0 x 37.0		80.00	FH 80mm x 300m	N27	2000
TEP 74x37	86496327	Yellow	74.0 x 37.0		80.00	FH 80mm x 300m	O27	2000
TEP 74x37	86496527	Silver	74.0 x 37.0		80.00	FH 80mm x 300m	P27	2000
TEP 76.2x25.4	86496128	White	76.2 x 25.4		80.00	FH 80mm x 300m	N28	3000
TEP 76.2x25.4	86496328	Yellow	76.2 x 25.4		80.00	FH 80mm x 300m	O28	3000
TEP 76.2x25.4	86496528	Silver	76.2 x 25.4		80.00	FH 80mm x 300m	P28	3000
TEP 76.2x50.8	86496129	White	76.2 x 50.8		80.00	FH 80mm x 300m	N29	2500
TEP 76.2x50.8	86496329	Yellow	76.2 x 50.8		80.00	FH 80mm x 300m	O29	2500
TEP 76.2x50.8	86496529	Silver	76.2 x 50.8		80.00	FH 80mm x 300m	P29	2500
TEP 80x8	86496130	White	80.0 x 8.0		85.00	FH 90mm x 300m	N30	3000
TEP 80x8	86496530	Silver	80.0 x 8.0		85.00	FH 90mm x 300m	P30	3000
TEP 80x40	86496131	White	80.0 x 40.0		85.00	FH 90mm x 300m	N31	3000
TEP 80x40	86496331	Yellow	80.0 x 40.0		85.00	FH 90mm x 300m	O31	3000
TEP 80x40	86496531	Silver	80.0 x 40.0		85.00	FH 90mm x 300m	P31	3000
TEP 90x45	86496132	White	90.0 x 45.0		96.00	FH 110mm x 300m	N32	2500
TEP 90x45	86496532	Silver	90.0 x 45.0		96.00	FH 110mm x 300m	P32	2500
TEP 90x60	86496133	White	90.0 x 60.0		96.00	FH 110mm x 300m	N33	2000
TEP 90x60	86496333	Yellow	90.0 x 60.0		96.00	FH 110mm x 300m	O33	2000
TEP 90x60	86496533	Silver	90.0 x 60.0		96.00	FH 110mm x 300m	P33	2000
TEP 100x150	86496134	White	100.0 x 150.0		104.00	FH 110mm x 300m	N34	500
TEP 100x150	86496334	Yellow	100.0 x 150.0		104.00	FH 110mm x 300m	O34	500
TEP 100x150	86496534	Silver	100.0 x 150.0		104.00	FH 110mm x 300m	P34	500
TEP 105x52	86496135	White	105.0 x 52.0		110.00	FH 110mm x 300m	N35	1000
TEP 105x52	86496335	Yellow	105.0 x 52.0		110.00	FH 110mm x 300m	O35	1000
TEP 105x52	86496535	Silver	105.0 x 52.0		110.00	FH 110mm x 300m	P35	1000
TEP 105x52	86496145	Signal yellow	105.0 x 52.0		110.00	FH 110mm x 300m	A67	1000
Safety label								
TEP 16x9	86496549	Silver	16.0 x 9.0		98.00	FH 110mm x 300m	N81	10000

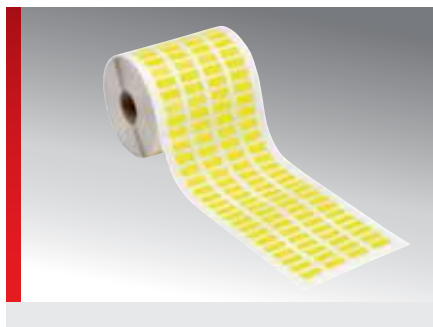
TEP - polyester label (Continued...)



Type	Order No.	Colour	Label size Length x width mm	Sheet labels diameter mm	Roll width mm	Recommended colour ribbon	Software type	Pack qty.
Round design								
TEP Ø 30,0	86496340	Yellow		30.00	108.00	FH 110mm x 300m	O40	3000
TEP Ø 30,0	86496540	Silver		30.00	108.00	FH 110mm x 300m	P40	3000
Continuous-feed material; roll length 40 m¹⁾								
TEP 25E ¹⁾	86496141	White	25.0		30.00	FH 40mm x 300m	N41	40
TEP 25E ¹⁾	86496541	Silver	25.0		30.00	FH 40mm x 300m	P41	40
TEP 50E ¹⁾	86496142	White	50.0		55.00	FH+ 55mm x 300m	N42	40
TEP 50E ¹⁾	86496342	Yellow	50.0		55.00	FH+ 55mm x 300m	O42	40
TEP 50E ¹⁾	86496542	Silver	50.0		55.00	FH+ 55mm x 300m	P42	40
TEP 75E ¹⁾	86496143	White	75.0		80.00	FH 80mm x 300m	N43	40
TEP 75E ¹⁾	86496343	Yellow	75.0		80.00	FH 80mm x 300m	O43	40
TEP 75E ¹⁾	86496543	Silver	75.0		80.00	FH 80mm x 300m	P43	40
TEP 100E ¹⁾	86496144	White	100.0		105.00	FH 110mm x 300m	N44	40
TEP 100E ¹⁾	86496344	Yellow	100.0		105.00	FH 110mm x 300m	O44	40
TEP 100E ¹⁾	86496544	Silver	100.0		105.00	FH 110mm x 300m	P44	40

¹⁾Label size information for continuous-feed material = label size

TEG - fabric label



PRODUCT INFORMATION

This self-adhesive, silicon-free, woven nylon fabric is both flexible and tear-resistant. Fabric labels have a surface coating to ensure outstanding colour fixing when lettering using thermal transfer print systems and resin- or wax/resin-based thermal transfer ribbons. The permanent acrylate adhesive features high initial adhesion, meaning labels can be processed easily. These labels are especially well suited for marking electrical systems, tagging devices, for adhesion over edges or radii, for cable designations or for use in switching cabinet installations.

- TEG - fabric labels are suitable for
- device identification of all kinds
 - components with smooth and textured surface finishes
 - components with and without curves or corners

Suitable for use with pavonis thermal transfer printers and the mp-TM series (with external unwinder).

SPECIFICATIONS

- 30 – 100 °C
- Nylon fabric
- Label rail with thermal transfer printer
Roll core diameter 1 inch

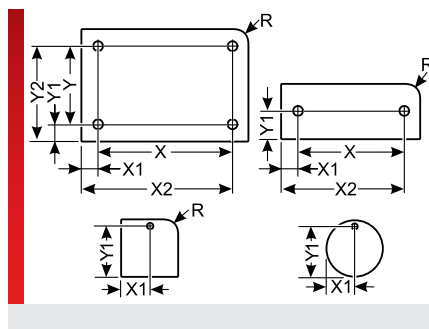


Type	Order No.	Colour	Label size Length x width mm	Roll width mm	Recommended colour ribbon	Software type	Pack qty.
TEG 11x6	86497121	White	11.0 x 6.0	94.00	FH 110mm x 300m	N80	10000
TEG 15x6	86497315	Yellow	15.0 x 6.0	105.00	FH 110mm x 300m	071	10000
TEG 15x9	86497116	White	15.0 x 9.0	105.00	FH 110mm x 300m	N72	10000
TEG 15x9	86497316	Yellow	15.0 x 9.0	105.00	FH 110mm x 300m	072	10000
TEG 17x6	86497317	Yellow	17.0 x 6.0	96.00	FH 110mm x 300m	073	10000
TEG 17x9	86497318	Yellow	17.0 x 9.0	96.00	FH 110mm x 300m	074	10000
TEG 18x8	86497100	White	18.0 x 8.0	105.00	FH 110mm x 300m	N56	10000
TEG 18x8	86497300	Yellow	18.0 x 8.0	105.00	FH 110mm x 300m	056	10000
TEG 19x6	86497319	Yellow	19.0 x 6.0	85.00	FH 90mm x 300m	075	10000
TEG 19x9	86497320	Yellow	19.0 x 9.0	85.00	FH 90mm x 300m	076	10000
TEG 20x8	86497102	White	20.0 x 8.0	105.00	FH 110mm x 300m	N58	10000
TEG 20x8	86497302	Yellow	20.0 x 8.0	105.00	FH 110mm x 300m	058	10000
TEG 25x8	86497305	Yellow	25.0 x 8.0	85.00	FH 90mm x 300m	061	10000
TEG 25.4x12.7	86497106	White	25.4 x 12.7	85.00	FH 90mm x 300m	N62	9000
TEG 25.4x12.7	86497306	Yellow	25.4 x 12.7	85.00	FH 90mm x 300m	062	9000
TEG 38x19	86497109	White	38.0 x 19.0	85.00	FH 90mm x 300m	N65	4000
TEG 38x19	86497309	Yellow	38.0 x 19.0	85.00	FH 90mm x 300m	065	4000
TEG 38.1x6.35	86497108	White	38.1 x 6.35	85.00	FH 90mm x 300m	N64	10000
TEG 50.8x25.4	86497111	White	50.8 x 25.4	57.00	FH 60mm x 300m	N67	3000
TEG 50.8x25.4	86497311	Yellow	50.8 x 25.4	57.00	FH 60mm x 300m	067	3000
TEG 76.2x25.4	86497113	White	76.2 x 25.4	80.00	FH 80mm x 300m	N69	3000



Laser labelling materials

EST stainless steel type plate



PRODUCT INFORMATION

V4A stainless steel label plates to be used as type plates. Fastened with either rivets or screws.

Marking can only be done with a laser printer system (e.g. pulsar) or with an engraving system suitable for engraving stainless steel (e.g. CAM).

Special design for demanding environments like

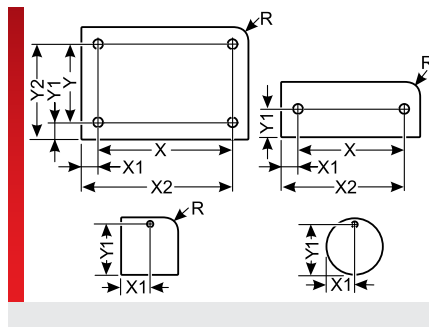
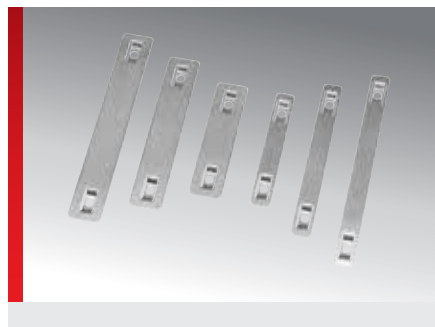
- in the chemical or petrochemical industries
- in the mining industry
- in the ship building industry
- in wind energy plants
- in the food industry

SPECIFICATIONS

- 80 – 500 °C
- V4A stainless steel
- V0
- Single-line and multi-line inscription

Type	Order No.	Colour	Material thickness mm	Printable area mm	No. characters/lines	Hole patterns Number x Ø mm	Software type	Pack qty.
Stainless steel single label								
EST 30x30 R5	8605148007	Brushed stainless steel	1.00	30.0 x 22.0	16 / 6	1x 4,0	A62	90
EST 52x26 R3	8605148006	Brushed stainless steel	1.00	37.0 x 26.0	20 / 7	2x 2,5	L16	40
EST 74x37 R3	8605148005	Brushed stainless steel	1.00	59.0 x 37.0	32 / 10	4x 2,5	L15	20
EST 84x54 R3	8605148004	Brushed stainless steel	1.00	69.0 x 54.0	38 / 15	4x 2,5	L14	10
EST 100x60 R5	8605148003	Brushed stainless steel	1.00	82.5 x 60.0	45 / 17	4x 3,7	L13	10
EST 120x70 R5	8605148002	Brushed stainless steel	1.00	102.5 x 70.0	56 / 20	4x 3,7	L12	10
EST 139x85 R5	8605148001	Brushed stainless steel	1.00	121.5 x 85.0	67 / 25	4x 3,7	L11	10
EST 139x139 R5	8605148000	Brushed stainless steel	1.00	121.5 x 139.0	67 / 40	4x 3,7	L10	10

ESK cable designation on stainless steel



PRODUCT INFORMATION

V4A stainless steel labels for cable designation with a material thickness of 0.5 mm. Mounted with cable ties. The labels are installed on a plastic holder.

Marking can only be done with a laser printer system (e.g. mp-LM series).

Special design for demanding environments like

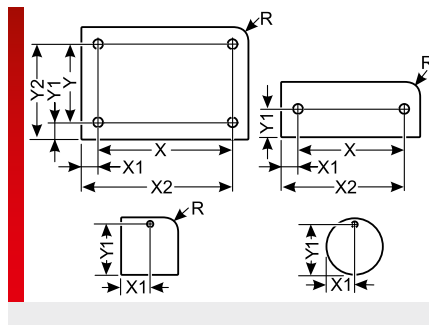
- in the chemical or petrochemical industries
- in the mining industry
- in the ship building industry
- in wind energy plants
- in the food industry

SPECIFICATIONS

- 80 – 500 °C
- V4A stainless steel
- V0
-
-

Type	Order No.	Colour	Material thickness mm	Printable area mm	No. characters/lines	Hole patterns Number x Ø mm	No. per frame	Software type	Pack qty.
ESK 60x9 L	8605190015	Brushed stainless steel	0.50	28.0 x 9.0	15 / 2	2x 3,5	10	L05	30
ESK 80x9 L	8605190014	Brushed stainless steel	0.50	48.0 x 9.0	26 / 2	2x 3,5	10	L04	30
ESK 100x9 L	8605190013	Brushed stainless steel	0.50	68.0 x 9.0	37 / 2	2x 3,5	10	L03	30
ESK 60x15 L	8605190012	Brushed stainless steel	0.50	28.0 x 15.0	15 / 4	2x 3,5	7	L02	21
ESK 80x15 L	8605190011	Brushed stainless steel	0.50	48.0 x 15.0	26 / 4	2x 3,5	7	L01	21
ESK 100x15 L	8605190010	Brushed stainless steel	0.50	68.0 x 15.0	37 / 4	2x 3,5	7	L00	21

LA Laser alu



INFORMATIONS PRODUITS

The laser has served us well for years, especially for engraving and labelling of metals. Marking anodised aluminium with the laser produces great contrast, durability, precision, great readability and can be done with great speed.

- Optionally available with self-adhesive foil (SK), strong self-adhesive foil (SSK) or adhesive foil (HF)
- Available in square versions with and without corner radius, in round versions (circular blanks), optionally with holes, slots or granulation

SPÉCIFICATIONS

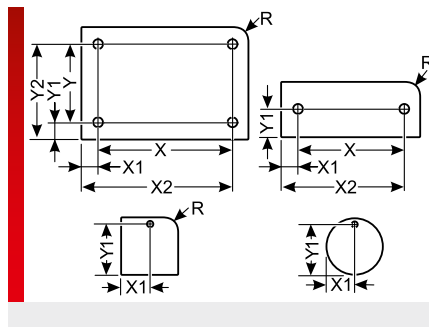
- 40 – 140 °C temporaire 200 °C
- Aluminium anodisé (ALU)
- V0

Type	Order No.	Colour	Label size mm	Printable area mm	No. characters/lines	Hole patterns Number x Ø mm	Diame-ter mm	No. per frame	Soft-ware type	Pack qty.
Rectangular without radius										
LA 45x12 HF	8610100037	Black	45,0 x 12,0	45,0 x 12,0	25 / 3			16	LI7	64
LA 45x12 SK	8610100042	Black	45,0 x 12,0	45,0 x 12,0	25 / 3			16	LM8	64
Rectangular without radius, 1x hole										
LA 45x29 HF, 1x22,5MM	8610100050	Black	45,0 x 29,0	18,0 x 29,0	10 / 8	1x 22,5		6	LR2	24
Rectangular without radius, 2x hole										
LA 40x10 HF, 2x3,0MM	8610100051	Silver	40,0 x 10,0	24,0 x 10,0	13 / 2	2x 3,0		20	LR3	80
LA 40x15 HF, 2x3,0MM	8610100059	Silver	40,0 x 15,0	24,0 x 15,0	13 / 4	2x 3,0		14	LS6	56
Rectangular with radius										
LA 30x15 R2 SKS	8610100029	Silver	30,0 x 15,0	30,0 x 15,0	16 / 4			21	LH9	84
LA 40x80 R2 SK	8610100036	Silver	40,0 x 80,0	40,0 x 80,0	22 / 23			2	LI6	8
LA 50x15 R2 SKS	8610100034	Black	50,0 x 15,0	50,0 x 15,0	27 / 4			14	LI4	56
LA 50x15 R2 SKS	8610100035	Silver	50,0 x 15,0	50,0 x 15,0	27 / 4			14	LI5	56
LA 100x50 R2 SKS	8610100032	Black	100,0 x 50,0	100,0 x 50,0	55 / 14			2	LI2	8
LA 100x50 R2 SKS	8610100031	Silver	100,0 x 50,0	100,0 x 50,0	55 / 14			2	LI1	8
LA 100x100 R2 SKS	8610100033	Silver	100,0 x 100,0	100,0 x 100,0	55 / 29			1	LI3	4
LA 110x30 R4 SKS	8610100040	Black	110,0 x 30,0	110,0 x 30,0	61 / 8			2	LL8	12
Rectangular with radius, 1x hole										
LA 20x20 R7 HF, 1x2,5MM	8610100039	Black	20,0 x 20,0	20,0 x 13,5	11 / 3	1x 2,5		25	LL5	100
Rectangular with radius, 2x hole										
LA 30x15 R2 HF, 2x3,5MM	8610100002	Anodised silver	30,0 x 15,0	17,0 x 15,0	9 / 4	2x 3,5		21	LC1	72

LA Laser alu (suite)

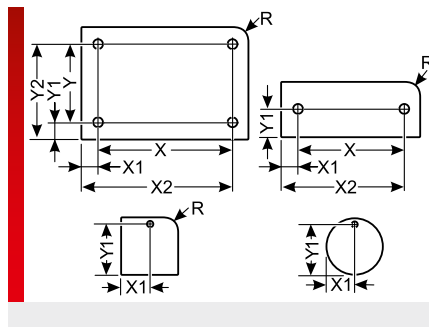
Type	Order No.	Colour	Label size mm	Printable area mm	No. characters/lines	Hole patterns Number x Ø mm	Diame-ter mm	No. per frame	Soft-ware type	Pack qty.
LA 30x15 R2 HF, 2x3,5MM	8610100016	Anodised black	30,0 x 15,0	17,0 x 15,0	9 / 4	2x 3,5		21	LD5	72
LA 30x15 R2 HF, 2x4,2MM	8610100004	Anodised silver	30,0 x 15,0	15,0 x 15,0	8 / 4	2x 4,2		21	LC3	72
LA 30x15 R2 HF, 2x4,2MM	8610100018	Anodised black	30,0 x 15,0	15,0 x 15,0	8 / 4	2x 4,2		21	LD7	72
LA 40x15 R2 HF, 2x3,0MM	8610100056	Silver	40,0 x 15,0	25,0 x 15,0	13 / 4	2x 3,0		14	LS3	56
LA 50x15 R2 HF, 2x3,0MM	8610100003	Anodised silver	50,0 x 15,0	36,0 x 15,0	20 / 4	2x 3,0		12	LC2	48
LA 50x15 R2 HF, 2x3,0MM	8610100017	Anodised black	50,0 x 15,0	36,0 x 15,0	20 / 4	2x 3,0		12	LD6	48
LA 50x15 R2 HF, 2x4,2MM	8610100005	Anodised silver	50,0 x 15,0	34,0 x 15,0	18 / 4	2x 4,2		12	LC4	48
LA 50x15 R2 HF, 2x4,2MM	8610100019	Anodised black	50,0 x 15,0	34,0 x 15,0	18 / 4	2x 4,2		12	LD8	48
LA 50x15,1 R2 HF, 2x3,5MM	8610100048	Silver	50,0 x 15,1	32,5 x 15,1	18 / 4	2x 3,5		12	LO2	48
LA 52x18 R2 HF, 2x2,8MM	8610100006	Anodised silver	52,0 x 18,0	38,0 x 18,0	21 / 5	2x 2,8		10	LC5	40
LA 52x18 R2 HF, 2x2,8MM	8610100020	Anodised black	52,0 x 18,0	38,0 x 18,0	21 / 5	2x 2,8		10	LD9	40
LA 52x18 R2 HF, 2x3,2MM	8610100052	Silver	52,0 x 18,0	38,0 x 18,0	21 / 5	2x 3,2		10	LR9	40
LA 55x35 R2 HF, 2x3,0MM	8610100057	Silver	55,0 x 35,0	40,0 x 35,0	22 / 10	2x 3,0		6	LS4	24
LA 60x40 R3 HF, 2x4,5MM	8610100053	Silver	60,0 x 40,0	41,0 x 40,0	22 / 11	2x 4,5		2	LS0	8
LA 70x27 R2 HF, 2x3,3MM	8610100054	Silver	70,0 x 27,0	55,0 x 27,0	30 / 7	2x 3,3		4	LS1	16
LA 74x18 R2,5 HF, 2x3,2MM	8610100028	Anodised black	74,0 x 18,0	60,6 x 18,0	33 / 5	2x 3,2		6	LE7	24
LA 80x18 R2 HF, 2x3,2MM	8610100055	Silver	80,0 x 18,0	67,6 x 18,0	37 / 5	2x 3,2		5	LS2	20
LA 100x50 R2 HF, 2x3,0MM	8610100058	Silver	100,0 x 50,0	85,0 x 50,0	47 / 14	2x 3,0		2	LS5	8
Rectangular with radius, 4x hole										
LA 60x15 R2 HF, 4x3,0MM	8610100043	Silver	60,0 x 15,0	45,0 x 15,0	25 / 4	4x 3,0		7	LM9	28
LA 60x30 R2 HF, 4x3,0MM	8610100044	Silver	60,0 x 30,0	45,0 x 30,0	25 / 8	4x 3,0		3	LN0	12
LA 100x40 R2 SK, 4x3,0MM	8610100030	Silver	100,0 x 40,0	85,0 x 40,0	47 / 11	4x 3,0		2	LI0	8
LA 100x50 R2 SK, 4x2,5MM	8610100049	Silver	100,0 x 50,0	86,4 x 50,0	48 / 14	4x 2,5		2	LQ2	8
LA 100x60 R2 HF, 4x3,0MM	8610100045	Silver	100,0 x 60,0	85,0 x 60,0	47 / 17	4x 3,0		1	LN1	4
LA 111x111 R2 HF, 4x3,0MM	8610100046	Silver	111,0 x 111,0	96,0 x 111,0	53 / 32	4x 3,0		1	LN2	4
Rectangular with radius, 4x oblong hole										
LA 40x12 R1,5 HF, 4x (5x3MM)	8610100007	Anodised silver	40,0 x 12,0	23,0 x 12,0	12 / 3	4x (5,0x3,0)		16	LC6	64
LA 40x12 R1,5 HF, 4x (5x3MM)	8610100021	Anodised black	40,0 x 12,0	23,0 x 12,0	12 / 3	4x (5,0x3,0)		16	LE0	64
LA 40x12 R2 HF, 4x (5x3MM)	8610100047	Silver	40,0 x 12,0	23,0 x 12,0	12 / 3	4x (5,0x3,0)		16	LO0	64
LA 60x12 R2 HF, 4x (5x3MM)	8610100001	Anodised silver	60,0 x 12,0	42,0 x 12,0	23 / 3	4x (5,0x3,0)		8	LC0	32
LA 60x12 R2 HF, 4x (5x3MM)	8610100015	Anodised black	60,0 x 12,0	42,0 x 12,0	23 / 3	4x (5,0x3,0)		8	LD4	32
LA 60x17 R1,5 HF, 4x (7x3MM)	8610100000	Anodised silver	60,0 x 17,0	36,0 x 17,0	20 / 5	4x (7,0x3,0)		6	LB9	24
LA 60x17 R1,5 HF, 4x (7x3MM)	8610100014	Anodised black	60,0 x 17,0	36,0 x 17,0	20 / 5	4x (7,0x3,0)		6	LD3	24
Circular blanks (round version), 1 hole										
LA Ronds D=20 HF, 1x3,5MM	8610100008	Anodised silver				1x 3,5	20,00	25	LC7	100
LA Ronds D=20 HF, 1x3,5MM	8610100022	Anodised black				1x 3,5	20,00	25	LE1	100
LA Ronds D=20 HF, 1x4,2MM	8610100011	Anodised silver				1x 4,2	20,00	25	LD0	100
LA Ronds D=20 HF, 1x4,2MM	8610100025	Anodised black				1x 4,2	20,00	25	LE4	100
LA Ronds D=25 HF, 1x3,5MM	8610100038	Black				1x 3,2	25,00	16	LL4	64
LA Ronds D=25 HF, 1x3,5MM	8610100009	Anodised silver				1x 3,5	25,00	16	LC8	64
LA Ronds D=25 HF, 1x3,5MM	8610100023	Anodised black				1x 3,5	25,00	16	LE2	64
LA Ronds D=25 HF, 1x4,2MM	8610100012	Anodised silver				1x 4,2	25,00	16	LD1	64
LA Ronds D=25 HF, 1x4,2MM	8610100026	Anodised black				1x 4,2	25,00	16	LE5	64

