

3M SJ-1FB Cold Shrink Foldback Splice Jacket Kits

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

Material Notes:

3M Cold Shrink Foldback Splice Jacket Kits SJ-FB Series are a series of fold back, tubular rubber sleeve that combined with Scotch® Rubber Mastic Tape 2228 provide a sealed jacket over cable splices installed on Jacketed Concentric Neutral (JCN) and other types of jacketed power cable. The Scotch® Rubber Mastic Tape 2228 provides for an assured sealing interface between the cable jacket and Cold Shrink Foldback Jacket Tube, Mastic strips are also used to seal around the optional, external ground conductor. The Cold Shrink Jacket Tube is provided in an expanded state, mounted on two inner supporting cores. As supplied in this pre-stretched conditions, the tube is ready for field installation. The jacketing tube is made from EPDM rubber that contains no chlorides or sulfurs. The completed jacket tube will be continuous from cable jacket to cable jacket, with no seams. Four kit sizes cover an application range from 4AWG, 15kV to sizes larger than 4/0AWG, 35kV. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-SJ-1FB-Cold-Shrink-Foldback-Splice-Jacket-Kits.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	48	48	ASTM D2240-75
Tensile Strength, Ultimate	11.6 MPa	1680 psi	ASTM D412-75
Elongation at Break	635 %	635 %	ASTM D412-75
100% Modulus	0.00117 GPa	0.170 ksi	ASTM D412
300% Modulus	0.00483 GPa	0.700 ksi	ASTM D412-75
Tear Strength	38.5 kN/m	220 pli	Die C; ASTM D624C-73

Electrical Properties	Metric	English	Comments
Dielectric Constant	5.0	5.0	Original
	5.6	5.6	7 days @ 90°C in water
Dielectric Strength	18.3 kV/mm	465 kV/in	7 days @ 90°C in water; ASTM D149-75
	19.3 kV/mm	490 kV/in	Original; ASTM D149-75

Processing Properties	Metric	English	Comments
Moisture Content	1.3 %	1.3 %	24 hr @ 90°C in water
	3.2 %	3.2 %	7 days @ 90°C in water

Descriptive Properties	Value	Comments
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Appearance Descriptive Properties	Black Value	Comments
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