

Stress Relief-, Anti-Tracking- and Sealing Mastic

Stress Relief Mastic

Product Introduction:

Yellow stress relief mastic is used at the connectors and screen cut on MV cables when installing joints or terminations. Oil resistant, also suitable for paper insulated cables.



Features:

- ◆ Stress relief,
- ◆ Void filling,
- ◆ Oil resistance,
- ◆ High permittivity
- ◆ RoHS compliant

Operating Temperature	-20°C to +90°C
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Standard Color: Yellow.

Technical Data:

	Property	Test Method	Typical Data
Physical	Tensile Strength	ASTM D 638	0.1 Mpa
	Elongation	ASTM D 638	>1000%
	Density	ASTM D 792	1.3g/m ³
Electrical	Dielectric Strength	IEC 250	≥10 kV/mm
	Dielectric Constant	IEC 250	10-15
	Volume Resistivity	ASTM D 527	10 ⁹ --10 ¹² Ω.cm
	50Hz Loss Factor		0.035
Chemical	Adhesive and Self-amalgamation		Good

Dimensions:

Part number	Thickness(mm)	Width(mm)	Length(m)
M1	1.6	25	0.5,1.5, 30

Note: Other cut lengths available on request.

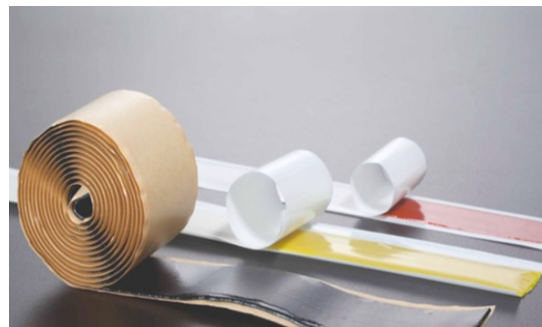
Anti-Tracking Mastic

Product Introduction:

Red anti-tracking mastic is used to seal and insulate lugs in MV terminations, as well as other metal parts in joints and terminations. Ensures a watertight seal.

Features:

- ◆ Anti-tracking
- ◆ Void filling
- ◆ Excellent electrical properties
- ◆ Waterproof
- ◆ RoHS compliant



Operating Temperature	-20°C to +90°C
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Standard Color: Red.

Technical Data:

	Property	Test Method	Typical Data
Physical	Tensile Strength	ASTM D 638	0.1 Mpa
	Elongation	ASTM D 638	>1000%
	Density	ASTM D 792	1.2g/m ³
Electrical	Dielectric Strength	IEC 250	≥15 kV/mm
	Dielectric Constant	IEC 250	3 Max
	Volume Resistivity	ASTM D 527	10 ¹³ Ω.cm
	50Hz Loss Factor		0.035
Chemical	Adhesive and Self-amalgamation		Good

Dimensions:

Part number	Thickness(mm)	Width(mm)	Length(m)
M2	0.8	25	1.5, 50

Note: Other cut lengths available on request.

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Sealing Mastic

Product Introduction:

Black sealing mastic is used in LV power cables as well other low voltage applications, like telecom products. Creates a perfectly watertight seal.

Features:

- ◆ UV resistance
- ◆ Self-amalgamating
- ◆ Excellent electrical properties
- ◆ Watertight seal
- ◆ RoHS compliant



Operating Temperature	-20°C to +90°C
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Standard Color: Black.

Technical Data:

	Property	Test Method	Typical Data
Physical	Tensile Strength	ASTM D 638	0.1 Mpa
	Elongation	ASTM D 638	>1000%
	Density	ASTM D 792	1.2g/m ³
Electrical	Dielectric Strength	IEC 250	≥15 kV/mm
	Dielectric Constant	IEC 250	2-3
	Volume Resistivity	ASTM D 527	10 ¹³ Ω.cm
	50Hz Loss Factor		0.035
Chemical	Adhesive and Self-amalgamation		Good

Dimensions:

Part number	Thickness(mm)	Width(mm)	Length(m)
M3	3.0	38	1.5, 20

Note: Other cut lengths available on request.