LA Laser alu (suite)



Type	Order No.	Colour	Label size mm	Printable area mm	No. characters/lines	Hole patterns Number x Ø mm	Diame-ter mm	No. per frame	Soft-ware type	Pack qty.
LA Ronds D=30 HF, 1x3,5MM	8610100010	Anodised silver				1x 3,5	30,00	9	LC9	36
LA Ronds D=30 HF, 1x3,5MM	8610100024	Anodised black				1x 3,5	30,00	9	LE3	36
LA Ronds D=30 HF, 1x4,2MM	8610100013	Anodised silver				1x 4,2	30,00	9	LD2	36
LA Ronds D=30 HF, 1x4,2MM	8610100027	Anodised black				1x 4,2	30,00	9	LE6	36

LAM Laser Alumatt



INFORMATIONS PRODUITS

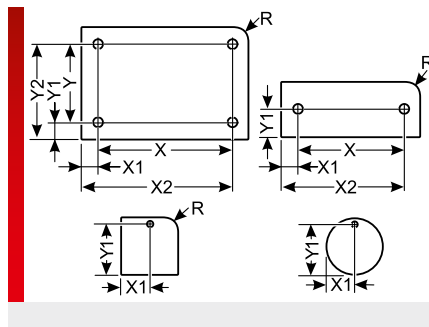
Laser Alumatt consists of coated aluminium, suitable for laser engraving. The surface is coated for laser engraving. After laser marking with a Murrplastik mp-LM series laser marking system the engraving appears in black.

SPÉCIFICATIONS

- 20 – 80 °C temporaire 120 °C
- Aluminium laqué (ALU)
- A1

Type	Order No.	Colour	Label size mm	Printable area mm	No. characters/lines	Hole patterns Number x Ø mm	Diameter mm	No. per frame	Software type	Pack qty.
Rectangular with radius										
LAM 25x10 R2 SK	8610140061	Silver	25,0 x 10,0	25,0 x 10,0	13 / 2			40	LQ3	160
LAM 30x10 R2 SKS	8610140057	Silver	30,0 x 10,0	30,0 x 10,0	16 / 2			30	LP2	120
LAM 55x55 R2 SK	8610140055	Silver	55,0 x 55,0	55,0 x 55,0	30 / 16			4	LN4	16
LAM 70x18 R2 SKS	8610140060	Silver	70,0 x 18,0	70,0 x 18,0	38 / 5			5	LP8	20
Rectangular without radius, 1x hole										
LAM 30x12 HF, 1x2,5MM	8610140044	Silver	30,0 x 12,0	30,0 x 6,0	16 / 1	1x 2,5		24	LG8	96
Rectangular without radius, 2x hole										
LAM 36x36 HF, 2x2,5MM	8610140038	Silver	36,0 x 36,0	26,0 x 36,0	14 / 10	2x 2,5		9	LG3	36
LAM 37x9 HF, 2x2,5MM	8610140037	Silver	37,0 x 9,0	25,4 x 9,0	14 / 2	2x 2,5		33	LG4	132
LAM 40x15 HF, 2x3,2MM	8610140033	Silver	40,0 x 15,0	23,6 x 15,0	13 / 4	2x 3,2		14	LG6	56
LAM 40x25 HF, 2x3,2MM	8610140034	Silver	40,0 x 25,0	23,6 x 25,0	13 / 7	2x 3,2		8	LG7	32
LAM 40x25 HF, 2x3,5MM	8610140051	Silver	40,0 x 25,0	25,0 x 25,0	13 / 7	2x 3,5		8	LM4	32
LAM 40x40 HF, 2x3,5MM	8610140052	Silver	40,0 x 40,0	25,0 x 40,0	13 / 11	2x 3,5		4	LM5	16
LAM 60x25 HF, 2x3,5MM	8610140053	Silver	60,0 x 25,0	45,0 x 25,0	25 / 7	2x 3,5		4	LM6	16
LAM 60x40 HF, 2x3,5MM	8610140054	Silver	60,0 x 40,0	45,0 x 40,0	25 / 11	2x 3,5		2	LM7	8
LAM 74x52 SK, 2x2,6MM	8610140049	Silver	74,0 x 52,0	63,0 x 52,0	35 / 15	2x 2,6		2	LK9	8
Rectangular without radius, 4x oblong hole										
LAM 40x12 HF, 4x (5,0x3,0MM)	8610140056	Silver	40,0 x 12,0	20,0 x 12,0	11 / 3	4x (5,0x3,0)		16	LO1	64
Rectangular without radius, 4x hole										
LAM 74x52 SK, 4x2,6MM	8610140050	Silver	74,0 x 52,0	59,0 x 52,0	32 / 15	4x 2,6		2	LL6	8

LAM Laser Alumatt (suite)

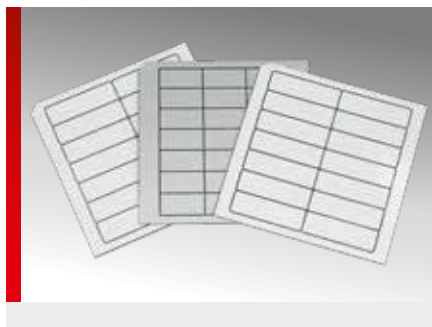


Type	Order No.	Colour	Label size mm	Printable area mm	No. characters/lines	Hole patterns Number x Ø mm	Diameter mm	No. per frame	Software type	Pack qty.
Rectangular with radius, 1x hole										
LAM 20x20 R7 HF, 1x2,5MM	8610140046	Silver	20,0 x 20,0	20,0 x 13,7	11 / 4	1x 2,5		25	LK4	100
Rectangular with radius, 2x hole										
LAM 30x15 R2 HF, 2x3,5MM	8610140002	Silver	30,0 x 15,0	17,0 x 15,0	9 / 4	2x 3,5		18	LA2	72
LAM 30x15 R2 HF, 2x4,2MM	8610140004	Silver	30,0 x 15,0	15,0 x 15,0	8 / 4	2x 4,2		18	LA4	72
LAM 37x13 R2 HF, 2x2,6MM	8610140062	Silver	37,0 x 13,0	24,0 x 13,0	13 / 3	2x 2,6		16	LQ4	64
LAM 37x13 R2 SK, 2x2,6MM	8610140047	Silver	37,0 x 13,0	25,0 x 13,0	13 / 3	2x 2,6		16	LK7	64
LAM 45x10 R2 HF, 2x2,5MM	8610140045	Silver	45,0 x 10,0	32,4 x 10,0	18 / 2	2x 2,5		20	LI9	80
LAM 50x15 R2 HF, 2x3,0MM	8610140003	Silver	50,0 x 15,0	36,0 x 15,0	20 / 4	2x 3,0		12	LA3	48
LAM 50x15 R2 HF, 2x4,2MM	8610140005	Silver	50,0 x 15,0	34,0 x 15,0	18 / 4	2x 4,2		12	LA5	48
LAM 52x18 R2 HF, 2x2,8MM	8610140006	Silver	52,0 x 18,0	38,0 x 18,0	21 / 5	2x 2,8		10	LA6	40
LAM 70x27 R2 HF, 2x3,3MM	8610140039	Silver	70,0 x 27,0	55,4 x 27,0	30 / 7	2x 3,3		4	LH3	16
Rectangular with radius, 4x hole										
LAM 85x65 R2 HF, 4x4,0MM (E)	8610140042	Silver	85,0 x 65,0	67,0 x 65,0	37 / 19	4x 4,0		1	LH6	4
LAM 100x40 R2 HF, 4x3,3MM (E)	8610140040	Silver	100,0 x 40,0	85,4 x 40,0	47 / 11	4x 3,3		1	LH4	4
LAM 100x60 R2 HF, 4x3,3MM (E)	8610140041	Silver	100,0 x 60,0	85,4 x 60,0	47 / 17	4x 3,3		1	LH5	4
Rectangular with radius, 2x oblong hole										
LAM 37x9 R2 HF, 2x (2,8x5,0MM)	8610140043	Silver	37,0 x 9,0	25,4 x 9,0	14 / 2	2x (2,8x5,0)		33	LH8	132
Rectangular with radius, 4x oblong hole										
LAM 34x10 R1 HF, 4x (5,4x2MM)	8610140010	Silver	34,0 x 10,0	18,0 x 10,0	10 / 2	4x (5,4x2,0)		27	LB0	108
LAM 40x12 R1,5 HF, 4x (5x3MM)	8610140007	Silver	40,0 x 12,0	23,0 x 12,0	12 / 3	4x (5,0x3,0)		16	LA7	64
LAM 44x10 R1 HF, 4x (5,4x2MM)	8610140009	Silver	44,0 x 10,0	28,0 x 10,0	15 / 2	4x (5,4x2,0)		18	LA9	72
LAM 54x12 R1 HF, 4x (5,4x2MM)	8610140008	Silver	54,0 x 12,0	38,0 x 12,0	21 / 3	4x (5,4x2,0)		16	LA8	64
LAM 54x20 R2 HF, 4x (6,0x2,5MM)	8610140059	Silver	54,0 x 20,0	33,0 x 20,0	18 / 5	4x (6,0x2,5)		10	LP4	40
LAM 60x12 R2 HF, 4x (5x3MM)	8610140001	Silver	60,0 x 12,0	42,0 x 12,0	23 / 3	4x (5,0x3,0)		8	LA1	32
LAM 60x17 R1,5 HF, 4x (7x3MM)	8610140000	Silver	60,0 x 17,0	36,0 x 17,0	20 / 5	4x (7,0x3,0)		6	LA0	24
LAM 64x14 R1 HF, 4x (5,4x2MM)	8610140011	Silver	64,0 x 14,0	48,0 x 14,0	26 / 4	4x (5,4x2,0)		7	LB1	28
LAM 68x10 R1 HF, 4x (5,4x2MM)	8610140012	Silver	68,0 x 10,0	53,0 x 10,0	29 / 2	4x (5,4x2,0)		9	LB2	36
LAM 80x20 R2 HF, 4x (6,0x2,5MM)	8610140058	Silver	80,0 x 20,0	59,0 x 20,0	32 / 5	4x (6,0x2,5)		5	LP3	20
Circular blanks (round version), 1 hole										
LAM D=20 HF, 1x3,5MM	8610140013	Silver				1x 3,5	20,00	25	LB3	100
LAM D=20 HF, 1x4,2MM	8610140016	Silver				1x 4,2	20,00	25	LB6	100

LAM Laser Alumat (suite)

Type	Order No.	Colour	Label size mm	Printable area mm	No. characters/lines	Hole patterns Number x Ø mm	Diameter mm	No. per frame	Software type	Pack qty.
LAM D=25 HF, 1x3,5MM	8610140014	Silver				1x 3,5	25,00	16	LB4	64
LAM D=25 HF, 1x4,2MM	8610140017	Silver				1x 4,2	25,00	16	LB7	64
LAM D=30 HF, 1x3,5MM	8610140015	Silver				1x 3,5	30,00	9	LB5	36
LAM D=30 HF, 1x4,2MM	8610140018	Silver				1x 4,2	30,00	9	LB8	36

LM Laser Mat



INFORMATIONS PRODUITS

Laser Mat is a double-layer material with an UV resistant colour outer layer for marking with a laser from the mp-LM family.

- Optionally available with self-adhesive foil (SK), strong self-adhesive foil (SSK) or adhesive foil (HF)

- Available in square versions with and without corner radius, in round versions (circular blanks), optionally with holes, slots or granulation
- Thickness: 0.8 mm or 1.5 mm

SPÉCIFICATIONS



-20 – 85 °C

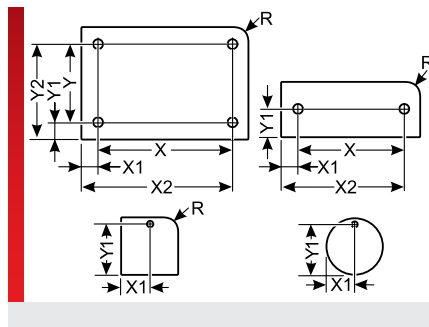
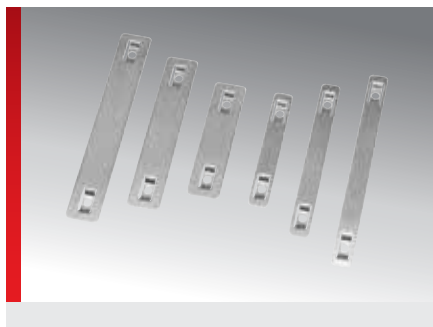


Marquage monoligne et multiligne



Type	Order No.	Colour	Label size mm	Printable area mm	No. characters/lines	No. per frame	Software type	Pack qty.
Rectangular design								
LM 18.5x9.5 SK	8610200009	Siemens silver/black	0.80	18.5 x 9.5	10 / 2	55	L98	220
LM 22x10 SK	8610200003	Siemens silver/black	0.80	22.0 x 10.0	12 / 2	50	L92	200
LM 22x10 SK	8610200020	White / Black	0.80	22.0 x 10.0	12 / 2	50	LI8	200
LM 22x22 SK	8610200002	Siemens silver/black	0.80	22.0 x 22.0	12 / 6	25	L91	100
LM 27x15 SK	8610200064	White / Black	0.80	27.0 x 15.0	15 / 4	28	LU2	112
LM 27x18 HF	8610200043	Siemens silver/black	0.80	27.0 x 18.0	15 / 5	24	LP9	96
LM 27x18 HF	8610200084	White / Black	0.80	27.0 x 18.0	15 / 5	24	LZ6	96
LM 27x18 SK	8610200004	Siemens silver/black	0.80	27.0 x 18.0	15 / 5	24	L93	96
LM 28x15 HF	8610200073	White / Black	0.80	28.0 x 15.0	15 / 4	21	LW0	84
LM 30x15 SK	8610200028	Siemens silver/black	0.80	30.0 x 15.0	16 / 4	21	LN5	84
LM 30x15 HF	8610200016	Siemens silver/black	0.80	30.0 x 15.0	16 / 4	21	M30	84
LM 40x7.3 HF	8610200027	White / Black	0.80	40.0 x 7.3	22 / 2	28	LM2	112
LM 40x9 HF	8610200055	Siemens silver/black	0.80	40.0 x 9.0	22 / 2	22	LS7	88
LM 40x20 SKS	8610200044	White / Black	0.80	40.0 x 20.0	22 / 5	10	LQ0	40
LM 55x19 SKS	8610200077	White / Black	0.80	55.0 x 19.0	30 / 5	10	LY0	40
LM 74x37 SKS	8610200061	Siemens silver/black	0.80	74.0 x 37.0	41 / 10	3	LT7	12
LM 95x45 SK	8610200098	Siemens silver/black	0.80	95.0 x 45.0	52 / 13	2	LOZ	8
LM 95x120 SK	8610200069	White / Black	0.80	95.0 x 120.0	52 / 35	1	LV1	4
LM 120x120 HF	8610200046	Siemens silver/black	0.80	120.0 x 120.0	66 / 35	1	LQ5	4
LM 120x120 HF	8610200104	White / Black	0.80	120.0 x 120.0	66 / 35	1	L1H	4
LM 120x120 HF	8610200103	Yellow / Black	0.80	120.0 x 120.0	66 / 35	1	L1G	4
LM 120x120 SK	8610200047	Siemens silver/black	0.80	120.0 x 120.0	66 / 35	1	LQ6	4
LM 120x120 SKS	8610200048	Siemens silver/black	0.80	120.0 x 120.0	66 / 35	1	LQ7	4

ESK cable designation on stainless steel



PRODUCT INFORMATION

V4A stainless steel labels for cable designation with a material thickness of 0.5 mm. Mounted with cable ties. The labels are installed on a plastic holder.

Marking can only be done with a laser printer system (e.g. pulsar).

Special design for demanding environments

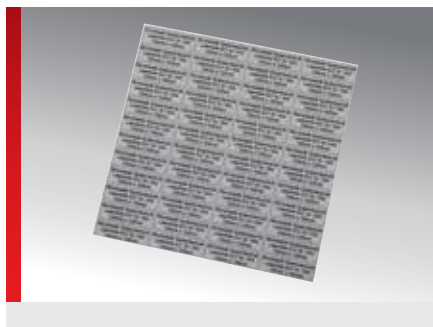
- in the chemical or petrochemical industries
- in the mining industry
- in the ship building industry
- in wind energy plants
- in the food industry

SPECIFICATIONS

- 80 – 500 °C
- V4A stainless steel
- V0
- Single-line and multi-line inscription

Type	Order No.	Colour	Material thickness mm	Printable area mm	No. characters/lines	Hole patterns Number x Ø mm	No. per frame	Software type	Pack qty.
ESK 60x9	8605190005	Brushed stainless steel	0.50	28.0 x 9.0	15 / 2	2x 3,5	10	L05	120
ESK 80x9	8605190004	Brushed stainless steel	0.50	48.0 x 9.0	26 / 2	2x 3,5	10	L04	120
ESK 100x9	8605190003	Brushed stainless steel	0.50	68.0 x 9.0	37 / 2	2x 3,5	10	L03	120
ESK 60x15	8605190002	Brushed stainless steel	0.50	28.0 x 15.0	15 / 4	2x 3,5	7	L02	80
ESK 80x15	8605190001	Brushed stainless steel	0.50	48.0 x 15.0	26 / 4	2x 3,5	7	L01	80
ESK 100x15	8605190000	Brushed stainless steel	0.50	68.0 x 15.0	37 / 4	2x 3,5	7	L00	80

ELF laser label foil



PRODUCT INFORMATION

The double-layer ELF laser label foil is ideal for the production of custom adhesive labels and displays a reliable, permanent adhesion on Polyolefine (PE/PP), slightly oily or powder coated surfaces.

The halogen-free Polyacrylate foil is very resistant to chemicals, temperature and other environmental influences and in case of fire it is self-extinguishing after 15 seconds. Complete cover of high-contrast base colours. Labelling and cutting is done with a laser labelling system.

