



**IKEBANA  
ENGINEERING LTD.**

Heat shrinkable cable accessories



## **Black Insulating Mastic (BMS): Black Mastic**

### **Product Features**

**FOR PREVENTING WATER INGRESS AND FOR CUSHIONING ANY SHARP EDGES ON ARMOUR AND OTHER METALLIC PARTS IN LV AND MV TERMINATIONS AND JOINTS.**

Black insulating mastic is used in LV and MV terminations and joints to protect the heat shrink material by covering the sharp edges of metallic parts. It is also used for filling voids and irregular shapes and acts as an environmental seal to protect ingress of water and other environmental contaminants.

- **EXCELLENT ADHESION:** Excellent adhesion to metals, rubbers, synthetic cable insulations and jackets.
- **TEMPERATURE STABILITY:** Wide temperature stability while maintaining its sealing properties.
- **ENVIRONMENT RESISTANT:** For sealing against dust, soil, water and other environmental conditions.
- **EASY INSTALLATION:** Retains its flexibility at low temperatures resulting in ease of application and continuous performance at reduced temperatures.



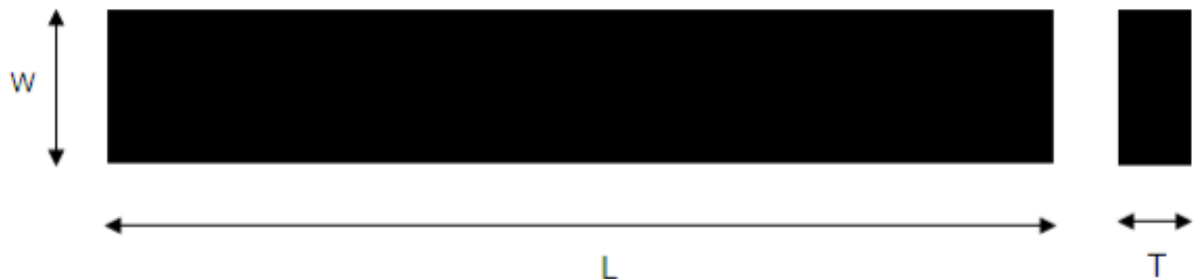
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## Properties

	Test Method	Typical Data
Density	ISO 1183	1.20+/-0.05 g/cm <sup>3</sup>
Tensile Strength	ASTM D 638	Min. 2.0 MPa
Ultimate Elongation	ASTM D 638	Min. 200%
Volume Resistivity	IEC 60093	Min. 10 <sup>14</sup> Ohm cm
Dielectric Strength	IEC 60243	≥13 kV/mm
Water Absorption	ISO 62	Max. 0.5%
Permittivity	ASTM D150	3 - 4
Loss Factor Tan δ	ASTM D150	Max. 0.004

## Dimensions and Ordering information



DESCRIPTION	WIDTH W	THICKNESS T	STANDARD LENGTH L
BMS600	20.0	2.0	600
BMS300	20.0	2.0	300

ALL DIMENSIONS IN MM

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