

## 3M 8459 Shield Adapter Kit

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

**Material Notes:**

3M Shield Adapter Kits are designed to accommodate the grounding of accessories installed on conventional Tape, Longitudinally Corrugated (LC), Wire and UniShield power cables. The shield Adapter Kit design provides a fault current capacity of 600 amps on 15 through 35 kV class cables. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-8459-Shield-Adapter-Kit.php](http://www.lookpolymers.com/polymer_3M-8459-Shield-Adapter-Kit.php)

Physical Properties	Metric	English	Comments
Moisture Absorption	1.80 %	1.80 %	7 days at 90°C in water

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	9.65 MPa	1400 psi	ASTM D412-75
Elongation at Break	750 %	750 %	ASTM D412-75
300% Modulus	0.00331 GPa	0.480 ksi	ASTM D412-75
Tear Strength	26.3 kN/m	150 pli	Die C; ASTM D624-73

Electrical Properties	Metric	English	Comments
Dielectric Strength	11.1 kV/mm	282 kV/in	7 days in water at 90°C; ASTM D149-75
	14.4 kV/mm @Thickness 1.78 mm	365 kV/in @Thickness 0.0700 in	Original; ASTM D149-75

Descriptive Properties	Value	Comments
Appearance	Black	

## Contact Songhan Plastic Technology Co.,Ltd.

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