The user can freely define the size and number of labels within the printable area.

External extraction system

For laser inscribing of ELF laser label foil, you must scrub the exhaust air or route it outside (observing statutory provisions) as a precautionary measure to ensure that the strong odours that the machine can produce do not endanger the health of employees. An external extraction system can be connected directly to the MP laser labelling system using an adapter.

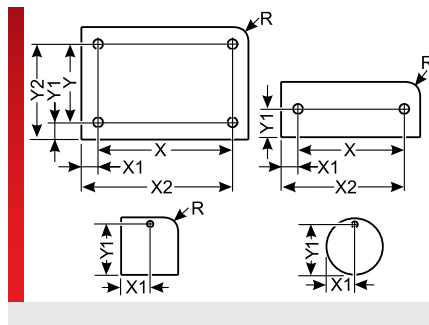
SPECIFICATIONS

- 40 – 300 °C
- Polyacrylate
- Single-line and multi-line inscription
- External suction system mandatory



Type	Order No.	Colour	Printable area mm	No. characters/lines	Software type	Pack qty.
ELF 120x120 SI/SW	86563002	Silver / Black	119.0 x 119.0	66 / 35	A64	100
ELF 120x120 SW/WS	86563050	Black / White	118.0 x 118.0	65 / 34	A63	100

Aluminium anodised ALU/K



PRODUCT INFORMATION

The ALU/K labelling material, in mat size 139x139 mm, has been developed especially for the pulsar laser printer.

- Coloured anodised aluminium material
- Available with self-adhesive foil (SK) or with adhesive foil (HF).
- Individual or prefab labels

- Temperature range up to approx. 200 °C
- Thickness: 1.0 mm
- Inscription technique: Lasers

ALU/K is available with self-adhesive foil (SK), self-adhesive foil with foam adhesive (SKS), speciality adhesive foil (SOK) or with adhesive foil (HF).

SPECIFICATIONS

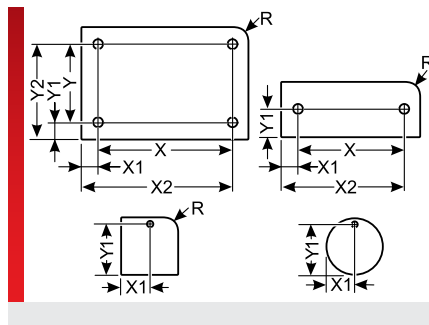
- 40 – 100 °C
- Aluminium anodised (ALU/K)
- V0
-
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Type	Order No.	Colour	Material thickness mm	Printable area mm	No. characters/lines	Hole patterns Number x Ø mm	Diameter mm	Software type	Pack qty.
Rectangular design									
ALU/K 30x20 HF	8606206003	Anodised black	1.00	30.0 x 20.0	16 / 5			I82	240
ALU/K 100x50 HF	8606206001	Anodised black	1.00	100.0 x 50.0	55 / 14			D08	20
ALU/K 130x55 HF	8606206002	Anodised black	1.00	130.0 x 55.0	72 / 16			D09	20
Rectangular design, with one hole									
ALU/K 30x20 SK, 1x3.0 mm	8606210001	Anodised silver	1.00	30.0 x 14.0	16 / 4	1x 3,0		H24	240
ALU/K 30x60 HF, 1x22.5 mm	8606216002	Anodised silver	1.00	30.0 x 20.0	16 / 5	1x 22,5		G80	80
ALU/K 50x30 HF, 1x22.5 mm	8606216001	Anodised silver	1.00	50.0 x 30.0	27 / 8	1x 22,5		E43	80
Rectangular design with 2 holes									
ALU/K 26x15 SKS, 2x2.3 mm	8606222006	Anodised black	1.00	16.8 x 15.0	9 / 4	2x 2,3		I71	450
ALU/K 37x13 HF, 2x2.5 mm	8606226011	Anodised black	1.00	27.0 x 13.0	15 / 3	2x 2,5		M43	300
ALU/K 40x15 HF, 2x2.5 mm	8606226000	Anodised silver	1.00	30.0 x 15.0	16 / 4	2x 2,5		I02	270
ALU/K 40x20 SKS, 2x2.3 mm	8606222005	Anodised black	1.00	30.8 x 20.0	17 / 5	2x 2,3		I70	180
ALU/K 40x30 HF, 2x2.5 mm	8606226010	Anodised black	1.00	30.0 x 30.0	16 / 8	2x 2,5		M42	120
ALU/K 45x15 HF, 2x2.5 mm	8606226026	Anodised black	1.00	35.0 x 15.0	19 / 4	2x 2,5		H63	270
ALU/K 45x25 HF, 2x4.2 mm	8606226003	Anodised black	1.00	28.2 x 25.0	15 / 7	2x 4.2		I40	150
ALU/K 45x25 HF, 2x4.2 mm	8606226002	Silver / Black	1.00	28.2 x 25.0	15 / 7	2x 4.2		I40	150
ALU/K 50x13 HF, 2x2.5 mm	8606226005	Anodised silver	1.00	40.0 x 13.0	22 / 3	2x 2,5		D71	200
ALU/K 60x10 HF, 2x3,5MM	8606226012	Anodised black	1.00	50.5 x 10.0	28 / 2	2x 3,5		Z29	260
ALU/K 60x15 SKS, 2x2.3 mm	8606222004	Anodised black	1.00	50.8 x 15.0	28 / 4	2x 2,3		I69	180
ALU/K 60x60 HF, 2x2.5 mm	8606226009	Anodised black	1.00	50.0 x 60.0	27 / 17	2x 2,5		M41	40
ALU/K 70x10 SK, 2x2.2 mm	8606220001	Anodised black	1.00	61.2 x 10.0	34 / 2	2x 2,2		H32	130
ALU/K 80x15 SKS, 2x2.3 mm	8606222003	Anodised black	1.00	70.8 x 15.0	39 / 4	2x 2,3		I68	90
ALU/K 90x25 HF, 2x3.0 mm	8606226007	Anodised black	1.00	78.0 x 25.0	43 / 7	2x 3,0		J22	50
ALU/K 90x30 HF, 2x3.5 mm	8606226001	Anodised silver	1.00	76.0 x 30.0	42 / 8	2x 3,5		I16	40

Aluminium anodised ALU/K (Continued...)

Type	Order No.	Colour	Material thickness mm	Printable area mm	No. characters/lines	Hole patterns Number x Ø mm	Diameter mm	Software type	Pack qty.
ALU/K 100x15 HF, 2x2.50 mm	8606226004	Anodised red	1.00	90.0 x 15.0	50 / 4	2x 2,5		D02	90
ALU/K 100x30 HF, 2x3.0 mm	8606226008	Anodised black	1.00	88.0 x 30.0	48 / 8	2x 3,0		J23	40
ALU/K 100x30 HF, 2x3.0 mm	8606226006	Anodised Blue	1.00	88.0 x 30.0	48 / 8	2x 3,0		J19	40
ALU/K 100x70 SKS, 2x2.3 mm	8606222002	Anodised black	1.00	90.8 x 70.0	50 / 20	2x 2,3		I67	10
ALU/K 139x25 SKS, 2x2.3 mm	8606222001	Anodised black	1.00	129.8 x 25.0	72 / 7	2x 2,3		I66	50
Rectangular design with 4 holes									
ALU/K 100x80 HF, 4x4.0 mm	8606246001	Anodised black	1.00	84.0 x 80.0	46 / 23	4x 4,0		J20	10
ALU/K 105x52 HF, 4x2.5 mm	8606246000	Anodised red	1.00	95.0 x 52.0	52 / 15	4x 2,5		I37	20
ALU/K 110x55 HF, 4x3.0 mm	8606246002	Anodised black	1.00	98.0 x 55.0	54 / 16	4x 3,0		J21	20
ALU/K 120x34 HF, 4x3,5MM	8606246013	Anodised black	1.00	109.5 x 34.0	60 / 10	4x 3,5		Z30	40
ALU/K 120x120 HF, 4x2.5 mm	8606246003	Anodised black	1.00	110.0 x 120.0	61 / 35	4x 2,5		M40	10
ALU/K 139,8x60 HF, 4x3,4MM	8606246014	Anodised black	1.00	126.6 x 60.0	70 / 17	4x 3,4		Z31	20
Rectangular design with corner radius									
ALU/K° 13x8 R2 SOK	8606104000	Anodised black	1.00	13.0 x 8.0	7 / 2			D36	1700
ALU/K 22x22 R2 SK	8606100005	Anodised black	1.00	22.0 x 22.0	12 / 6			H07	360
ALU/K 22x22 R2 SK	8606100004	Anodised silver	1.00	22.0 x 22.0	12 / 6			E49	360
ALU/K 25x10 R2 SK	8606100000	Anodised silver	1.00	25.0 x 10.0	13 / 2			I14	650
ALU/K° 25x10 R2 SK	8606100001	Anodised black	1.00	25.0 x 10.0	13 / 2			I15	650
ALU/K° 25x10 R2 SK	8606100003	Silver / Black	1.00	25.0 x 10.0	13 / 2			I28	650
ALU/K 27x18 R2 SK	8606100010	Anodised black	1.00	27.0 x 18.0	15 / 5			L42	350
ALU/K 27x18 R2 SK	8606100011	Silver / Black	1.00	27.0 x 18.0	15 / 5			L43	350
ALU/K 27x27 R2 SK	8606100006	Anodised silver	1.00	27.0 x 27.0	15 / 7			H23	250
ALU/K 50x25 R2 SK	8606100009	Anodised black	1.00	50.0 x 25.0	27 / 7			K94	100
ALU/K 139,5x139,5 R2 SK	8606100007	Anodised black	1.00	139.5 x 139.5	77 / 41			K87	10
ALU/K 139,5x139,5 R2 SK	8606100008	Silver / Black	1.00	139.5 x 139.5	77 / 41			K88	10
ALU/K° 130x30 R4 SKS	8606102001	Anodised black	1.00	130.0 x 30.0	72 / 8			I39	40
Rectangular design with corner radius and 1 hole									
ALU/K 19x15 R9.5 HF, 1x3.2 mm	8606116006	Anodised black	1.00	19.0 x 8.6	10 / 2	1x 3,2		G27	630
ALU/K° 20x20 R7 HF, 1x2.5 mm	8606116001	Anodised black	1.00	20.0 x 15.0	11 / 4	1x 2,5		I05	360
ALU/K° 20x20 R7 HF, 1x2.5 mm	8606116000	Anodised silver	1.00	20.0 x 15.0	11 / 4	1x 2,5		I00	360
ALU/K° 20x20 R7 HF, 1x2.5 mm	8606116002	Silver / Black	1.00	20.0 x 15.0	11 / 4	1x 2,5		I20	360
ALU/K 20x20 R7 HF, 1x2.6 mm	8606116004	Anodised silver	1.00	10.0 x 20.0	5 / 5	1x 2,6		D89	360
ALU/K 25x20 R2 HF, 1x3.0 mm	8606116007	Anodised black	1.00	25.0 x 14.0	13 / 4	1x 3,0		H99	300
ALU/K 25x20 R2 HF, 1x3.0 mm	8606116008	Anodised silver	1.00	25.0 x 14.5	13 / 4	1x 3,0		K47	300
ALU/K 38x30 R1 HF, 1x16.5 mm	8606116005	Anodised silver	1.00	38.0 x 30.0	21 / 8	1x 16,5		G22	120
Rectangular design with corner radius and 2 holes									
ALU/K° 30x8 R2 HF, 2x2.5 mm	8604126031	Anodised black	1.00	20.0 x 8.0	11 / 2	2x 2,5		I51	680
ALU/K° 30x8 R2 HF, 2x2.5 mm	8606126006	Silver / Black	1.00	20.0 x 8.0	11 / 2	2x 2,5		I22	680
ALU/K° 30x8 R2 SK, 2x2.5 mm	8604120004	Anodised black	1.00	20.0 x 8.0	11 / 2	2x 2,5		I52	680
ALU/K° 30x8 R2 SK, 2x2.5 mm	8606120001	Silver / Black	1.00	20.0 x 8.0	11 / 2	2x 2,5		I23	680
ALU/K 30x8 R2 SOK, 2x2.5 mm	8606124001	Anodised black	1.00	20.0 x 8.0	11 / 2	2x 2,5		H31	680
ALU/K 30x8 R2 HF, 2x3.0 mm	8606126026	Anodised black	1.00	18.0 x 8.0	10 / 2	2x 3,0		J29	0

Aluminium anodised ALU/K (Continued...)

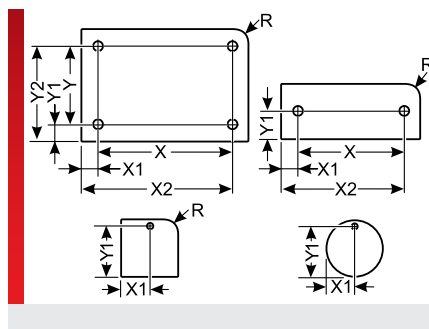


Type	Order No.	Colour	Material thickness mm	Printable area mm	No. characters/lines	Hole patterns Number x Ø mm	Diameter mm	Software type	Pack qty.
ALU/K 30x10 R1 SK, 2x2.5 mm	8606120008	Anodised black	1.00	22.5 x 10.0	12 / 2	2x 2,5		K45	520
ALU/K 30x10 R1 SK, 2x2.5 mm	8606120009	Silver / Black	1.00	22.5 x 10.0	12 / 2	2x 2,5		K46	192
ALU/K 30x10 R1 HF, 2x2.5 mm	8606126011	Anodised silver	1.00	20.0 x 10.0	11 / 2	2x 2,5		I33	520
ALU/K 30x15 R2 HF, 2x2.5 mm	8606126025	Anodised black	1.00	20.0 x 15.0	11 / 4	2x 2,5		H62	360
ALU/K 30x15 R1 SK, 2x2.5 mm	8606120006	Anodised black	1.00	22.5 x 15.0	12 / 4	2x 2,5		K43	360
ALU/K 30x15 R1 SK, 2x2.5 mm	8606120007	Silver / Black	1.00	22.5 x 15.0	12 / 4	2x 2,5		K44	360
ALU/K° 30x15 R2 HF, 2x4.0 mm	8606126004	Anodised black	1.00	14.0 x 15.0	7 / 4	2x 4,0		I07	360
ALU/K° 30x15 R2 HF, 2x4.0 mm	8606126000	Anodised silver	1.00	14.0 x 15.0	7 / 4	2x 4,0		I01	360
ALU/K° 30x15 R2 HF, 2x4.0 mm	8606126005	Silver / Black	1.00	14.0 x 20.0	7 / 5	2x 4,0		I21	360
ALU/K 34x9 R2 HF, 2x2.5 mm	8606126015	Anodised silver	1.00	24.0 x 9.0	13 / 2	2x 2,5		D96	600
ALU/K 40x10 R2 HF, 2x2.5 mm	8606126014	Anodised black	1.00	30.0 x 10.0	16 / 2	2x 2,5		D48	390
ALU/K° 45x10 R2 HF, 2x2.5 mm	8606126003	Anodised black	1.00	35.0 x 10.0	19 / 2	2x 2,5		I06	390
ALU/K° 45x10 R2 HF, 2x2.5 mm	8606126002	Anodised silver	1.00	35.0 x 10.0	19 / 2	2x 2,5		I04	390
ALU/K° 45x10 R2 HF, 2x2.5 mm	8606126007	Silver / Black	1.00	35.0 x 10.0	19 / 2	2x 2,5		I24	390
ALU/K 45x14 R1 HF, 2x2.5 mm	8606126018	Anodised silver	1.00	35.0 x 14.0	19 / 4	2x 2,5		E44	270
ALU/K 45x18 R2 HF, 2x3.5 mm	8606126012	Anodised silver	1.00	31.0 x 18.0	17 / 5	2x 3,5		B80	210
ALU/K 45x26 R1 HF, 2x2.5 mm	8606126022	Anodised silver	1.00	35.0 x 26.0	19 / 7	2x 2,5		E48	150
ALU/K 50x15 R2 SK, 2x3.0 mm	8606120004	Anodised black	1.00	38.0 x 15.0	21 / 4	2x 3,0		I88	180
ALU/K 50x15 R2 SK, 2x3.0 mm	8606120005	Silver / Black	1.00	38.0 x 15.0	21 / 4	2x 3,0		I89	180
ALU/K° 50x15 R2 HF, 2x3.5 mm	8606126001	Anodised silver	1.00	36.0 x 15.0	20 / 4	2x 3,5		I03	180
ALU/K 52x18 R2 HF, 2x2.5 mm	8606126013	Anodised black	1.00	42.0 x 18.0	23 / 5	2x 2,5		D47	140
ALU/K 60x30 R2 HF, 2x3.0 mm	8606126024	Anodised silver	1.00	48.0 x 30.0	26 / 8	2x 3,0		H25	80
ALU/K 70x27 R2 SK, 2x3.0 mm	8606120003	Anodised black	1.00	58.0 x 27.0	32 / 7	2x 3,0		H06	50
ALU/K 74x18 R1 HF, 2x2.5 mm	8606126019	Anodised silver	1.00	64.0 x 18.0	35 / 5	2x 2,5		E45	70
ALU/K 74x26 R1 HF, 2x2.5 mm	8606126020	Anodised silver	1.00	64.0 x 26.0	35 / 7	2x 2,5		E46	50
ALU/K 74x74 R1 HF, 2x2.5 mm	8606126021	Anodised silver	1.00	64.0 x 74.0	35 / 21	2x 2,5		E47	10
ALU/K 75x10 R2 HF, 2x2.5 mm	8606126016	Anodised black	1.00	65.0 x 10.0	36 / 2	2x 2,5		E40	130
ALU/K 75x10 R2 HF, 2x2.5 mm	8606126017	Anodised silver	1.00	65.0 x 10.0	36 / 2	2x 2,5		E41	130
ALU/K 100x20 R2 HF, 2x3.0 mm	8606126027	Anodised black	1.00	89.0 x 20.0	49 / 5	2x 3,0		J83	60
Rectangular design with corner radius and 4 holes									
ALU/K° 100x60 R2 HF, 4x2.5 mm	8606146001	Anodised black	1.00	86.5 x 60.0	48 / 17	4x 2,5		I09	20
ALU/K° 100x60 R2 HF, 4x2.5 mm	8606146000	Anodised silver	1.00	86.5 x 60.0	48 / 17	4x 2,5		I08	20
ALU/K° 100x60 R2 HF, 4x2.5 mm	8606146010	Silver / Black	1.00	86.5 x 60.0	48 / 17	4x 2,5		I27	20
ALU/K° 120x70 R2 HF, 4x3.7 mm	8606146003	Anodised black	1.00	105.0 x 70.0	58 / 20	4x 3,7		I11	20
ALU/K° 120x70 R2 HF, 4x3.7 mm	8606146002	Anodised silver	1.00	105.0 x 70.0	58 / 20	4x 3,7		I10	20

Aluminium anodised ALU/K (Continued...)

Type	Order No.	Colour	Material thickness mm	Printable area mm	No. characters/lines	Hole patterns Number x Ø mm	Diameter mm	Software type	Pack qty.
ALU/K° 120x70 R2 HF, 4x3.7 mm	8606146009	Silver / Black	1.00	105.0 x 70.0	58 / 20	4x 3,7		I26	20
ALU/K° 130x80 R2, 4x2.6 mm	8606148001	Anodised black	1.00	122.0 x 80.0	67 / 23	4x 2,6		I38	10
ALU/K° 140x85 R2 HF, 4x3.7 mm	8606146005	Anodised black	1.00	125.0 x 85.0	69 / 25	4x 3,7		I13	10
ALU/K° 140x85 R2 HF, 4x3.7 mm	8606146004	Anodised silver	1.00	125.0 x 85.0	69 / 25	4x 3,7		I12	10
ALU/K° 140x85 R2 HF, 4x3.7 mm	8606146008	Silver / Black	1.00	125.0 x 85.0	69 / 25	4x 3,7		I25	10
Rectangular design with corner radius and 4 longitudinal slots									
ALU/K 40x12 R1 HF, 4x (5.0x2.0 mm)	8604146013	Anodised black	1.00			4x (5.0x2.0)		K37	390
ALU/K 60x12 R2 HF, 4x (4.0x2.0 mm)	8606146011	Anodised black	1.00	50.0 x 12.0	27 / 3	4x (2.0x4.0)		I34	220
ALU/K 60x12 R2 HF, 4x (4.0x2.0 mm)	8606146006	Anodised silver	1.00	50.0 x 12.0	27 / 3	4x (2.0x4.0)		I19	220
ALU/K 60x12 R2 HF, 4x (4.0x2.0 mm)	8606146012	Silver / Black	1.00	50.0 x 12.0	27 / 3	4x (2.0x4.0)		I35	220
ALU/K 60x12 R2 HF, 4x (5,0x3.0MM)	8606146013	Anodised silver	1.00	44.0 x 12.0	24 / 3	4x (5.0x3.0)		M74	220
Circular blanks (round version), 1 hole									
ALU/K° D=25 HF, 1x3,2MM	8606316001	Anodised black	1.00			1x 3,2	25.00	I18	250
ALU/K° D=25 HF, 1x3,2MM	8606316000	Anodised silver	1.00			1x 3,2	25.00	I17	250
ALU/K° D=25 HF, 1x3,2MM	8606316003	Silver / Black	1.00			1x 3,2	25.00	I29	250
ALU/K D=30 HF, 1x4,2MM	8606316006	Anodised black	1.00			1x 4,2	30.00	QL3	160
ALU/K D=30 HF, 1x4,2MM	8606316005	Anodised silver	1.00			1x 4,2	30.00	QL2	160
ALU/K° D=130 HF, 1x108MM	8606316004	Anodised silver	1.00			1x 108.0	130.00	D39	1

Monomatt MM/K



PRODUCT INFORMATION

The Monomatt labelling material, in mat size 139x139 mm, has been developed especially for the pulsar laser printer.

