

FM - 103

2 - PART MOLDING COMPOUND

FM-103 is a two component urethane elastomer that is specifically formulated to rapidly mold impact resistant cable splices. Once cured, FM-103 forms a tough polymer that is ideally suited for flexible, abrasive resistant parts that must perform in wet environments. FM-103 has a low viscosity and is easily mixed and poured.

FEATURES

- Tough and High durometer
- Easy 1/2 mix by weight
- Low viscosity for bag mixing
- Excellent direct adhesion to outer cable jackets

COLORS AVAILABLE

- Black
- Green
- Yellow
- Orange
- Red
- Medium Blue
- Dark Blue



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General Specifications:

MIXING

Component A and component B are supplied in pre-measured plastic mixing bags. To mix, remove the plastic separator clip and hand knead components thoroughly (about 1 minute). Use silicone mold release or Teflon coated molds.

CURING

FM-103 is full cure in 24 hours at 72 F° (22 C°). Colder curing temperatures will lengthen cure times. Warmer temperatures will greatly reduce working and Cure times.

CLEAN UP

For clean-up use methyl ethyl ketone (M.E.K.), acetone or mineral spirits

PROPERTIES

Hardness	90 Shore A Cured	
Tensile Strength	ASTM D 412	2700 PSI
Elongation	ASTM D 412	250 %
Tear Strength	ASTM D 624	320 LB/in.

ELECTRICAL PROPERTIES

Dielectric constant	3.1 @ 1000Hz
Dissipation Factor	0.03 @ 1000Hz
Volume Resistivity	8.7 X 10 ohm-cm



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