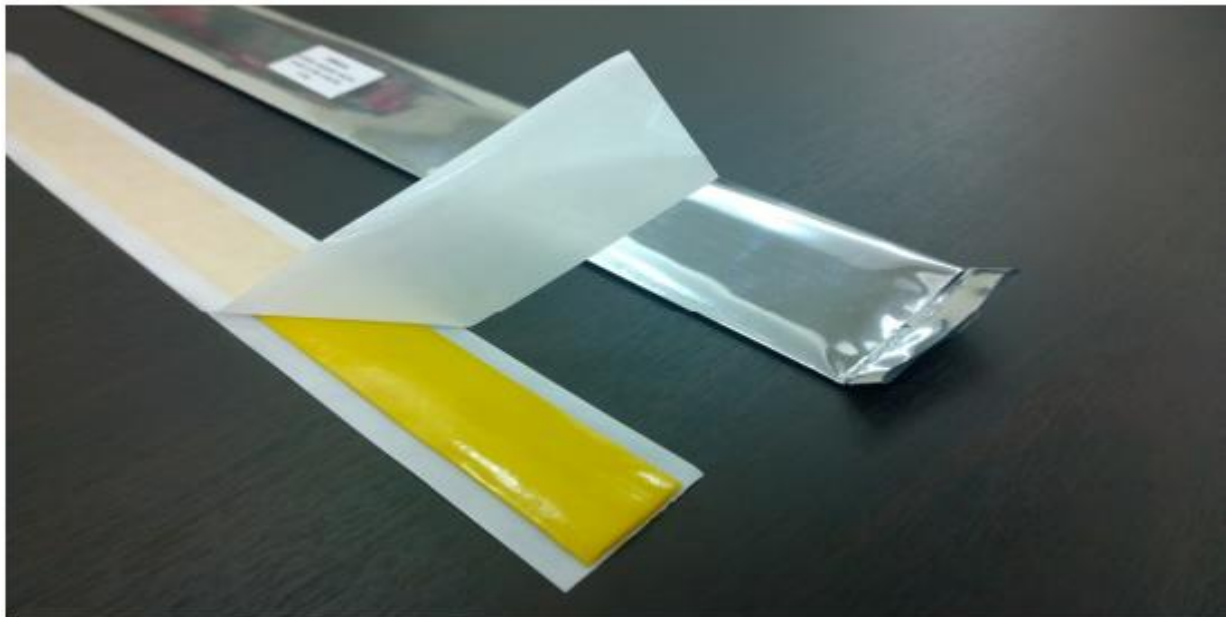




**IKEBANA
ENGINEERING LTD.**

Heat shrinkable cable accessories



Stress Grading Mastic (SGM): Yellow Mastic

Product Features

FOR STRESS RELIEF OF THE ELECTRIC FIELD IN ALL HEAT SHRINK MV CABLE JOINTS AND TERMINATIONS.

Stress grading mastic is provided in MV cable terminations and joints to control the high stresses, which exist at the area where the shield is terminated. The stress control mastic helps to equilibrate the electrical field and reduce the electrical stress considerably. It is self-fusing and can be used for filling voids even for irregular shapes. The color of the stress grading mastic is yellow.

- **HIGH ADHESION:** High adhesion on connectors and cable components.
- **WIDE RANGE OF SERVICE TEMPERATURE:** -20 °C to 100 °C, Overload temperature 120 °C max.
- **ENVIRONMENT RESISTANT:** Resistance to water and humidity.
- **EASY INSTALLATION:** Self-fusing Visco-Elastic Property.



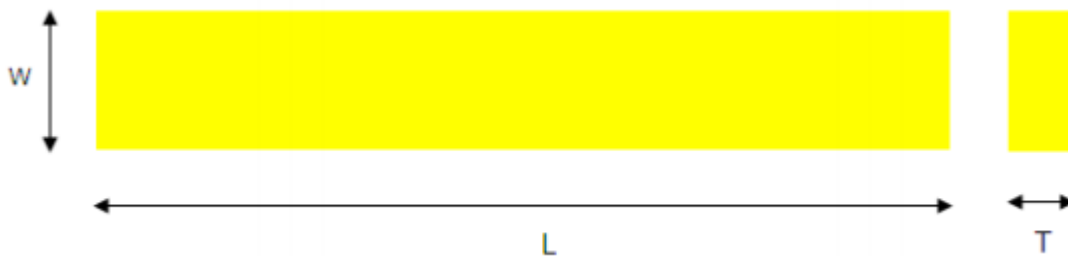
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Properties

	Test Method	Typical Data
Density	ISO 1183	1.30+/-0.05 g/cm ³
Tensile Strength	ASTM D 638	Min. 0.1 MPa
Ultimate Elongation	ASTM D 638	Min. 500%
Volume Resistivity	IEC 60093	Min. 10 ¹⁰ Ohm cm
Dielectric Strength	IEC 60243	≥3 kV/mm
Water Absorption	ISO 62	Max. 0.5%
Permittivity	ASTM D150	Min. 15
Loss Factor Tan δ	ASTM D150	Min. 0.25

Dimensions and Ordering information



DESCRIPTION	WIDTH W	THICKNESS T	STANDARD LENGTH L
SGM500	25.0	2.0	500

ALL DIMENSIONS IN MM

For specific enquiries about other lengths, please contact on the below telephone numbers / e-mail.