The 1 mm thick, single layer, white polycarbonate is characterised by its excellent labelling property and has been among the

best materials available for label plates for many years.

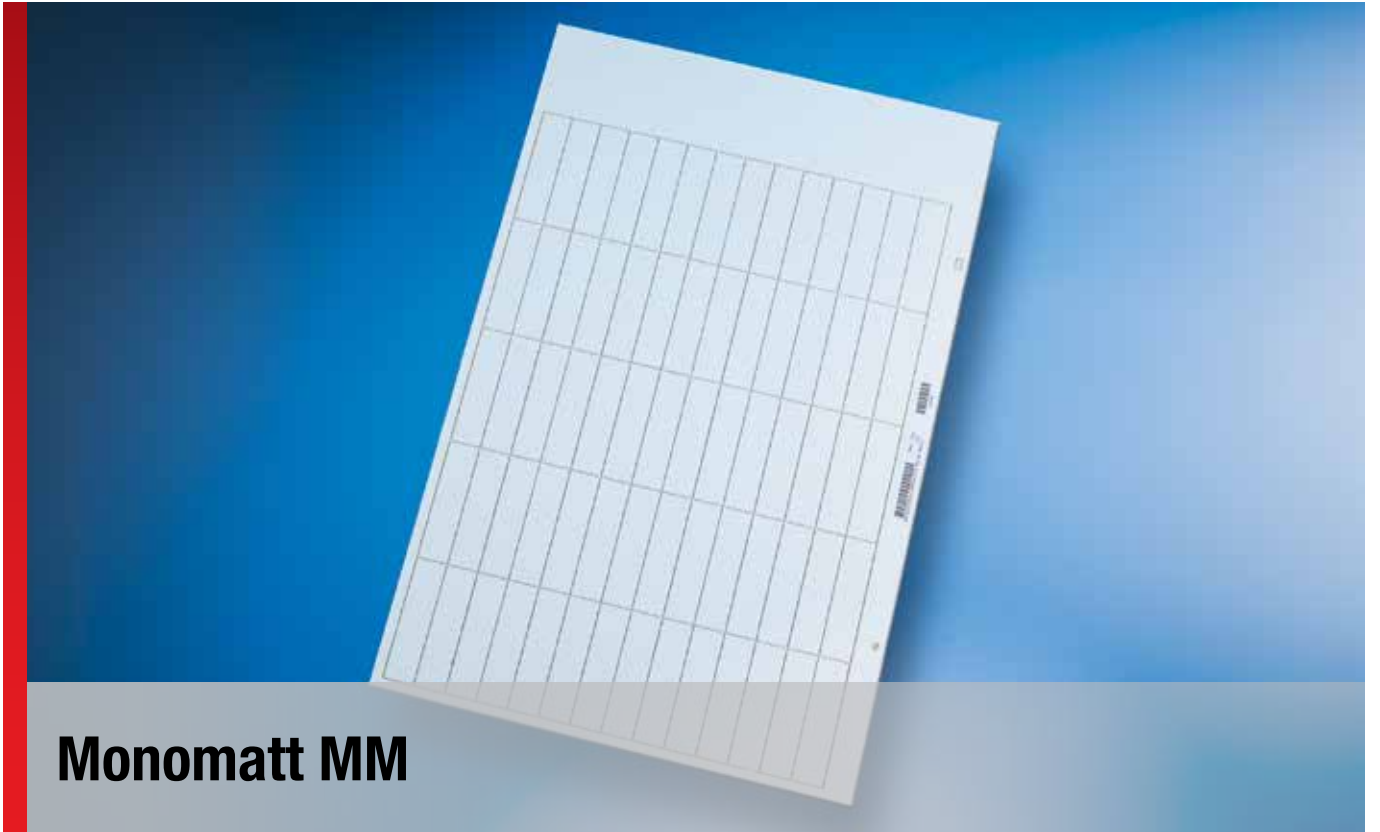
Monomatt MM/K is available with self-adhesive foil (SK) or with adhesive foil (HF).

SPECIFICATIONS

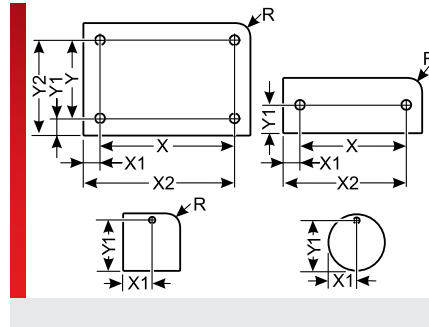
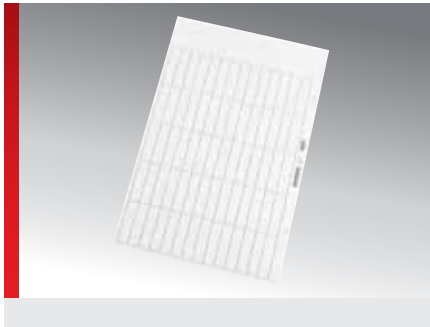
- 40 – 130 °C
- Polycarbonate (PC)
- V0
- Single-line and multi-line inscription

HF

Type	Order No.	Colour	Material thickness mm	Printable area mm	No. characters/lines	Hole patterns Number x Ø mm	Diameter mm	Software type	Pack qty.
Rectangular design, self-adhesive (for smooth surfaces)									
MM/K 10.5x9.5 SK	8608200006	White	1.00	10.5 x 9.5	5 / 2			K89	156
MM/K 30x12 SK	8608200005	White	1.00	30.0 x 12.0	16 / 3			G29	44
MM/K 60x20 SK	8608200001	White	1.00	60.0 x 20.0	33 / 5			D27	12
MM/K 70x27 SK	8608200002	White	1.00	70.0 x 27.0	38 / 7			D26	5
MM/K 82x22 SK	8608200003	White	1.00	82.0 x 22.0	45 / 6			D25	6
MM/K 95x45 SK	8608200004	White	1.00	95.0 x 45.0	52 / 13			D24	3
Rectangular design with adhesive foil and 2 holes									
MM/K 30x12 HF, 2x3.1MM	8608226001	White	1.00	18.6 x 12.0	10 / 3	2x 3,1		G28	44
MM/K 30x12 HF, 2x3.5MM	8608226002	White	1.00	20.0 x 12.0	11 / 3	2x 3,5		I99	20
Rectangular design with adhesive foil and 4 holes									
MM/K 34x38 HF, 4x4,0MM	8608246001	White	1.00	34.0 x 22.0	18 / 6	4x 4,0		B01	6
Rectangular design with corner radius, self-adhesive (for smooth surfaces)									
MM/K 18x9 R2 SK	8608100001	White	1.00	18.0 x 9.0	10 / 2			D33	72
MM/K 28x9 R2 SK	8608100006	White	1.00	28.0 x 9.0	15 / 2			D28	48
Round design, with adhesive foil, 1 drilled hole									
MM/K D=30 HF, 1x5,0MM	8608316001	White	1.00			1x 5,0	30.00	D49	16



Monomatt MM



PRODUCT INFORMATION

Single-layer polycarbonate with the excellent properties of our label plates. This is a white solid-coloured material that also meets the specifications of the standard material for the terminal strip markers. The high-gloss surface is protected by a yellowish protective foil when shipped.

Monomatt (MM) is available with self-adhesive foil (SK) or with adhesive foil (HF).

Monomatt (MM) with mat size 300x200 mm is designed for labelling with the Murrplastik p³b and pictor² inkjet systems, but can also be used with the plotter.

SPECIFICATIONS

- 40 – 130 °C
- Polycarbonate (PC)
- V0

HF

Type	Order No.	Colour	Material thickness mm	Printable area mm	No. characters/lines	Hole patterns Number x Ø mm	Diameter mm	Software type	Pack qty.
Rectangular design (single label)									
MM 300x200 HF	8607206003	White	1.00	300.0 x 200.0	166 / 58			ZM1	1
MM 300x200 SK	8607200004	White	1.00	300.0 x 200.0	166 / 58			ZM1	1
Rectangular design									
MM 6x15 SK	8607200015	White	1.00	6.0 x 15.0	3 / 4			I58	540
MM 8.5x30 SK	8607200012	White	1.00	8.5 x 30.0	4 / 8			H57	192
MM 14x45 SK	8607200016	White	1.00	14.0 x 45.0	7 / 13			I90	80
MM 24x84.5 SK	8607200018	White	1.00	24.0 x 84.5	13 / 24			I92	24
MM 25x5 SK	8607200009	White	1.00	25.0 x 5.0	13 / 1			D52	374
MM 25x8 SK	8607200008	White	1.00	25.0 x 8.0	13 / 2			D51	242
MM 27x15 HF	8607206004	White	1.00	27.0 x 15.0	15 / 4			D07	120
MM 27x18 SK	8607200021	White	1.00	27.0 x 18.0	15 / 5			L69	100
MM 27x18 SKS	8607202001	White	1.00	27.0 x 18.0	15 / 5			L48	100
MM 30x10 SK	8607200007	White	1.00	30.0 x 60.0	16 / 17			D50	153
MM 30x15 SK	8607200020	White	1.00	30.0 x 15.0	16 / 4			J68	108
MM 30x60 SK	8607200010	White	1.00	30.0 x 60.0	16 / 17			D60	27
MM 33x7.5 SK	8607200005	White	1.00	33.0 x 7.5	18 / 2			Z08	184
MM 40x7 HF	8607206005	White	1.00	40.0 x 7.0	22 / 2			D37	175
MM 40x80 SK	8607200011	White	1.00	40.0 x 80.0	22 / 23			D61	14
MM 50x12.5 SK	8607200014	White	1.00	50.0 x 12.5	27 / 3			H97	70
MM 95x45 SK	8607200017	White	1.00	95.0 x 45.0	52 / 13			I91	12
MM 95x145 SK	8607200006	White	1.00	95.0 x 145.0	52 / 42			D35	3
MM 118x92 SK	8607200019	White	1.00	118.0 x 92.0	65 / 27			J09	4
MM 120x120 HF	8607206006	White	1.00	120.0 x 120.0	66 / 35			M35	2

Monomatt MM (Continued...)

Type	Order No.	Colour	Material thickness mm	Printable area mm	No. characters/lines	Hole patterns Number x Ø mm	Dia-meter mm	Soft-ware type	Pack qty.
Rectangular design with corner radius									
MM 9x15 R2 SKS	8607402001	White	1.00	9.0 x 15.0	5 / 4			I95	372
MM 22x8 R2 SK	8607100001	White	1.00	22.0 x 8.0	12 / 2			H81	216
MM 40x20 R2 SK	8607400002	White	1.00	40.0 x 20.0	22 / 5			Z11	63
MM 40x20 R2 SKS	8607102000	White	1.00	40.0 x 20.0	22 / 5			D91	56
MM 110x60 R2 SK	8607400001	White	1.00	110.0 x 60.0	61 / 17			J10	6
Rectangular design with 2 holes									
MM 95x75 HF, 2X3.2MM	8607226001	White	1.00	85.6 x 75.0	47 / 22	2x 3,2		J86	6
MM 95x75 SK, 2X3.2MM	8607240001	White	1.00	85.6 x 75.0	47 / 22	2x 3,2		L64	6
Rectangular design with corner radius and 2 holes									
MM 41x17 R2 HF, 2.3MM	8607426001	White	1.00	29.0 x 17.0	16 / 5	2x 3,0		J84	70
MM 52x26 R5 HF, 2X2.5MM	8607126000	White	1.00	32.0 x 26.0	17 / 7	2x 2,5		Z00	30
MM 110x75 HF, 2X3,2MM	8607226002	White	1.00	97.8 x 75.0	54 / 22	2x 3,2		K22	4
Rectangular design with corner radius and 4 holes									
MM 74x37 R5 HF, 4X2.5MM	8607146000	White	1.00	54.0 x 37.0	30 / 10	4x 2,5		Z01	12
MM 84x54 R5 HF, 4X2.5MM	8607146001	White	1.00	64.0 x 54.0	35 / 15	4x 2,5		Z02	9
MM 100x60 R5 HF, 4X3.7MM	8607146002	White	1.00	80.0 x 60.0	44 / 17	4x 3,7		Z03	6
MM 120x70 R5 HF, 4X3.7MM	8607146003	White	1.00	100.0 x 70.0	55 / 20	4x 3,7		Z04	4
MM 139x85 R5 HF, 4X3.7MM	8607146004	White	1.00	119.0 x 85.0	66 / 25	4x 3,7		Z05	4
MM 139x139 R5 HF, 4X3.7MM	8607146005	White	1.00	119.0 x 139.0	66 / 40	4x 3,7		Z06	2
Circular blanks (round version)									
MM D=22 mm SK	8607300001	White	1.00				22.00	H22	96



Laser systems

mp-LM 1



PRODUCT INFORMATION

Economical laser labelling system for the automated processes of large, individual print jobs for the project-specific labelling of most Murrplastik plastic labels.

Scope of delivery

- laser labelling system
• USB cable
• Power cable
• 2 m extraction hose
• Receiving container (collection container)
• Separator plates for mixed population (3 pcs)
• Operating Manual
• CD with licensing information

Technical data

- Laser power: 1.5 W
• Laser source: Nd:YAG / pulsed
• Wavelength emissions: 1064 nm

- Cooling: Air
• Printable area: 120 x 120 mm
• Operation duration: ca. 114 s (1 frame KS 4/18 L, TrueType Arial, 342 characters, 6 ea. label)
• Laser class: 1
• Ports: USB, Ethernet
• Input voltage: 100 - 240 V AC
• Dimensions (HxWxD): 475x795x300 mm
• Weight: 17.5 kg / 38.6 lb
• Storage temperature: min. 0 °C / max. 50 °C (max. 24h)
• Transport: The unit should not be exposed to shocks or vibrations.
• Operating temperature: min. 15 °C / max. 35 °C
• Humidity: 10 - 85 % without condensation

SPECIFICATIONS

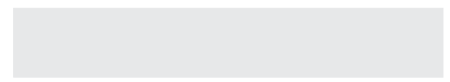


Table with 3 columns: Type, Order No., Pack qty. The first row contains mp-LM 1, 86624110, and 1. The rest of the table is empty.

mp-LM 10



PRODUCT INFORMATION

Economical laser labelling system for the automated processes of large, individual print jobs for the project-specific labelling of most Murrplastik plastic labels.

Scope of delivery

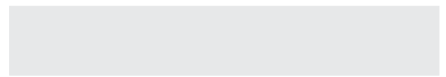
- Laser labelling system
- USB cable
- Power cable
- 2 m extraction hose
- Receiving container (collection container)
- Separator plates for mixed population (3 pcs)
- Operating Manual
- CD with licensing information

Technical data

- Laser power: 10 W
- Laser source: Nd:YAG / pulsed

SPECIFICATIONS

- Active laser source
- Wavelength emissions: 1064 nm
- Cooling: Air
- Printable area: 120 x 120 mm
- Operation duration: ca. 17 s (1 frame KS 4/18 L, TrueType Arial, 342 characters, 6 ea. label)
- Laser class: 1
- Ports: USB, Ethernet
- Input voltage: 100 – 240 V AC
- Dimensions (HxWxD): 475x795x300 mm
- Weight: 18.5 kg / 40.79 lb
- Storage temperature: min. 0 °C / max. 50 °C (max. 24h)
- Transport: The unit should not be exposed to shocks or vibrations.
- Operating temperature: min. 15 °C / max. 35 °C
- Humidity: 10 – 85 % without condensation



Type	Order No.	Pack qty.
mp-LM 10	86624150	1

Accessories and spare parts for the mp-LM



mp-LM F



Separator plates set



Receiving container (catch tank)

PRODUCT INFORMATION

mp-LM F Extraction and filter unit

Robust suction unit for the mp-LM series to extract harmful dust, gases and vapours that accrue during the laser labelling process.

mp-LM separator plates set

Contains 5 separator plates, which are necessary for separating materials in mixed magazine population.

mp-LM receiving container (catch tank)

Receiving container for labelling mats, especially designed for the labelling process of the mp-LM.

Type	Order No.	Pack qty.
Collecting device for labelled materials		
mp-LM receiving container (catch tank)	86624116	1
Separator plates for magazine loading		
mp-LM separator plates set	86624117	5
Premium carrier plate with adhesive foil to hold any labelling material		
mp-LM Trägerplatte Premium	86624135	1
mp-LM Trägerplatte Premium Set + Box	86624136	1
SK carrier plates to hold labelling material		
mp-LM SK carrier plate	86624127	5
mp-LM carrier plate set SK + box	86624128	1
Spare glue dots for SK carrier plate		
mp-LM SK glue dots	86624191	48
Spare glue dots for HF ALU+V4A carrier plate		
mp-LM glue dots HF ALU+V4A	86624190	48
HF ALU-V4A carrier plate to hold labelling materials		
mp-LM Trägerplatte HF ALU-V4A	86624125	5
mp-LM Trägerplatte Set HF Alu-V4A + Box	86624126	1
Adapter plates for accepting single line of 3-line labelling materials		
mp-LM single tree adapter 3	86624131	1
Adapter plates for accepting single line of 4-line labelling materials		
mp-LM single tree adapter 4	86624132	1

pulsar M6



PRODUCT INFORMATION

Individualised and abrasion-proof labels for labels made of metal and plastic, as well as laser foil.

Murrplastik presents the pulsar M6, as the system for manual workstation use for the realisation of abrasion-proof, quality labelling on a wide variety of base materials.

Benefits

- Labelling stability
- High output volume
- High quality
- Processing of a range of different materials is possible
- Minimal operating costs
- No consumables used
- Easy to use
- No-contact marking

Labelling a variety of Murrplastik-Materials

Stainless steel, anodised aluminium, Polycarbonate signs, Monomatt, Polypropylene signs, laser foil

Minimal operating costs

- No supplies needed
- Nearly service free
- Low maintenance
- Low set-up times
- High degree of dependability

Technical data for pulsar M6

- Laser source: 6 watt solid state laser
- Wavelength: 1064 nm
- Modulation: Frequency 15 KHz - 200 KHz
- Cooling: Air
- Input voltage: 230 V / 50-60 Hz (voltage converter 110 - 135 V optional)
- Power: 0.5 KW
- Dimensions: 630 x 510 x 755 mm (H x W x D)
- Weight: 54 kg
- Interface: USB
- Safety: Laser class 1
- Printable area 140 x 140 mm

SPECIFICATIONS



Type	Order No.	Pack qty.
pulsar M6 laser labelling system	86624010	1

pulsar A6



PRODUCT INFORMATION

More productivity through automation

Increase productivity with the automation of the laser device by using a modular expansion unit.

One beneficial side effect of this is that application errors can be minimized, ensuring consistent quality regardless of the operator. With the new automation unit, the proven pulsar technology can be turned into a completely autonomous unit. This unit can handle up to 100 mats (e.g. 5,700 KS labels) autonomously, no human interaction required. Automation makes the pulsar 16 times more productive. Until now, the laser marking device required the presence and attention of the operator at all times. The pulsar now works completely independently. With a simple adaptation to the existing pulsar M6 units (generation 2 and newer) and the option to continue using the device manually after adapting the automation unit, manufacturers can offer a high degree of flexibility for the user.

The device includes a set of 2 base plates and magazines. This set is customised, because of the large range of materials available. Depending on the actual variances, an additional set may have to be added.

Benefits

- Can be adapted retrospectively
- Magazine of up to 100 mats

- More than 10,000 signs/hr independent working time.
- Fully automated inscription process
- All pulsar M6 features remain
- Low operating and maintenance costs
- Manual operation still serviceable
- Pick and Place
- Simple handling of the magazines

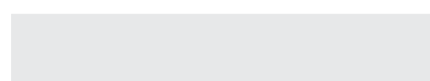
Labelling a variety of Murrplastik materials

Stainless steel, anodised aluminium, Polycarbonate signs, Monomatt, Polypropylene signs, laser foil

Technical data: pulsar A6

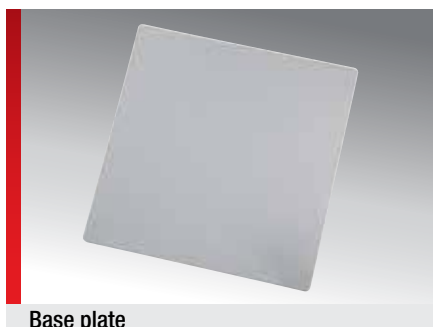
- Laser source: 6 watt solid state laser
- Wavelength: 1064 nm
- Modulation: Frequency 15 KHz - 200 KHz
- Cooling: Air
- Pneumatic: 4 bar, > 200 l/min (DIN ISO 8573-1: 2010)
- Input voltage: 230 V / 50-60 Hz
- Power: 1 kW (with pulsar M6)
- Dimensions: 630 x 1050 x 920 mm (H x W x D)
- Weight: 110 kg (with pulsar M6)
- Interface: USB
- Safety: Laser class 1
- Printable area 140 x 140 mm

SPECIFICATIONS



Type	Order No.	Pack qty.
pulsar A6 laser labelling system	86624013	1

Accessories for pulsar M6 / pulsar A6



Base plate



Connection nozzle

PRODUCT INFORMATION

pulsar GPU 140x140 base plate

Base plate with adhesive properties to hold ESK, EST, ALU/K, MM/K, ELF and ELF/T labelling materials.

