

3M QI-10/37-270 Cold Shrink Quick Insulator

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

Material Notes:

3M™ Cold Shrink Quick Insulator QI Series are open-ended tubular rubber sleeves with sealing mastic on each end that are factory expanded and assembled onto a removable core. The core is removed by pulling from one end after the QI insulator has been positioned over an inline connector, allowing the ends of the tube to shrink and form a water-resistant seal. Sizing of the core and tube, along with the sealing mastic on each end, provides a broader application range without degrading the seal and insulating characteristics of the EPDM rubber tube. Three diameter sizes will cover a range of 1000 volt or less cable from 8 AWG through 1250 kcmil, copper and aluminum conductors with crimped connectors. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-QI-1037-270-Cold-Shrink-Quick-Insulator.php

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	25.8 kN/m	147 pli	Die C; ASTM D624C-73

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

Processing Properties	Metric	English	Comments
Moisture Content	1.8 %	1.8 %	7 days @ 90°C in water

Descriptive Properties	Value	Comments
Appearance	Black	

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