

## 3M SJ-1A Cold Shrink Jacket Kits

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

### Material Notes:

3M™ SJ series Cold Shrink™ Splice Jacket Kits are a series of open ended, tubular, rubber sleeves that combined with Scotch™ 2228 Rubber Mastic Tape provide a sealed jacket over cable splice installed on Jacketed Concentric Neutral (JCN) and other types of jacketed power cable. The Scotch™ 2228 Rubber Mastic Tape provides for an assured sealing interface between the cable jacket and the Cold Shrink™ Jacket tube. It is also used to seal around a cable ground conductor. The Cold Shrink™ Jacket tube is provided in an expanded state, mounted on two inner supporting plastic cores. As supplied in this prestretched condition, the tube is ready for field installation. The jacketing tube is made of EPDM rubber which contains no chlorides or sulfurs. Three kit sizes cover an application range of 0.95" (24 mm) to 4.0" (101.6 mm). Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-SJ-1A-Cold-Shrink-Jacket-Kits.php](http://www.lookpolymers.com/polymer_3M-SJ-1A-Cold-Shrink-Jacket-Kits.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	26.3 kN/m	150 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
	@Thickness 1.78 mm	@Thickness 0.0700 in	

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

Descriptive Properties	Value	Comments
Appearance	Black	

## Contact Songhan Plastic Technology Co.,Ltd.

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