Base plates for mounting of labels are listed in the accessories area.

pulsar conduit pipe nozzle kit.

For connecting to an external exhaust system or external extraction system* (straight nozzle version).

* external extraction system upon request

- 1x pulsar conduit connection nozzle
- 4x screws
- 1x conduit clamp
- 1x hollow hexagon (Allen) wrench

pulsar conduit pipe nozzle 90° Kit

For connecting to an external exhaust system or external extraction system* (angled nozzle version).

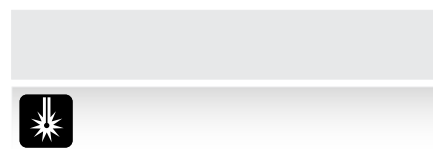
* external extraction system upon request

- 1x pulsar 90° conduit connection nozzle, 90°
- 4x screws
- 1x conduit clamp
- 1x hollow hexagon (Allen) wrench

pulsar M6 voltage converter 110 - 135 V

Voltage converter for 110 - 135 V markets.

SPECIFICATIONS



Type	Order No.	Pack qty.
Accessories		
pulsar GPU 140x140 base plate	86621029	1
pulsar conduit pipe nozzle kit	86624021	1
pulsar conduit pipe nozzle 90° kit.	86624025	1
Accessories (only pulsar M6)		
pulsar 110 - 135 V voltage converter	86624022	1



Inkjet-systems

Supplies for pictor² / pictor² Black



PRODUCT INFORMATION

Ink cartridges

Surface etching ink has been developed to label polycarbonate signs, Monomatt (PC) and polyester or polycarbonate labels (ELW, ELG, ELPT, ELO perforated).

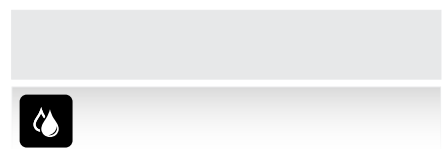
Glossy dummy cartridge

The glossy dummy cartridge serves as a place holder only. It is empty.

ServicesSet

The Service Set consists of ink collectors and fleece to absorb any ink residues left after installing the equipment and during the rinsing process.

SPECIFICATIONS



Type	Order No.	Pack qty.
Ink cartridges		
pictor ² ink cartridge, yellow	86625121	1
pictor ² ink cartridge, vivid magenta	86625122	1
p ³ b ink cartridge, matt black	86625123	1
pictor ² ink cartridge, red	86625124	1
pictor ² ink cartridge, orange	86625125	1
p ³ b ink cartridge, photo black	86625126	1
pictor ² ink cartridge, cyan	86625127	1
Glossy dummy cartridge (serves as a place holder)		
Pictor ² empty cartridge, glossy	86625130	1
Service set (consisting of ink-catching reservoir and waterleaf paper)		
p ³ b service set	86625114	1



Plotter systems

mp-PM Basic



PRODUCT INFORMATION

Flexible and handy plotter with no pen station that helps you label marking elements quickly and easily.

Rugged construction in stylish aluminium;
 Labelling area 273 mm x 305 mm for six aluminium base plates GPx or a base plate GPU A4;
 Easy to change fixtures to suit a variety of marking elements;
 Universal power supply of 100-240 V AC / 50-60 Hz;
 Neat labelling right from the very first marking element;
 PC interface: USB port;
 Control language: HPGL;
 Engraving option mp-EM Opt. optionally adaptable.

mp-PM Basic Plotter-System

- Plotter mp-PM Basic incl. base plate
- USB data cable
- Power supply 100-240 V Euro adapter attached
- Mains adapter USA and UK
- Operating instructions

mp-PM Basic Plotter-Set

- Plotter mp-PM Basic incl. base plate
- 3 base plates type GP 3
- 3 base plates type GP 4
- Ink pen disposable MP2.0 – 0.35 mm
- ACS Gold Studio software
- USB data cable
- Power supply 100-240 V Euro adapter attached
- Mains adapter USA and UK
- Operating instructions

SPECIFICATIONS



Type	Order No.	Pack qty.
mp-PM Basic system	86622074	1
mp-PM Basic set	86622072	1
Aluminium transport case		
mp-PM Basic / MGS 50 Alu-Case	86622078	1

mp-PM A3



PRODUCT INFORMATION

Flexible allround plotter with A3 working area and pen station storing 4 plotter pens.

Rugged construction in stylish aluminium; Labelling area 422 mm x 305 mm for ten aluminium base plates GPx, one or two base plates GPU A4 or one base plate GPU A3; Easy to change fixtures to suit a variety of marking elements; Optimum plotter pen seal through which pens can be stored in the plotter’s pen station during operation; Universal power supply of 100-240 V AC / 50-60 Hz; Neat labelling right from the very first marking element; PC interface: USB port; Control language: HPGL; Engraving option mp-EM Opt. optionally adaptable.

mp-PM A3 System

- Plotter mp-PM A3 incl. base plate
- USB data cable
- Power supply 100-240 V Euro adapter attached
- Mains adapter USA and UK
- Operating instructions

mp-PM A3 Set

- Plotter mp-PM A3 incl. base plate
- 5 base plates type GP 3
- 5 base plates type GP 4
- Ink pen disposable MP2.0 – 0.35 mm
- ACS Gold Studio software
- USB data cable
- Power supply 100-240 V Euro adapter attached
- Mains adapter USA and UK
- Operating instructions

SPECIFICATIONS



Type	Order No.	Pack qty.
mp-PM A3 system	86622070	1
mp-PM A3 set	86622068	1

mp-EM opt.



PRODUCT INFORMATION

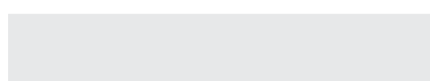
Designed to quickly and economically convert the plotters of the mp-PM family into a fully adequate engraving unit with suction.

The new engraving option offers a digital engraving depth counter, an adjustment aid (zero setting) as well as a holding bracket to store the plotter module resp. the engraving module in disuse. The new spindle generation also allows in cooperation with the depth controller an accurate setting of the engraving depth in 0.025 mm steps.

Scope of supply

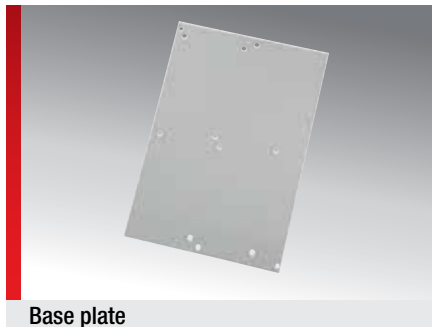
- Engraving head with engraving spindle and digital engraving depth counter
- Engraving burin 0.5 mm / 15°
- Engraving spindle connection cable
- Controller
- Controller connection cable
- Vacuum cleaner with suction hose and suction bracket.
- Vacuum cleaner connection cable
- Holding bracket
- Calibration stud
- Power cord

SPECIFICATIONS



Type	Order No.	Pack qty.
Engraving option for mp-PM plotter systems		
mp-EM opt.	86622075	1
Accessories		
Engraving option suction unit G3 / VC	86622060	1
Engraving option / MGS vacuum cleaner bag set	86691072	1
Spare parts		
mp-EM opt. lifting unit	86691088	1
Engraving option control unit G3 VEC	86691038	1
Engraving option cable set	86691036	1
Engraving option suction hose	86691044	1

mp-PM replacement parts



Base plate

PRODUCT INFORMATION

Base plates

Mounting adaptors for the various labelling materials used on plotter systems. The mounting adapter is the connector piece between the plotter housing and the base plate.

Base plates

Base plates for mounting of labels like Mono-matt, Duomatt, aluminium and stickers are listed in the accessories area.

Type	Order No.	Pack qty.
Support adapters for base plates		
mp-PM/MVPS basic base plate	86621031	1
mp-PM/MVPS G3 base plate	86622011	1
Ink pen receptacle		
mp-PM pin unit	86691081	1
Integrated electronic components¹⁾		
mp-PM input board ¹⁾	86691084	1
mp-PM basic control board ¹⁾	86691083	1
mp-PM A3 control board ¹⁾	86691082	1

¹⁾ Requires opening the device and may only be carried out by the Murrplastik service team while still under warranty.

Special writing pens for plotter systems



Refillable pen



Disposable pen

PRODUCT INFORMATION

Disposable pen (full)

Available in different line thicknesses. Robust action. The pen is activated by assembling and locking the two parts together (pen tip and non-refillable ink cartridge).

Refillable pen (empty)

Available in different line thicknesses. The pen can be filled with replaceable cartridges (1 ml) or with ink from a bottle (30 ml).

Refillable pen for fabric labels (empty)

Special ink pen for textile labels (e.g. EDG type). The pen can be filled with replaceable cartridges (1 ml) or with ink from a bottle (30 ml).

Please note: All writing pens (excepting non-refillable ones) are delivered unfilled. Writing ink (bottles/cartridges) must be ordered separately.

SPECIFICATIONS



Type	Order No.	Pack qty.
Disposable pens MP2.0 (full)		
MP2.0 0.18 mm disposable ink pen	86621464	1
MP2.0 0.25 mm disposable ink pen	86621466	1
MP2.0 0.35 mm disposable ink pen	86621468	1
MP2.0 0.5 mm disposable ink pen	86621472	1
MP2.0 0.7 mm disposable ink pen	86621474	1
MP2.0 1.0 mm disposable ink pen	86621476	1
Disposable pens IPC (full)		
MP-IPC 0.18 mm disposable ink pen	86621490	1
MP-IPC 0.25 mm disposable ink pen	86621492	1
MP-IPC 0.35 mm disposable ink pen	86621494	1
Reusable pen MP2.0 (empty)		
MP2.0 0.18 mm ink pen	86621480	1
MP2.0 0.25 mm ink pen	86621481	1
MP2.0 0.35 mm ink pen	86621482	1
MP2.0 0.5 mm ink pen	86621483	1
MP2.0 0.7 mm ink pen	86621484	1
MP2.0 1.0 mm ink pen	86621485	1
Reusable pen for MP2.0 fabric labels (full)		
MP2.0 0.35 mm ink pen labels	86621471	1

Ink and cleaner with accessories



Ink



Cleaner



Cleaning appliances

PRODUCT INFORMATION

Ink

Etching ink for UV stable labelling with the reusable pen. The ink's outstanding feature is its high stability on various forms of media.

Cleaner

The MP2.0 cleaner has been developed for the cleaning and care of the ink pens.

Cleaning set

Includes the MP2.0 cleaner, a collection beaker and a cleaning cloth.

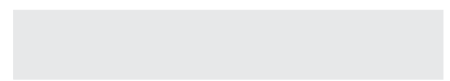
Cleaning Unit

Includes a collection beaker and a cleaning cloth.

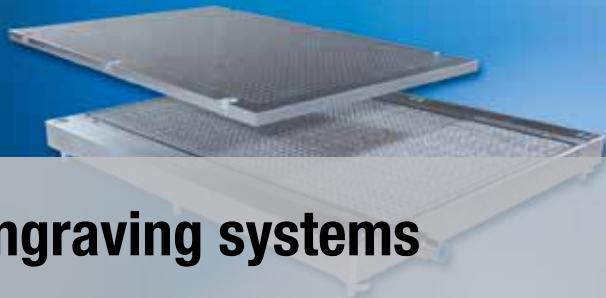
Pressure ball

The pressure ball activates ink flow in the reusable pen after a refill, or longer periods of inactivity.

SPECIFICATIONS

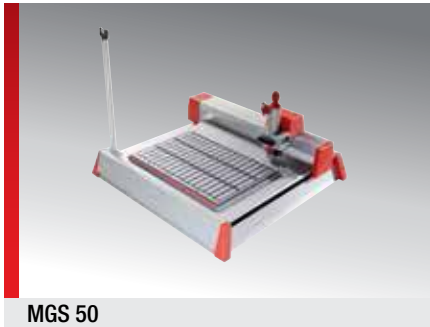


Type	Order No.	Pack qty.
MP2 ink for refillable pen		
MP2.0 (5 x 1 ml) ink cartridge	86621233	1
MP2.0 ink (30 ml)	86621235	1
Cleaning fluid for MP2.0 ink		
MP2.0 (2 x 10 ml) cleaner cartridge	86621244	1
MP2.0 30 ml cleaner	86621243	1
Cleaning kit and accessories		
MP2.0 cleaner set (MP2.0 cleaner and cleaning unit)	86621241	1
Pressure ball	86351050	1



Engraving systems

MGS 50 / MGS 60



MGS 50



MGS 60

PRODUCT INFORMATION

Flexible and handy engraving device, for engraving plastic and aluminium materials (DM, DMG, ALU, ALM).

Engraving system based on a plotter design, with permanent engraving head (lifting unit). Available in A4 (MGS 50) and A3 (MGS 60).

The MGS 50 or 60 features a digital display of the engraving depth. Thus, when setting the engraving depth, the individual steps in

rotating the depth control no longer need to be counted. Settings are in 0.025 mm increments.

Base plates

Suitable GPU A4 or GPU A3 base plates are listed with the "Accessories"; they are not part of the engraving system's scope of delivery.

SPECIFICATIONS



Type	Order No.	Pack qty.
MGS 50 A4 engraving system	86622026	1
MGS 60 A3 engraving system	86622028	1
Accessories		
Engraving option suction unit G3 / VC	86622060	1
Engraving option / MGS vacuum cleaner bag set	86691072	1
MGS (40-TO/50/60) vacuum plate ¹⁾	86622064	1
MGS (40-TO/50/60) vacuum plate ¹⁾	86622066	1
MGS (40-TO/50/60) suction adapter set	86622062	1
mp-PM Basic / MGS 50 Alu-Case	86622078	
Spare parts		
MGS 50 / MGS 60 depth adjuster	86691037	1
MGS 50 / MGS 60 engraving spindle	86691035	1

¹⁾ to be used only with vacuum plate

CAM 100



PRODUCT INFORMATION

CAM 100 complete system

Complete engraving system for Duomatt, Alumatt and aluminium labelling materials and other materials suitable for engraving. The Murrplastik complete system consists of the 3-axis mechanism, accessories and the control devices; they are offered in various sizes.

Scope of delivery - complete system:

- Basic system including control unit
- A complete set of cables for connecting the axes with the controller, as well as the controller and the computer
- Spindle 170 E
- Vacuum table with chip vacuum pump *
- Suction equipment (without vacuum)
- Cooling / misting device

* If no compressed air supply is available, it will be necessary to order an electric vacuum pump instead of the standard chip vacuum pump.

General technical data

- Positioning range X/Y 330 x 290 mm, stroke 75 mm
- Clamping surface 500 x 600 mm

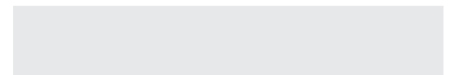
General mechanical data

- Flat surface milled, face accuracy < 0.05 mm
- x/y/z infeeds, backlash-free, with stepped motor drive
- 3 ball screw drives, 16 x 5 mm with flange bearings
- Rubber cover with Teflon coating
- Repeat accuracy +/- 1/100 mm
- 3 end and reference switches, accuracy < 1/100 mm
- Cable drag chains
- Easy to maintain structure

Technical data for electronics

- 19" table housing
- 230 V power supply
- Connection to computer through serial interface
- Expanded HPGL command set
- Triaxial controlling

SPECIFICATIONS



Type	Order No.	Pack qty.
CAM 100 complete system	86701020	1

CAM 200



PRODUCT INFORMATION

CAM 200 complete system

Complete engraving system for Duomatt, Alumatt and aluminium labelling materials and other materials suitable for engraving. The Murrplastik complete system consists of the 3-axis mechanism, accessories and the control devices; they are offered in various sizes.

Scope of delivery - complete system:

- Basic system including control unit
- A complete set of cables for connecting the axes with the controller, as well as the controller and the computer
- Spindle 170 E
- Vacuum table with chip vacuum pump *
- Suction equipment (without vacuum)
- Cooling / misting device

* If no compressed air supply is available, it will be necessary to order an electric vacuum pump instead of the standard chip vacuum pump.

General technical data

- Positioning range X/Y 540 x 500 mm, stroke 75 mm
- Clamping surface 750 x 850 mm

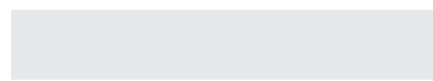
General mechanical data

- Flat surface milled, face accuracy < 0.05 mm
- x/y/z infeeds, backlash-free, with stepped motor drive
- 3 ball screw drives, 16 x 5 mm with flange bearings
- Rubber cover with Teflon coating
- Repeat accuracy +/- 1/100 mm
- 3 end and reference switches, accuracy < 1/100 mm
- Cable drag chains
- Easy to maintain structure

Technical data for electronics

- 19" table housing
- 230 V power supply
- Connection to computer through serial interface
- Expanded HPGL command set
- Triaxial controlling

SPECIFICATIONS



Type	Order No.	Pack qty.
CAM 200 complete system	86701022	1

CAM spindle



Spindle SF 170 E



Suction appliance



Cooling / spray device

PRODUCT INFORMATION

Murrplastik can also supply any of the engraving machine components as individual parts. As such, you can retrofit or upgrade existing systems according to your requirements.

Spindle SF 170 E

- High speeds, seamless regulation of speed range
- High speed stability, even under stress
- Nearly noiseless
- High output utilisation combined with low weight
- precision bearing
- Control of spindle through software

Technical data:

- Nominal output 170 W
- Max. 60,000 rpm
- Clamping range 1 – 4 mm
- Manual tool change with quick clamping
- Software controlled frequency converter

Suction appliance

For all CAM models, including mounting parts and extraction hose (without vacuum)

Cooling / misting device

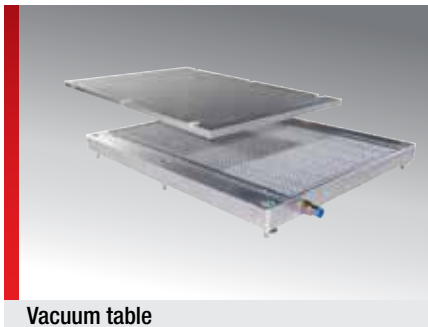
For all CAM models, including mounting parts, pressure and fluid hoses

SPECIFICATIONS



Type	Order No.	Pack qty.
Spindle		
Spindle SF 170 E	86701212	1
CAM series SF spindle 170W with inverter	86701214	1
Suction appliance		
Suction equipment (for all CAM models)	86701810	1
CAM series replacement suction shoe for SF 170	86721017	1
Cooling / misting device		
Cooling / spraying equipment (for all CAM models)	86701812	1

CAM vacuum table



Vacuum table

PRODUCT INFORMATION

Clamping as if by magic. We can supply a vacuum grid table matching the engraving machine model for the specific purpose of clamping our Duomatt, Alumatt and aluminium mats or for level work pieces. If there is no compressed air supply at the site of installation it will be necessary to order an electric vacuum pump instead of the standard chip vacuum pump.

CAM 100 vacuum table

Technical data:

- Size approx. 355 x 290 mm
- Raster gap 3 mm

Scope of delivery:

- Vacuum raster plate of aluminium
- Chip vacuum pump incl. accessories
- Sealing cord

CAM 200 vacuum table

Technical data:

- Size approx. 540 x 485 mm
- Raster gap 3 mm

Scope of delivery:

- Vacuum raster plate of aluminium
- Chip vacuum pump incl. accessories
- Sealing cord

Optional with a new order in conjunction with CAM 100

Electric vacuum pump instead of chip vacuum pump (surcharge)

Spare parts

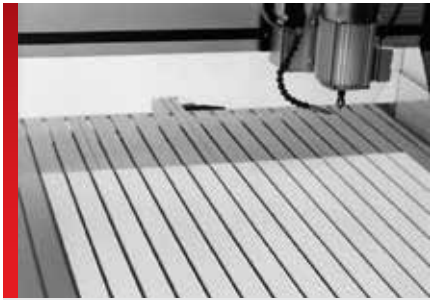
Sealing cord
Electric vacuum pump
Vacuum grid plate
Perforated vacuum plate

SPECIFICATIONS



Type	Order No.	Pack qty.
Vacuum table		
CAM 100 Grid vacuum base plate ALU	86701614	1
CAM 100 ALU perforated vacuum plate	86701616	1
CAM 100 vacuum table pitch pattern	86701610	1
CAM 200 vacuum table pitch pattern	86701612	1
Optional, in case of CAM reorder		
CAM series elect. vacuum pump	86701618	1
Electric vacuum pump instead of chip vacuum pump (surcharge)	86901614	1
Accessories		
Replacement sealing cord	86721018	3

CAM other accessories



Polystyrene base



Subframe

PRODUCT INFORMATION

T-grooves set - Allows secure clamping of the material to be processed
3 different tensioning elements for direct clamping of work pieces via the T-grooves of the CAM system

Scope of delivery:

- 4 clamps
- 2 manual lever - clamping devices
- 6 stop rails of different lengths (75, 175, and 250 mm)

Polystyrene base - ensures optimum parallelism of the machine table after flush trimming. Polystyrene strips, suited to CAM 100 and CAM 200

Subframe - for the stable placement of the machine (included in the delivery supply of the CAM 200)
Suitable base of CAM 100 and CAM 200

Scope of delivery:

- Aluminium profiles, angles and stands

Canopy - Ensure safety and cleanliness at the workplace and reduces noise level
CAM 200 cover

Scope of delivery:

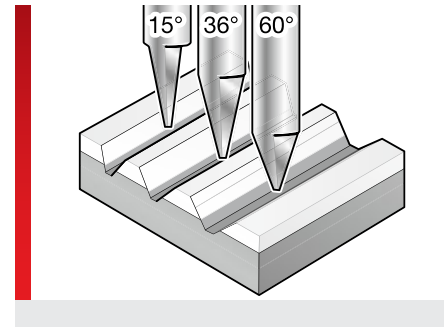
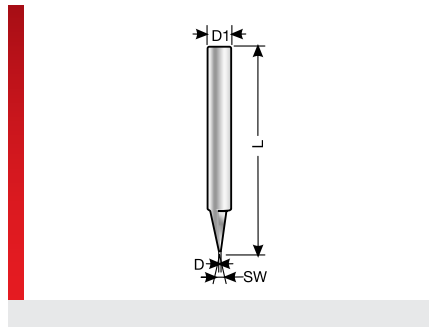
- Aluminium profiles with connectors
- Tinted Plexiglass glazing
- cable entry at rear

SPECIFICATIONS



Type	Order No.	Pack qty.
T-grooves set		
T-grooves set	86721212	1
Polystyrene base		
CAM 100 polystyrene base	86721014	1
CAM 200 polystyrene base	86721016	1
Subframe		
CAM 100 subframe	86701410	1
CAM 200 subframe	86701412	1
Canopy		
CAM 200 cover	86701414	1

Graver



PRODUCT INFORMATION

Gravers are conical tools (halved solid metal round bar, ground smooth) with a cutting edge. In principle, the smaller the angle at the point, the more constant is the engraving width, even if the material to be engraved is not flat. We would recommend our special 15° gravers when working with spindles without height scanning. The overall diameter gives the minimum engraving width. The deeper it presses into the material, the wider the engraving width. Ratio of plunge depth:

engraving width is predominantly determined by the angle at the point.

