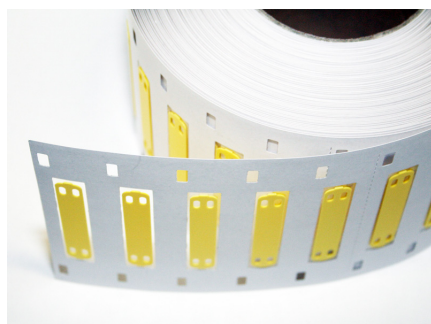




Technical data sheet

CM – PUR Cable Markers



The CM – PUR Cable Markers are made of a thermoplastic polyether-polyurethane material, which is a halogen free, flame retardant, hydrolysis and micro organism resistant material. The raw material fulfills UL94-V0. For identification of cables and wires. The markers are supplied on rolls for thermal transfer print.

Dimensions data

Part	Color	Text area	Material	Unit
CM-060x010-Y	Yellow	60x10 mm.	Polyurethan (PUR)	1000 pr. box
CM-075x015-Y	Yellow	75x15 mm.	Polyurethan (PUR)	1000 pr. box
CM-075x025-Y	Yellow	75x25 mm.	Polyurethan (PUR)	500 pr. box
CM-060x010-W	White	60x10 mm.	Polyurethan (PUR)	1000 pr. box
CM-075x015-W	White	75x15 mm.	Polyurethan (PUR)	1000 pr. box
CM-075x025-W	White	75x25 mm.	Polyurethan (PUR)	500 pr. box

Physical data

Properties	Test Method	Typical value
Hardness	DIN 53505	58 Shore D
Density	DIN 53479	1,27 g/cm ³
Tensile Strength	DIN 53504	30 MPa
Elongation at break	DIN 53504	400%
Stress at 20% elongation	DIN 53504	13 MPa
Stress at 100% elongation	DIN 53504	19 MPa
Stress at 300% elongation	DIN 53504	33 MPa
Tear Strength	DIN 53515	110 N/mm
Abrasion Loss	DIN 53516	30 mm ³
Compression set at room temperature	DIN EN ISO 815	30%
Compression set at 70°C	DIN EN ISO 815	45%
Tensile strength after storage in water at 80°C for 42 days	DIN 53504	20MPa
Elongation at break after storage in water at 80°C for 42 days	DIN 53504	400%
Notched impact strength (Charpy) +23°C	DIN EN ISO 179	50 kJ/m ²

The indicated values are representative values.



Colours

White (PUM04) and yellow (PUM06)

Orange (PUM07), red (PUM05) and black (PUM09) on request

Material

Thermoplastic Polyether-Polyurethane (PUR)

Operating temperature

-25°C up to +80°C.

Specifications

- Adherence: MIL81531 (SAE-AS81531-1998 Clause 3.4.2/4.6.2)

Passed with following black ribbon:

FTI-Y

FTI-X

- Resistance to solvents:

MIL-STD-202G test method 215(2002)

(MIL81531/SAE-AS81531-1998 Clause 3.4.3.)

Passed with following black ribbon:

FTI-Y

FTI-X

Storage

Cool and dry in original packaging

Notes:

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We reserve the right to modify characteristics with the aim of improving the product and adapting it to the requirements of the market.