

3M 8440 Silicone Rubber Cold Shrink Connector Insulators

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

Material Notes:

3M™ Cold Shrink Connector Insulators 8440 Series are open ended, silicone rubber, tubular sleeves. The sleeves are factory expanded and assembled on a removable supporting plastic core. Each rubber assembly is supplied for field installation in this pre-stretched condition. As the core is unwound, the insulating sleeve shrinks to form a tight seal. Three sizes of Cold Shrink Insulators cover terminal lug barrels and three sizes of Cold Shrink Insulators cover inline connectors. Each insulator type, collectively has an application range of 0.35" (8.86 mm) to 0.95" (24.13 mm) for installations on #6 AWG to 3/0 AWG. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-8440-Silicone-Rubber-Cold-Shrink-Connector-Insulators.php

Physical Properties	Metric	English	Comments
Density	1.23 g/cc	0.0444 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	48	48	ASTM D2240-75
Tensile Strength, Ultimate	8.55 MPa	1240 psi	ASTM D412-75
100% Modulus	0.00124 GPa	0.180 ksi	
Tear Strength Test	1.28	1.28	[Mpa], Die B; ASTM D624B-73

Electrical Properties	Metric	English	Comments
Dielectric Strength	21.4 kV/mm	543 kV/in	7 days @ 90°C in water; ASTM D149-75
	21.8 kV/mm @Thickness 1.78 mm	554 kV/in @Thickness 0.0700 in	ASTM D149-75

Descriptive Properties	Value	Comments
Appearance	Gray	

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