

3M 7650-S-HSG Cold Shrink QT-III Silicone Rubber Skirted Termination Kits

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

3M™ Cold Shrink QT-III Silicone Rubber Skirted Termination Kits, 7650-S-HSG and 7660-S-HSG Series, are designed for applications requiring a high-ampacity ground. Each kit contains one-piece, skirted, silicone rubber termination with high-ampacity ground assembly and is qualified as IEEE Standard 48 Class 1 for outdoor weather-exposed applications. The termination assemblies consist of a skirted insulator, high-dielectric constant (High-K) stress control tube, conformable High-K stress controlling compound and built-in environmental top sealing compound. The insulator is made of a dark gray silicone rubber with excellent tracking resistance and hydrophobic properties. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-7650-S-HSG-Cold-Shrink-QT-III-Silicone-Rubber-Skirted-Termination-Kits.php

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	10.3 MPa	1490 psi	High-K Stress Control Tube; ASTM D412
100% Modulus	0.00110 GPa	0.160 ksi	High-K Stress Control Tube; ASTM D412
300% Modulus	0.00345 GPa	0.500 ksi	High-K Stress Control Tube; ASTM D412

Electrical Properties	Metric	English	Comments
Dielectric Constant	22	22	High-K Stress Control Tube, 1000 V, 50% RH; ASTM D150
	@Frequency 60.0 Hz	@Frequency 60.0 Hz	
	25	25	High-K Stress Control Compound, 1000 V, 50% RH, 100 mil; ASTM D150
	@Frequency 60.0 Hz	@Frequency 60.0 Hz	
Dielectric Strength	11.8 kV/mm	300 kV/in	Environmental Sealing Compound; ASTM D149
	@Thickness 1.91 mm	@Thickness 0.0750 in	
Dissipation Factor	0.10	0.10	High-K Stress Control Tube, 1000 V, 50% RH; ASTM D150
	@Frequency 60.0 Hz	@Frequency 60.0 Hz	
	0.90	0.90	High-K Stress Control Compound, 1000 V, 50% RH; ASTM D150
	@Thickness 2.54 mm, Frequency 60.0 Hz	@Thickness 0.100 in, Frequency 60.0 Hz	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China