- Universal graver for engraving work
- For use with a wide range of materials (plastic, aluminium,...)

Engraving systems

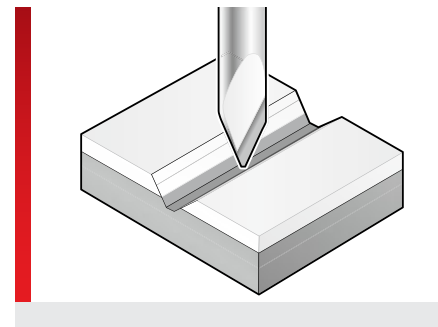
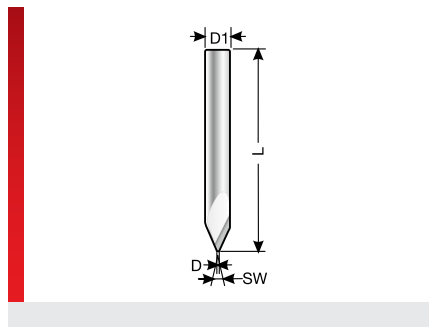
The graver can be used in conjunction with the MGS series CAM engraving system and the engraving option.

SPECIFICATIONS



Type	Order No.	Colour stop ring	D Ø mm	D1 Ø mm	L mm	Sectional view Angle °	Pack qty.
Nose angle 15 degree							
Graver 15° d = 0.2 mm	86721424	White	0.20	3.00	40.00	15.00	1
Graver 15° d = 0.3 mm	86721426	White	0.30	3.00	40.00	15.00	1
Graver 15° d = 0.4 mm	86721428	White	0.40	3.00	40.00	15.00	1
Graver 15° d = 0.5 mm	86721430	White	0.50	3.00	40.00	15.00	1
Graver 15° d = 0.7 mm	86721432	White	0.70	3.00	40.00	15.00	1
Nose angle 36 degree							
Graver 36° d = 0.2 mm	86721435	Yellow	0.20	3.00	40.00	36.00	1
Graver 36° d = 0.3 mm	86721436	Yellow	0.30	3.00	40.00	36.00	1
Graver 36° d = 0.4 mm	86721437	Yellow	0.40	3.00	40.00	36.00	1
Graver 36° d = 0.5 mm	86721438	Yellow	0.50	3.00	40.00	36.00	1
Graver 36° d = 0.7 mm	86721439	Yellow	0.70	3.00	40.00	36.00	1
Graver 36° d = 1.0 mm	86721440	Yellow	1.00	3.00	40.00	36.00	1
Nose angle 60 degree							
Graver 60° d = 0.2 mm	86721444	Orange	0.20	3.00	40.00	60.00	1
Graver 60° d = 0.3 mm	86721446	Orange	0.30	3.00	40.00	60.00	1
Graver 60° d = 0.4 mm	86721448	Orange	0.40	3.00	40.00	60.00	1
Graver 60° d = 0.5 mm	86721450	Orange	0.50	3.00	40.00	60.00	1
Graver 60° d = 0.7 mm	86721452	Orange	0.70	3.00	40.00	60.00	1
Graver 60° d = 1.0 mm	86721454	Orange	1.00	3.00	40.00	60.00	1

Milling cutter



PRODUCT INFORMATION

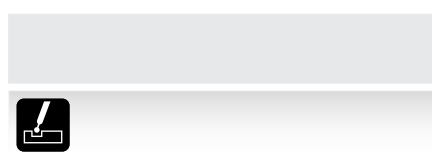
Milling cutters are conical tools with a cutting edge. The recently incorporated chip groove (spiral shaped) is able to remove chips very well. This will clear the engraving and leave it without burrs and clean. This tool has proved itself to be a veritable all-rounder!

- Speciality cutter for acrylic glass engravings
- For a variety of materials (plastics, aluminium, non-ferrous metals...)

Engraving systems

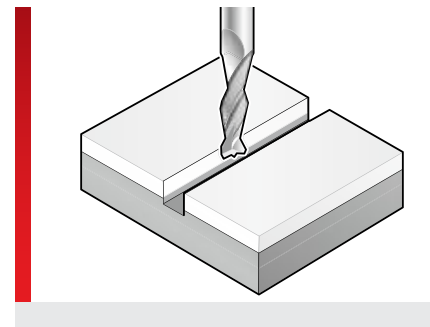
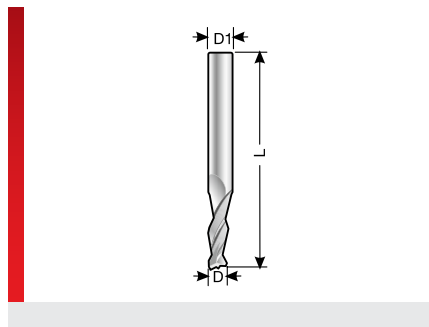
The milling cutter can be used in conjunction with the MGS series CAM engraving system and the engraving option.

SPECIFICATIONS



Type	Order No.	Colour stop ring	D Ø mm	D1 Ø mm	L mm	Sectional view Angle °	Pack qty.
Milling cutter 30° d = 0.5mm	86721474	Yellow	0.50	3.00	40.00	30.00	1
Milling cutter 60° d = 0.2 mm	86721470	Orange	0.20	3.00	40.00	60.00	1
Milling cutter 60° d = 0.5 mm	86721472	Orange	0.50	3.00	40.00	60.00	1

Single tool cutter and double-fluted cutter



PRODUCT INFORMATION

Single tooth cutter

The single tool cutter is a speciality tool for flush trimming of the vacuum table.

Double-fluted cutter

Double-fluted cutter, right-cutting with a fish-tail cut, so that it can be pressed easily even into hard materials.

- Affordably priced universal double-fluted cutter
- For milling non-ferrous metals and plastics

Engraving systems

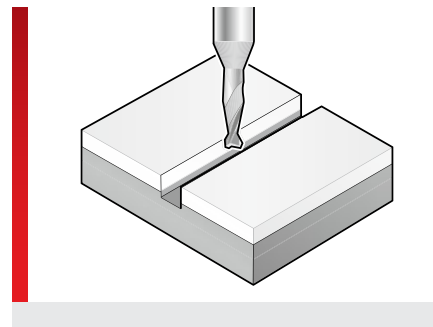
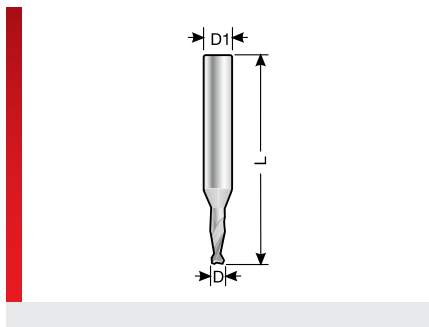
The double-fluted cutter can be used in conjunction with the MGS series CAM engraving system and the engraving option.

SPECIFICATIONS



Type	Order No.	Colour stop ring	D Ø mm	D1 Ø mm	L mm	Sectional view Angle °	Pack qty.
Single tooth cutter							
CAM single tool cutter d = 3.0 mm	86721482	Black	3.00	3.00	40.00	180.00	1
Double-fluted cutter							
Double-fluted cutter d = 2.0 mm	86721420	Green	2.00	3.00	40.00	180.00	1
Double-fluted cutter d = 2.4 mm	86721421	Green	2.40	3.00	40.00	180.00	1
Double-fluted cutter d = 3.0 mm	86721422	Green	3.00	3.00	40.00	180.00	1

Rub-out cutter



PRODUCT INFORMATION

The rub-out cutter has a lower breaking risk than the double-fluted cutter with fishtail cut, because of the shorter cutting edge; it is therefore better suited for diameters up to 1 mm.

- Engraving and milling of non-ferrous metals
- Suitable for hard plastics

Engraving systems

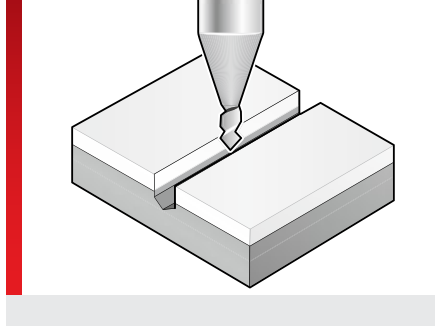
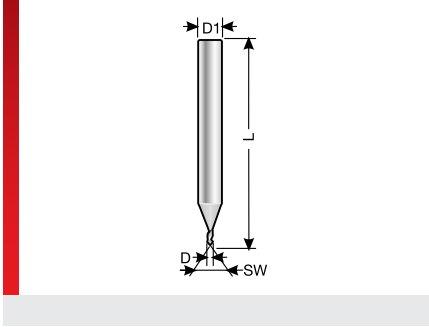
The rub-out cutter can be used in conjunction with the CAM engraving system.

SPECIFICATIONS



Type	Order No.	Colour stop ring	D Ø mm	D1 Ø mm	L mm	Sectional view Angle °	Pack qty.
For CAM engraving systems							
Rub-out cutter d = 0.5 mm	86721414	Blue	0.50	3.00	30.00	180.00	1
Rub-out cutter d = 1.0 mm	86721416	Blue	1.00	3.00	30.00	180.00	1

Isolation engraver



PRODUCT INFORMATION

This classy graver is a specially-developed conical tool. The cutting geometry remains the manufacturer's "secret". The result is burr-free and clean cutting grooves, which can also be used for the manufacture of PCB-prototypes, hence the name INSULATION ENGRAVER.

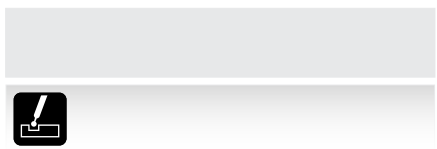
Its long service-life and durability, even at high feed velocities, makes it an ideal engraving tool for ALU, ALM, stainless steel and titanium alloys.

- Especially for engraving of fine, single-line scripts
- Suitable for aluminium and anodised aluminium
- For hard materials (such as stainless steel and titanium)

Engraving systems

The 30 mm insulation engraver can be used in conjunction with the CAM engraving system. The 40 mm insulation engraver is suitable for Murrplastik engraving systems.

SPECIFICATIONS

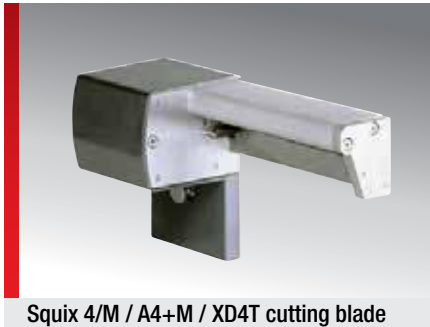


Type	Order No.	Colour stop ring	Stylus diameter D from - to mm	D1 Ø mm	L mm	Sectional view Angle °	Pack qty.
For CAM engraving systems							
Isolation engraver D=0.6 - 30 mm	86721412	Red	0.05 – 0.6	3.00	30.00	90.00	1
For all Murrplastik engraving systems							
Isolation engraver D=0.6 - 40 mm	86721411	Red	0.05 – 0.6	3.00	40.00	90.00	1
Isolation engraver D=1.0 - 40 mm	86721413	Red	0.05 – 1.0	3.00	40.00	90.00	1

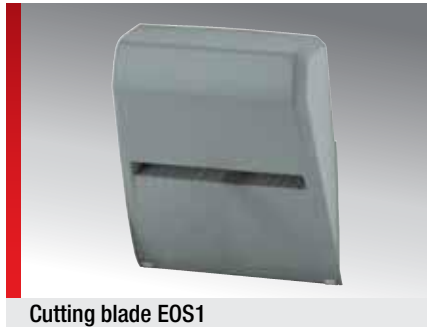


Thermal transfer systems

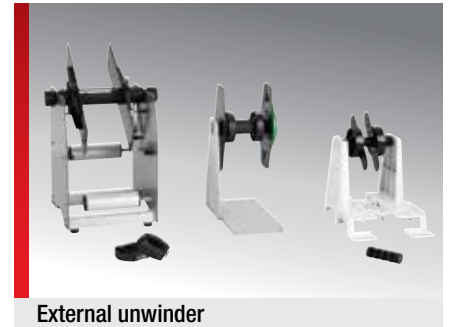
Accessories for mp-TM systems



Squix 4/M / A4+M / XD4T cutting blade



Cutting blade EOS1



External unwinder

PRODUCT INFORMATION

Cutters

The cutting blade separates all printable materials. Depending on the type of printer used, paper labels, self-adhesive labels, cardboard or fabric labels and plastic materials, as well as heat-shrink tubing can be cut.

Perforation blade

The perforating blade allows for optional perforation of the materials, in addition to the cutting, so that it may be separated by hand at a later time.

External unwinder

The external unwinder is needed for rolls of material that are too large to fit into the printer. It automatically centres the rolls of materials when placed into the equipment and makes an even feed of heavy rolls possible. Externally wound, as well as internally

wound rolls can be processed. The external unwinder has been designed to hold 3 in cab-label rolls. There is one version for the mp-TM EOS1 and one version for the mp-TM A4+M and mp-TM XD4T Twin.

External unwinder for 1" core

The external unwinder for 1" cores is suitable for holding 1 inch label rolls, such as pavonis label rolls and can also be used for the mp-TM EOS1, den mp-TM A4+M and den mp-TM XD4T Twin.

Internal roll holder for 1" core

The internal roll holder for 1 "core is required for printing TEP and TEG series labels.

Margin stop

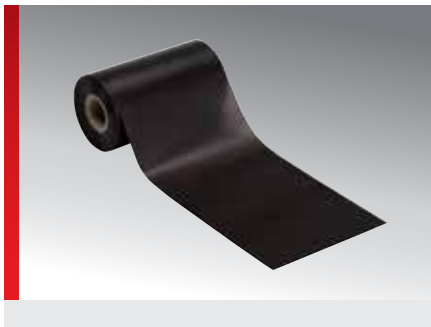
The margin stop centres the label rolls and is available for reorder as a spare part.

SPECIFICATIONS



Type	Order No.	Pack qty.
Accessories for mp-TM EOS1		
mp-TM EOS1 cutting blade	86661820	1
mp-TM EOS1 perforation blade	86661821	1
mp-TM EOS1 external unwinder	86661825	1
Accessories for mp-TM Squix 4/M		
mp-TM SQUIX 4/M cutting blade	86661841	1
mp-TM SQUIX 4/M perforation blade	86661842	1
Accessories for mp-TM A4+M and mp-TM XD4T Twin		
mp-TM cutting blade	86661810	1
mp-TM perforation blade	86661811	1
mp-TM external unwinder	86661815	1
Accessories for mp-TM A4+M		
mp-TM internal roll holder for 1" Core	86661832	1

FB-TM colour ribbon



PRODUCT INFORMATION

FB-TM label colour printer ribbons is made of highly durable premium-quality resin for thermal transfer method printers of the mp-TM Series

- Perfect print quality
- DOR black: 1.7
- Superior abrasion and scratch resistance
- Highly resistant to solvents
- Outside use
- Salt-water proof
- Antistatic

Suitable for printing of

Alpha-numerical characters or Logos
All type of barcodes

Areas of application

Electrical and mechanical engineering
Automobile industry
Packaging industry

Pharmaceutical industry
Food industry

Storage

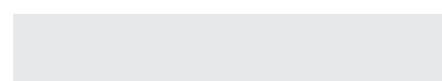
12 months, 5 - 35 °C
20% – 80 % rel. humidity,

Certifications

BGA
BS 5609
UL tested
EC 98/638
Ames test
TSCA
California Proposition 65
CE 1999/45/EC
CE 2001/59/EC

Recommended for inscribing the ECP Premium and ECP ECO labels and the KC* ECO series.

SPECIFICATIONS



Type	Order No.	Colour	Roll width mm	Roll length m	Pack qty.
FB-TM label colour ribbon					
FB-TM Label colour printer ribbon - 40mm x 300m	86662004	Black	40	300	1
FB-TM Label colour printer ribbon - 110mm x 300m	86662003	Black	110	300	1

FB-BT and FB-ECO colour printer ribbon



PRODUCT INFORMATION

Colour printer ribbons highly durable premium-quality resin for thermal transfer method printers of the mp-TM Series

FB-BT colour ribbon

- Very good print quality for smooth surfaces
- Excellent scratch resistance
- High resistance to chemicals and high temperatures
- For highest standards.

Recommended for “Rail technology, taped” (ST-BT-H) heat-shrink conduit.

FB-ECO colour ribbon

- Very good print quality for smooth surfaces
- Good scratch resistance
- High resistance to chemicals and high temperatures
- For the highest demands

Recommended for heat-shrink conduit “ECO taped” (ST-ECO) and “ECO continuous” (ST-ECO continuous).

SPECIFICATIONS



Type	Order No.	Colour	Roll width mm	Roll length m	Pack qty.
FB-BT colour ribbon					
FB-BT colour printer ribbon - 40mm x 300 m	86662002	Black	40	300	1
FB-BT colour printer ribbon - 80 mm x 300 m	86662001	Black	80	300	1
FB-ECO colour ribbon					
FB-BT colour printer ribbon - 110 mm x 300m	86662000	Black	110	300	1

FHW - resin/wax colour printer ribbon



PRODUCT INFORMATION

Printing with the FHW resin/wax colour ribbons is done at normal heat. In general, printing with FHW resin-wax ribbons offers a broad field of applications for almost all materials requiring medium to low durability.

The FHW colour ribbons, based on a mix of resin and wax are ideal for printing onto matte synthetic films and laminated

or coated papers, matte polyesters, polypropylene, Polyolefins (heat-shrink conduits), polyethylene, vinyl (PVC) and Polyamide.

Furthermore, smooth and shiny synthetic film surfaces can be printed just like with the FH colour ribbons. But we recommend FH+ or FH++ colour ribbons in this case for higher durability.

SPECIFICATIONS



Type	Order No.	Colour	Roll width mm	Roll length m	Pack qty.
FHW - colour ribbons for thermal transfer printers¹⁾					
FHW 40x300 ¹⁾	86662100	Black	40	300	300
FHW 50x300 ¹⁾	86662101	Black	50	300	300
FHW 60x300 ¹⁾	86662102	Black	60	300	300
FHW 70x300 ¹⁾	86662103	Black	70	300	300
FHW 80x300 ¹⁾	86662104	Black	80	300	300
FHW 90x300 ¹⁾	86662105	Black	90	300	300
FHW 100x300 ¹⁾	86662106	Black	100	300	300
FHW 110x300 ¹⁾	86662107	Black	110	300	300
FHW 110x300 ¹⁾	86662108	Red	110	300	300
FHW 110x300 ¹⁾	86662109	Green	110	300	300
FHW 110x300 ¹⁾	86662110	Reflecting blue	110	300	300
FHW 110x300 ¹⁾	86662111	White	110	300	300
FHW 110x300 ¹⁾	86662112	Almond brown	110	300	300
FHW 110x300 ¹⁾	86662113	Violet	110	300	300
FHW 110x300 ¹⁾	86662114	Matt gold	110	300	300
FHW 110x300 ¹⁾	86662115	Matt silver	110	300	300
FHW 110x300 ¹⁾	86662116	Metallic gold	110	300	300
FHW 110x300 ¹⁾	86662117	Metallic silver	110	300	300

¹⁾Information about packaging unit = roll length (m)

FH - resin colour printer ribbon



PRODUCT INFORMATION

The FH resin-based ribbons are ideal for printing on glossy synthetic films. Printing takes place at high temperatures for optimum durability.

FH series

The most common field of application for FH resin-based ribbons is that of synthetic labels with a need for high durability.

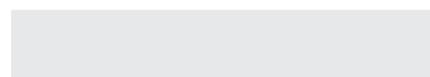
FH+ series

While the FH series already offers good smudge-proof qualities at optimum printing temperature, the FH+ series is smudge- and scratch-proof, and is also resistant to many cleaning agents and oils.

FH++ series

Optimum durability is offered by the FH++ series, which is resistant to exposure of most industrial cleaners and oil vapours.

SPECIFICATIONS



Type	Order No.	Colour	Roll width mm	Roll length m	Pack qty.
FH colour ribbons for thermal transfer printers¹⁾					
FH 40x300 ¹⁾	86662200	Black	40	300	300
FH 50x300 ¹⁾	86662202	Black	50	300	300
FH 60x300 ¹⁾	86662205	Black	60	300	300
FH 70x300 ¹⁾	86662208	Black	70	300	300
FH 80x300 ¹⁾	86662210	Black	80	300	300
FH 90x300 ¹⁾	86662212	Black	90	300	300
FH 110x300 ¹⁾	86662214	Black	110	300	300
FH+ colour ribbons for thermal transfer printers¹⁾					
FH+ 40x300 ¹⁾	86662201	Black	40	300	300
FH+ 50x300 ¹⁾	86662203	Black	50	300	300
FH+ 55x300 ¹⁾	86662204	Black	55	300	300
FH+ 60x300 ¹⁾	86662206	Black	60	300	300
FH+ 70x300 ¹⁾	86662209	Black	70	300	300
FH+ 80x300 ¹⁾	86662211	Black	80	300	300
FH+ 90x300 ¹⁾	86662213	Black	90	300	300
FH+ 110x300 ¹⁾	86662215	Black	110	300	300
FH+ 110x300 ¹⁾	86662217	Signal red	110	300	300
FH+ 110x300 ¹⁾	86662218	Signal green	110	300	300
FH+ 110x300 ¹⁾	86662219	Signal blue	110	300	300
FH+ 110x300 ¹⁾	86662220	Signal white	110	300	300
FH+ 110x300 ¹⁾	86662221	Signal grey	110	300	300
FH+ 110x300 ¹⁾	86662222	Signal orange	110	300	300
FH+ 110x300 ¹⁾	86662223	Signal yellow	110	300	300

FH - resin colour printer ribbon (Continued...)

Type	Order No.	Colour	Roll width mm	Roll length m	Pack qty.
FH+ 110x300 ¹⁾	86662224	Metallic gold	110	300	300
FH+ 110x300 ¹⁾	86662225	Metallic silver	110	300	300
FH++ colour ribbons for thermal transfer printers¹⁾					
FH++ 60x300 ¹⁾	86662207	Black	60	300	300
FH++ 110x300 ¹⁾	86662216	Black	110	300	300

¹⁾ Information about packaging unit = roll length (m)



Software



Accessories

Base plates for labelling systems



GP3



GP3K



GPU A4

PRODUCT INFORMATION

Adaptor to accommodate the various label materials on Murrplastik labelling systems.

Type	Order No.	Pack qty.
Base plates for labels		
GP1	86351210	1
GP3	86351212	1
GP3C	86661050	1
GP3K	86661034	1
GP3M	86661031	1
GP3Q	86661035	1
GP4	86351214	1
GP4E	86351216	1
GP4L	86351217	1
GP5	86351218	1
GP KDE	86661037	1
GRPD/10	86351016	1
GRPD/18	86351018	1
Base plates for Duomatt, Monomatt, Alu, Alumatt and labels		
GPU A3	86621026	1
GPU A4	86621023	1
Replacement mat for base plates GPU A3 and GPU A4		
GPU A3 420x300 adhesive mat	86721022	1
GPU A4 305x205 adhesive mat	86721020	1

The pulsar GPU 140x140 base plate with adhesive properties for mounting the ESK, EST, ALU/K, MM/K and ELF is listed in labelling materials in the labelling system of pulsar M6 / pulsar A6 accessories.

The label plate and exchange plate for the pictor² are listed in the labelling systems section under pictor² / pictor² Black accessories.



Appendix



Selection table combination options labels/base plates

TYPE OF LABEL PLATE	BASE PLATES														SHEET / LABEL MATERIALS		
	GP1 86351210	GP3 86351212	GP3C 86661050	GP3K 86661034	GP3Q 86661035	GP4 86351214	GP4E 86351216	GP4L 86351217	GP5 86351218	GP KDE 86661037	GRPD/10 86351016	GRPD/18 86351018	GPU A3 86621026	GPU A4 86621023	pulsar GPU 140x140 86621029	no base plate required	
ABB																	
ALM																	
ALU																	
ALU/K																	
B&R																	
BEC																	
BS																	
BS 5L																	
BS 6L																	
DM																	
EDG																	
ELF																	
ELF/T																	
ELG																	
ELPT																	
ELW																	
ES																	
ESK																	
ESL																	
EST																	
KAB																	
KAB 17/10																	
KAB 5/5.4-5																	
KBT																	
KDE																	
KDL/E																	
KES																	
KET																	
KLG																	
KMO																	
KMR (> *5*)																	
KMR 5/5-5.1																	
KNC																	
KNQ																	
KPF																	
KPX */10*																	
KPX */15*																	
KPX */5*																	
KPX */7.5*																	
KPX U/5 ZS																	
KS 15/*																	
KS 4/*																	
KS 4/* 4ST																	
KS 5/10																	
KS 75/50																	
KS 95/75																	
KSA																	
KSB																	
KSD																	
KSE */10																	
KSE */18																	
KSF 10/8																	
KSI																	

Continued on the next page

TYPE OF LABEL PLATE	BASE PLATES														SHEET / LABEL MATERIALS			
	GP1 86351210	GP3 86351212	GP3C 86661050	GP3K 86661034	GP3Q 86661035	GP4 86351214	GP4E 86351216	GP4L 86351217	GP5 86351218	GP KDE 86661037	GRPD/10 86351016	GRPD/18 86351018	GPU A3 86621026	GPU A4 86621023	pulsar GPU 140x140 86621029	no base plate required		
KSL																		
KSN																		
KSO / KSK																		
KSO / KSK 70x9																		
KSS																		
KST																		
KSZ																		
KTE																		
KWI																		
MM																		
MM/K																		
SKS																		
TBT																		
TK																		
TS																		
TTE/L																		
WGO																		
WGO 5/5-5																		

Selection table Combination options Devices/Base plates

DEVICES	BASE PLATES														SHEET / LABEL MATERIALS			
	GP1 86351210	GP3 86351212	GP3C 86661050	GP3K 86661034	GP3Q 86661035	GP4 86351214	GP4E 86351216	GP4L 86351217	GP5 86351218	GP KDE 86661037	GRPD/10 86351016	GRPD/18 86351018	GPU A3 86621026	GPU A4 86621023	pulsar GPU 140x140 86621029	pictor ² label plate 86625147		
Plotter and engraving option																		
mp-PM Basic																		
mp-EM opt. Basic																		
mp-PM A3																		
mp-EM opt. A3																		
Engraving																		
MGS 50																		
MGS 60																		
Inkjet printer																		
pictor ²																		
p ³ b																		
Laser devices																		
pulsar M6																		
mp-LM 1,3,10																		



Material descriptions

PMMA Polymethyl methacrylate Co-Polymer

DuoMatt is UV-stable material that has been tested under extreme conditions for resistance to deterioration. It retains its physical properties and its brilliant surface over many years (approx. 10 to 20 years). DuoMatt is halogen-free and silicone-free.

Processing temperature:	-3 °C to 82 °C
Flammability:	Fire classification HB according to UL-94
Water absorption:	0.36 %
Crack resistance:	35 %
Impact strength:	58.5 J/m ²

ABS Acrylonitrile butadiene styrene

The thin surface on DuoMatt Siemens silver SSI and SI brushed facilitates a finer typeface than DuoMatt. But the silvercoloured foil is less hard wearing than standard DuoMatt material.

Processing temperature:	-20 °C to 85 °C
Flammability:	Fire classification HB according to UL-94
Water absorption:	0.36 %
Crack resistance:	30 %
Impact strength:	no break

PC Polycarbonate

Excellent surface gloss and transparency (natural), high mechanical strength and dimensional stability under heat, outstanding electrical and dielectric properties, superb dimensional accuracy and low water absorption. Impact resistance up to approx. 140 °C and, as a general rule, PC is self-extinguishing even without the addition of fire-retardants.

Temperature stability:	to 140 °C
Resistance to deformation:	at 1.8 N/mm 135 °C
Flammability:	V0 according to UL94
Halogen-free	according to DIN/VDE 0472, part 815
UV-stabilised	

PP Polypropylene

Polypropylene demonstrates good mechanical properties. No tendencies toward stress crack corrosion. Surface hardness, tensile strength, temperature stability and long-term stress resilience values are greater than those of Polyethylenes. The material contains no halogens and laser inscription is possible.

Water absorption:	ISO 62	0.04 %
Moisture absorption:	ISO 62	0.01 %
Heat distortion	ISO 75	90 °C
Flammability:	Fire classification HB according to UL94	
Surface resistance:	ASTM D257 Ohm/sq 10(to the 14th power)	

PA Polyamide

Broad range of properties covered by different types (PA 6 and PA6.6 are frequently used). Generally good electrical and mechanical properties with distinctive resistance to impact and abrasion being particularly strong. When dry, PA is sensitive to impact. Water absorption renders PA flexible.

Temperature stability:	up to 140 °C
Fire classification:	V2 according to UL94

PVC Polyvinyl chloride

Soft PVC is made from polyvinyl chloride, softeners and process materials, e.g. stabilisers and lubricants. PVC is resistant to corrosive saline solutions and most acids.

Temperature stability:	up to 60 °C
Fire classification:	V0 according to UL94

TPU Thermoplastic Polyurethane

Outstanding features of this material include its outstanding flexibility, even at very low temperatures, high continuous operating temperature and excellent resistance to tear propagation, as well as very good restoring forces, high resistance to grease, oil, solvents, high-energy radiation and ultraviolet light.

Continuous operation use:	-35 °C to 120 °C
Fire classification:	V0 according to UL94
Halogen-free	according to DIN/VDE 0472, part 815

Material descriptions

Label laser foil (ELF)

PAK Polyacrylate

Available in the colours silver/black and black/white. The foil demonstrates a reliable, permanent adhesive strength for applications on Polyolefine (PE/PP), slightly oily base surfaces and powder coatings. The Polyacrylate foil is halogen-free and very resistant to chemicals, extreme temperatures and other environmental influences.

Temperature-resistant: -40 °C to +300 °C
 Self-extinguishing after 15 seconds in case of fire
 Non-drip. Covers highly contrasting base/primer colours.

Heat-shrink tubes

Type ST-BT

- Halogen-free Polyolefin
- Application: Aviation, railway and marine industries, tunnel construction
- Shrink rate 2:1
- EN 45545-2:2013 R22/R23

Usage temperature: -55 °C to +105 °C
 Tensile strength: 10N/mm²
 Crack resistance: 200 %
 Flammability rating: HB per ASTM D 635

Type ST-ECO

- Application: general labelling
- Shrink rate 3:1
- Flame resistant
- Excellent printing results

Usage temperature: -55 °C to +135 °C
 Water absorption: 0.20 %
 Break resistance: kl. 11N/mm²
 Spec. Volume resistance: 10¹⁶ Ohm/cm
 Flammability rating: UL 224, 125 °C

Self-adhesive sheet labels

Self-adhesive films are tested and approved in conjunction with specific substrates under the UL classification "Polymer Adhesive Systems". For this reason, all self-adhesive films should be tested on the respective substrates instead of merely testing the self-adhesive film alone.

Sheet labels of types	Material	Thermal stability	Fire classification	Adhesive strength
ELG / ELW / ELO / ES / ESL	Polyester film	-40 °C to 150 °C permanent min. processing temperature 5 °C	V0 according to UL94	17 N/10 mm
EDG	Reinforced textile	0 °C to 80 °C		9 N/25 mm

Adhesive 467

- Acrylat A-30
- Fire classifications: MIL-P-19834 B, Amend 1Typ1
UL approved (MH-11410)
complies with AGA and CSA requirements
- Adhesive thickness: 0.05 mm

Adhesive strength: 11 N/10 mm
 Thermal stability: -40 °C to 150 °C permanent
 200 °C transient
 Processing temperature: 18 °C minimum



Material descriptions

Adhesive 468

- Acrylat A-30
- Fire classifications: MIL-P-19834 B, Amend 1Typ1
UL approved (MH-11410)
complies with AGA and CSA requirements
- Suitable for rough and textured surfaces
- RoHS-specified
- Adhesive thickness 0.13 mm

Adhesive strength:	11 N/10 mm
Thermal stability:	-40 °C to 150 °C permanent 200 °C short term
Processing temperature:	18 °C minimum

Adhesive 1780

- Polyethylene foam

Adhesive strength:	10 N/15 mm
Thermal stability:	-40 °C to 150 °C permanent
Processing temperature:	10 °C to 80 °C

Adhesive 1917

- Natural rubber with acrylic-coated fabric
- Weather and water proof
- High adhesive strength

Adhesive power on steel:	3.8 N/cm
Ultimate elongation:	7%
Tear strength:	100 N/cm
Thermal stability:	180 °C (30 min)

Adhesive 4830

- Polyester film with liner
- UL listed
- Interior / exterior application

Thermal stability:	-40 °C to 150 °C
Processing temperature:	10 °C minimum
Shelf life	2 years at 21° C and 50% humidity

Adhesive 4883

- Stable, durable acrylate
- Universal adhesive with high tack
and extreme adhesive power

Adhesive power on glass:	15 N/25mm
Thermal stability:	-40 °C to 150 °C permanent
Processing temperature:	5 °C minimum
Solubility:	soluble

Adhesive 4930

- Polyacrylate mixed with adhesive resin

Thermal stability:	93 °C maximum 149 °C short term
Processing temperature:	10 °C minimum
Solubility:	insoluble

Adhesive 4965

- Polyacrylate mixed with adhesive resin

Thermal stability:	93 °C maximum 149 °C short term
Processing temperature:	10 °C minimum
Solubility:	insoluble

Adhesive 5917

- Natural rubber, heat tempered
- High adhesive power on most substrates
- Quick and easy removal

Adhesive power on steel:	9.5 N/25mm
Storage:	not above 25 °C and 55 % rel. humidity

Adhesive 9088

- Modified acrylate
- High-performance, double-sided adhesive tape
- High holding force on high- and low-energy surfaces (e.g. PE, PP)
- Suitable for rough and textured surfaces
- Developed for strong adhesion

Adhesive strength:	150 (N/100 mm)
Thermal stability:	-4 °C to +93 °C permanent 150 °C short term
Processing temperature:	18 °C minimum
Resistance to solvents:	good

Material properties

Murrplastik Systemtechnik uses high-quality polycarbonate for your label plates, meeting the requirements laid down by UL94 for the top fire classification V0. This offers clear advantages over the polyamides as used by our competitors.

Polycarbonate (PC) is used for any applications requiring a high-quality surface finish with respect to scratch resistance and gloss level. For instance, PC is often used in the automotive sector for headlight lenses and as PC/ABS blends for the interior. By contrast, polyamide (PA) is rarely found in interior fittings, even as a blend. Polyamides are, however, prevalent under the hood, for example, where less significance is attached to the appearance.




For use as a label plate, polyamide has another unfavourable property: ambient water absorption of approx. two percent by weight. This will cause dimensional variations (smaller dimensions at low temperatures and low air humidity, larger dimensions at high temperatures and high air humidity). The absorption of water does not tend to affect the dimensions of the label plates too severely, but it does make an undue impact on the properties of the material. Indeed, if water absorption is low, the material is very brittle and tends to break (e.g. when latching

onto a terminal block). Conversely, if water absorption is high, then it is very soft and it may be difficult to separate plates from each other (tear response).

Polycarbonate provides a clear advantage compared to Polyamide, especially with regard to printability. Since PC is more prone to chemical reaction, it lends itself well to labelling with ink and pigments and also to laser inscription. Whereas PA scarcely reacts to the energy application of laser light, the colour change achieved with PC is outstanding.

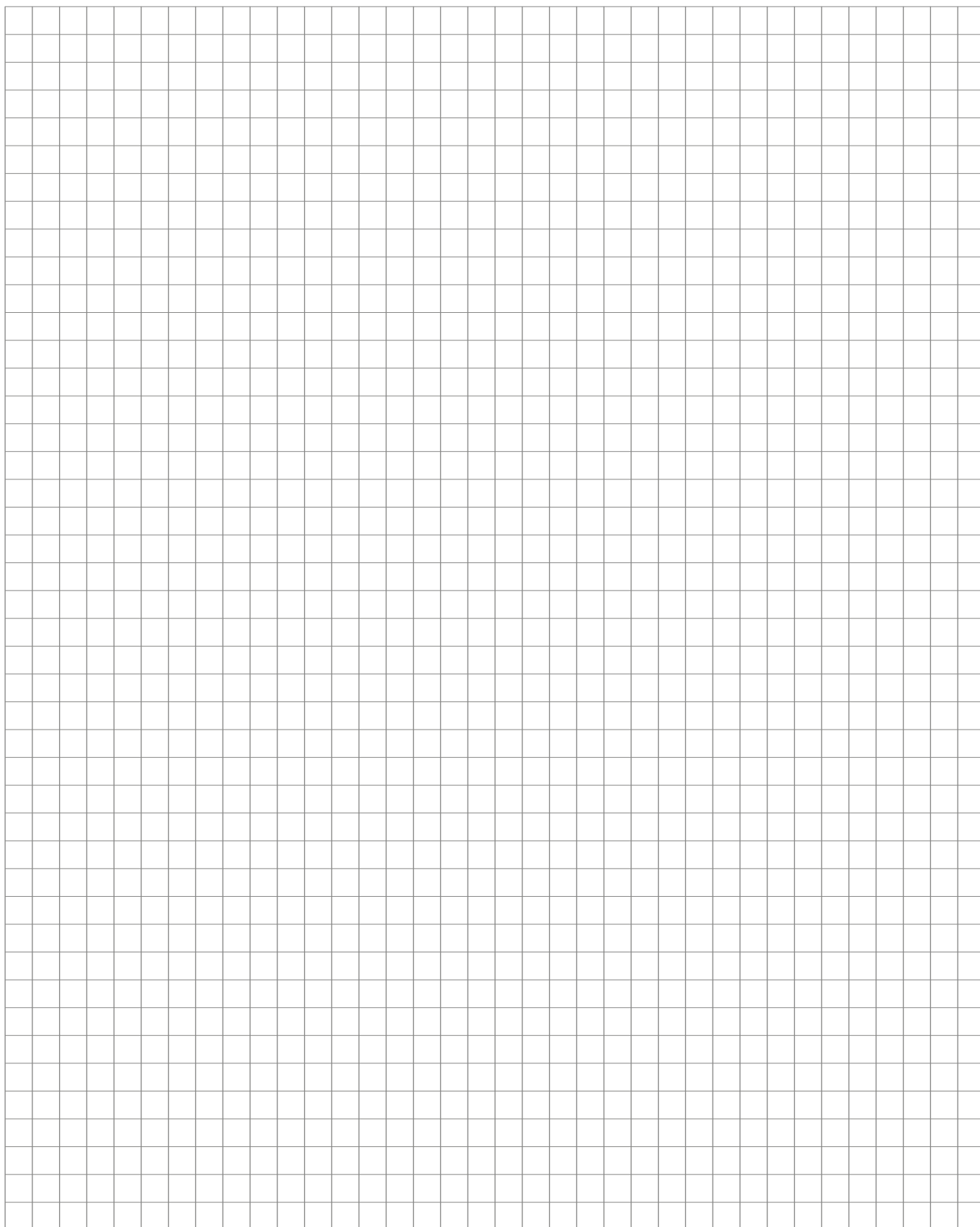
The chemical reactivity of polycarbonate during the inscription process makes inks and pigments very abrasion-resistant. If the resistance to abrasion and water is good in both materials, then the inscription on polyamide wears off significantly, if it comes into contact with oil, petrol or spirit. Polycarbonate, however, is resistant to these substances as well.

Tested material properties and associated test procedures

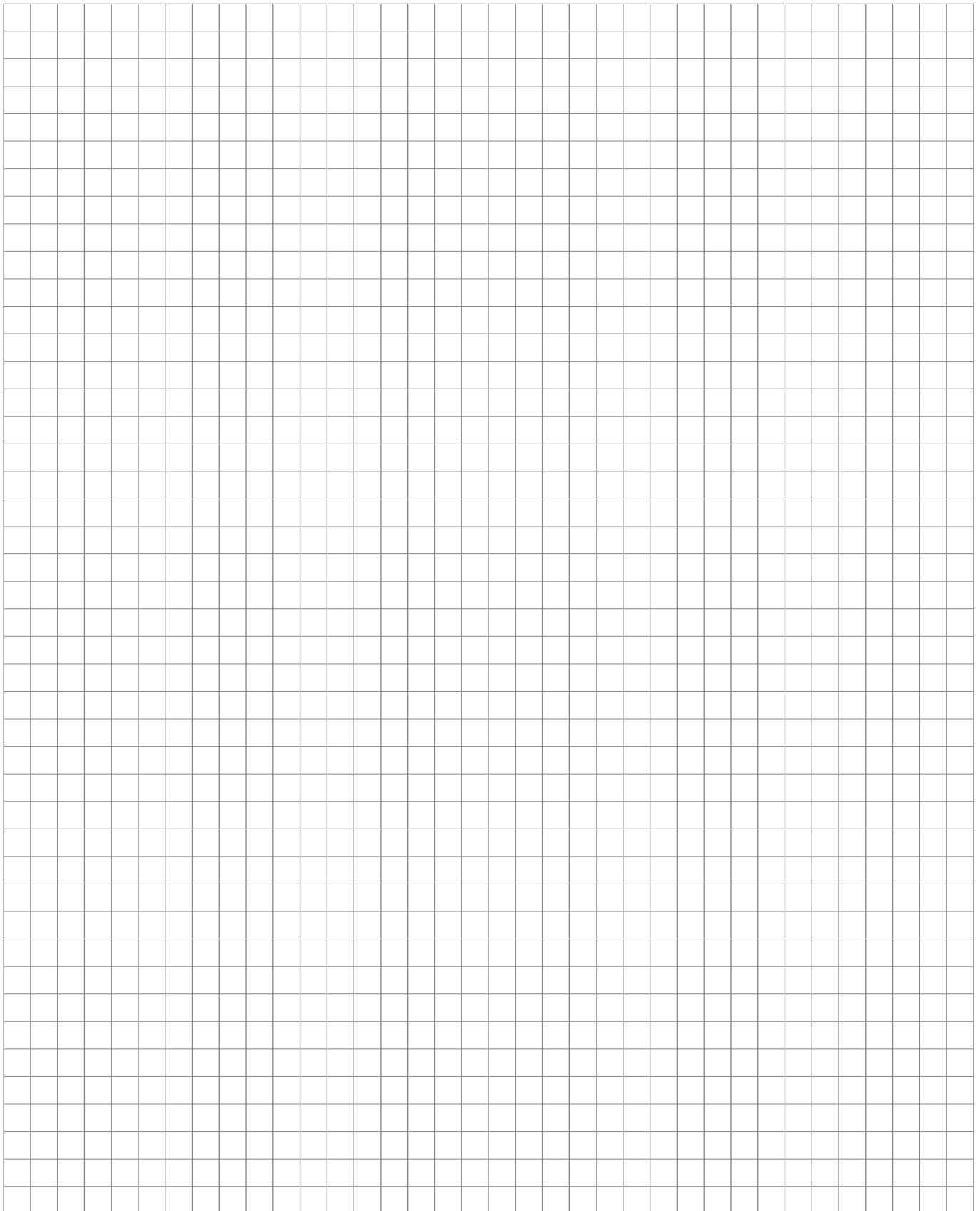
Characteristic	Test procedure
 Flammability	Flammability according to UL94
 Halogen-free rating	The material for the ACS label plates may be described as halogen-free according to DIN/VDE 0472, Section 814. This means a total bromine and chlorine content < 0.2 % and fluorine < 0.1 %.
 UV-resistance	Test in UV light chamber in accordance with Murrplastik in-house standard. Assessment of labelling for clear legibility based on DIN EN ISO-4892-2.
Ageing	Regular testing in climate simulation chamber as per Murrplastik in-house standard
Functional testing	Trial mounting of sleeves at different temperatures. Assessment of fit at maximum and minimum diameters. Handling test on carrier/plate. Test of fit of plate in sleeve.
Hardness testing	Test based on Shore A - ISO 868
Vibration, shock and impact properties	Vibration, shock and impact test conforming to DIN EN 50155 Point 10.2.11 Simulated durability test using increased wide band random vibration as specified by DIN EN 16373 (VDE 0155 Part 103): 1999-11 Point 9.1 Category 1B.
Smear resistance	Tests measuring resistance to wiping off when exposed to machine oil, water, ethyl alcohol and hand perspiration.
Scratch/abrasion resistance	Test determining changes to legibility with different types of inscription (ink / printing / laser) pursuant to Murrplastik in-house standard.
Chemical resistance of the inscription	Test for chemical resistance based on Murrplastik in-house standard.



Notes



Notes





Notes

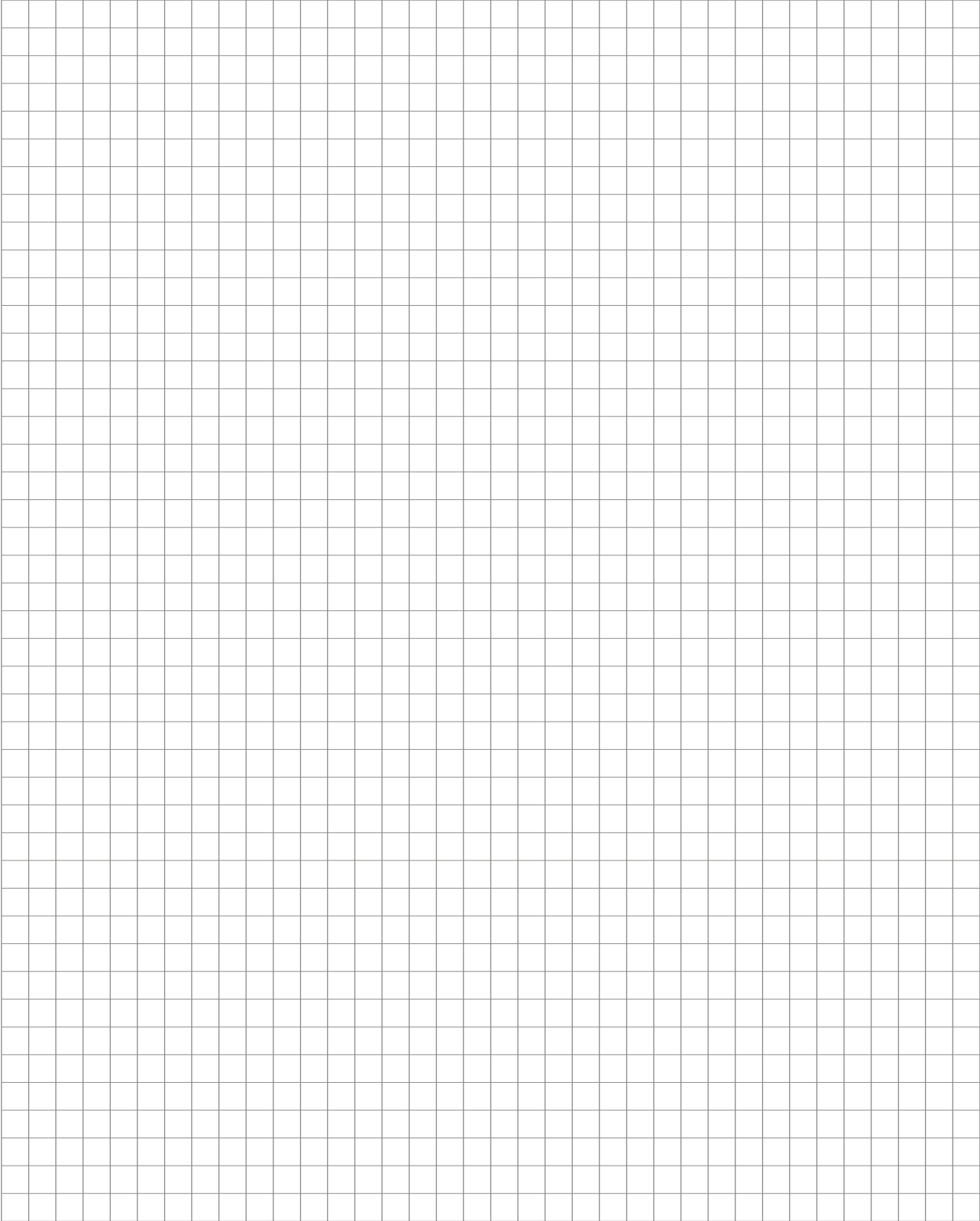




Notes



Notes



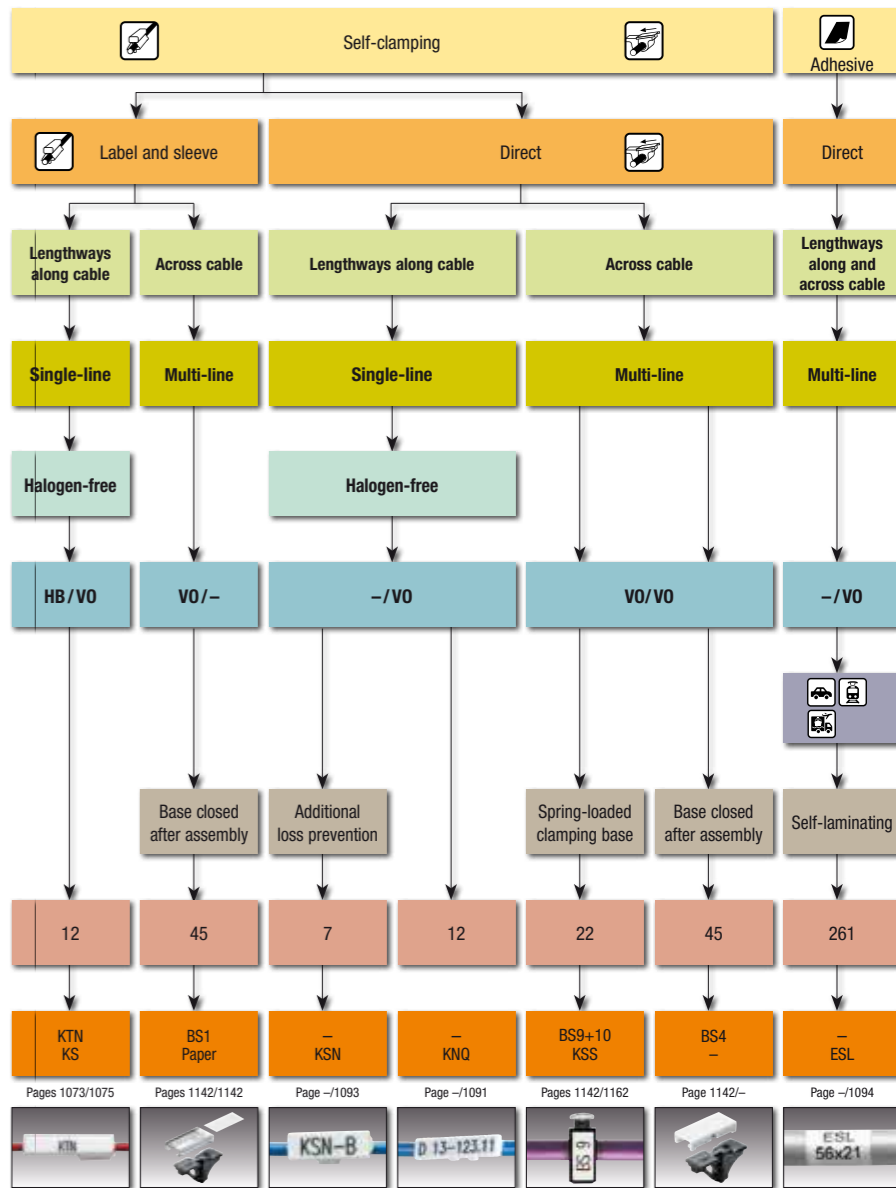
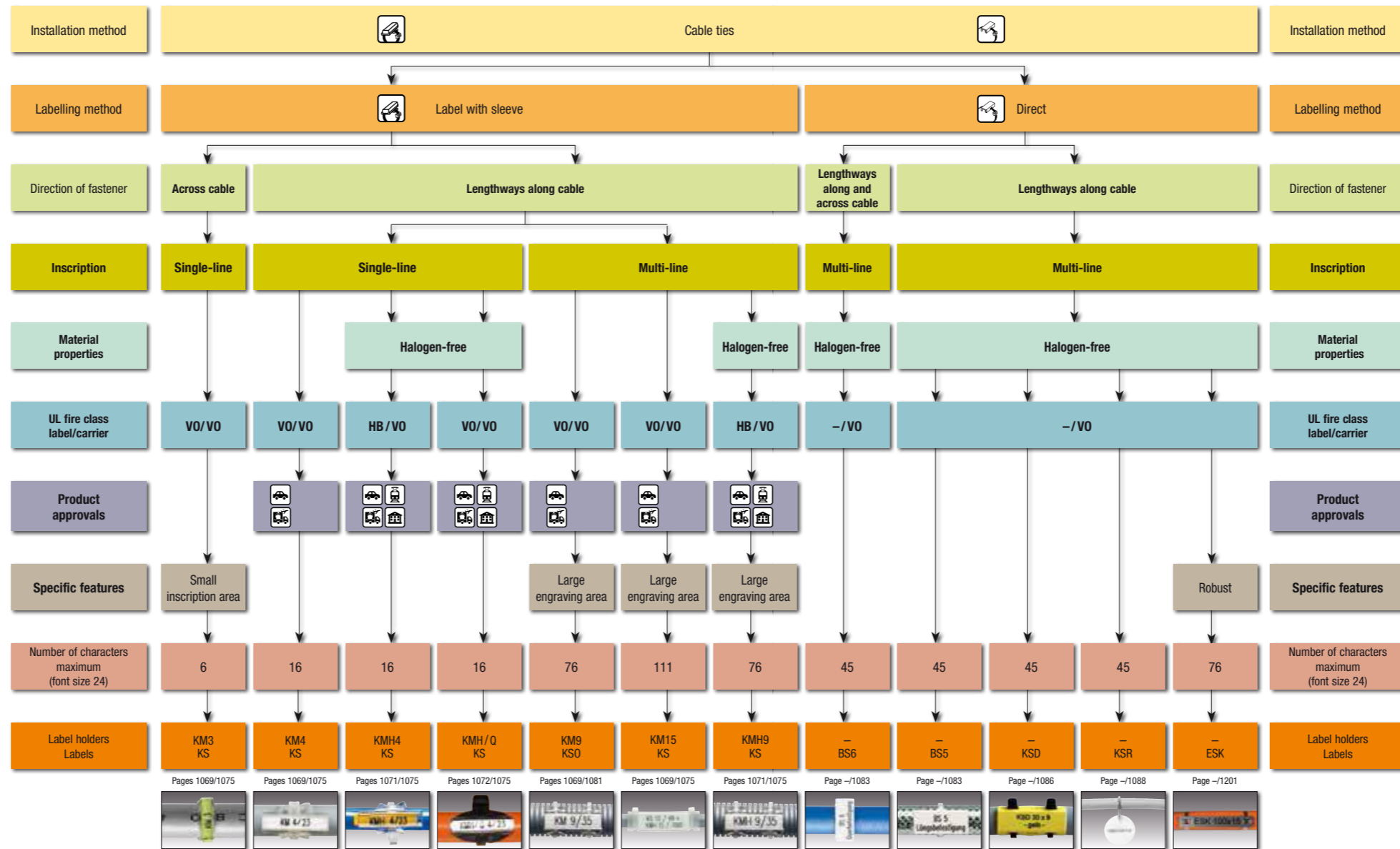
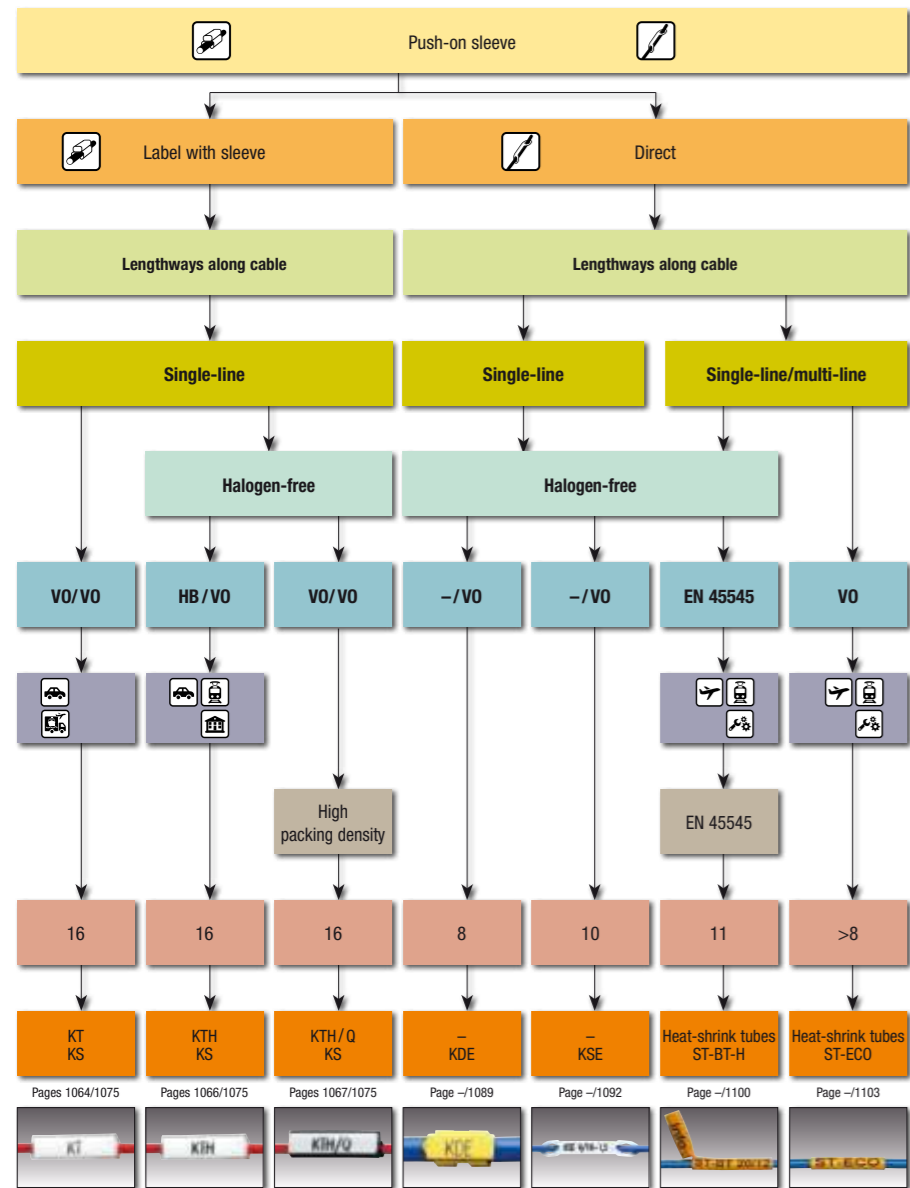


TYPE	PAGE
ABB	1150
AK	1281
ALU/K	1212
Aluminium oxide	1253
ALU-N lubricant	1253
ASI-Snap	1074
B+R	1151
Base plates	1280
BEC	1124
BK23	1109, 1112
BK30	1115, 1118
BMA	1176
BS	1083, 1142
BS-System	1142
BT	1174
BT-SR	1176
BZS	1143, 1144, 1147-1149
BZS T20	1282
BZS/F	1145, 1146
CAB	1125
CAM	1247 – 1253
Cutter	1255
Double-fluted cutter	1256
ECP Premium	1186, 1188
ECP-ECO	1189, 1191
EDG	1171
ELF	1210
ELF/T	1211
ELG	1170
ELO	1168, 1178, 1183
ELPT	1170
ELW	1170, 1178
Engraving option	1240
ESK	1201, 1209
ESL	1094
EST	1200
ETH	1282
FB-BT	1268
FB-ECO	1268
FB-TM	1267
FH	1272
FH+(+)	1272
FHW	1271
GP KDE	1280
GP*	1280
GPU*	1280
Graver	1254
GRPD*	1280
HK	1281
HSD-T2	1107

TYPE	PAGE
Ink	1234
Ink pens	1242
Isolation engraver	1258
KAB	1126, 1152
KB-D	1085, 1087
KCB-ECO	1099
KCE-ECO	1096
KCK-ECO	1138
KCL-ECO	1098
KCM-ECO	1097
KCS-ECO	1169
KCT-ECO	1179
KDE	1089
KES	1153
KET	1127
KLK	1128
KM	1069, 1070
KM 2	1140
KM 20	1140
KM 6	1141
KM T10	1282
KMH	1071
KMH/Q	1072
KMO	1154
KMR	1129
KNC	1090
KNQ	1091
KPF	1155
KPU	1131
KPX	1131
KS	1075, 1078, 1079, 1156, 1183
KS KDL/E	1156
KSA	1157
KSB	1086
KSD	1086
KSD-D	1087
KSE	1092
KSF	1158
KSI	1134
KSK	1159, 1177
KSL	1161
KSM	1084, 1085
KSM-D	1085
KSN	1093
KSO	1081
KSR	1088
KSS	1154, 1162
KST	1182
KSZ	1163
KT	1064

TYPE	PAGE
KTE	1164
KTH	1066
KTH/Q	1067
KTN	1073
KWI	1135
LA	1202
LAM	1205
LM	1208
MGS	1246
MM/K	1216
MonoMatt (MM)	1218
MP2.0	1242
MP4SN	1093
mp-EM-Option	1240
MP-IPC	1242
MPKSN	1093
mp-LM	1222 – 1226
mp-PM A3	1239
mp-PM Basic	1238
mp-TM Accessories	1265
mp-TM EOS1	1262
mp-TM SQUIX 4/M	1263
mp-TM XD4T Twin	1264
MW 1	1093
MW-KNQ	1091
MZ	1281
p3b	1232, 1235
pavonis	1269 – 1270
pictor ²	1235
pulsar	1227 – 1229
Rub-out cutter	1257
S-BTK	1175
S-BTK	1175
Sealing plug KM	1121
Set of tools	1259
S-hook	1283
Single tooth cutter	1256
SKDL/E	1143
SKS	1165
SKS ET 200	1166
Software	1276
ST-BT-H	1100, 1102
ST-ECO	1103, 1105
TA	1174, 1176, 1183
TEA	1192
TEG	1197
TEP	1193
TES	1095
TK	1136
TS	1183
WGO	1137, 1167

Selection table single wire, cable and conduit labelling



Allocation table

