

## 3M RJS--1 3/C Phase Rejacketing System

Category : Other Engineering Material

**Material Notes:**

3M RJS Series Rejacketing Sleeves are dinged so that 3M Cold Shrink QTII and QTIII Silicone Rubber Termination applications can be used on 3/C (three conductor) medium voltage shielded power cables of tape shield, wire shield, armored and non-armored configurations. RJS Rejacketing Assemblies are a series of silicone rubber insulator incorporating an inner expandable polyester braid designed to reduce sliding friction and deliver the insulator onto the cable. Rejacketing sleeves are designed to protect the phase legs (core) of 3/C shielded power cable from exposure to moisture, corrosion, ozone, ultra-violet radiation, physical contact and other hazards that are associated with termination operating environments. Rejacketing sleeves are designed to be used in conjunction with 3M Cold Shrink Breakout Boots and Silicone Rubber Terminations. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-RJS-1-3C-Phase-Rejacketing-System.php](http://www.lookpolymers.com/polymer_3M-RJS-1-3C-Phase-Rejacketing-System.php)

Physical Properties	Metric	English	Comments
Thickness	16.5 microns	0.650 mil	Wall

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	7.295 MPa	1058 psi	ASTM D412
Elongation at Break	910 %	910 %	ASTM D412
50% Modulus	0.000220 GPa	0.0319 ksi	ASTM D412
100% Modulus	0.000310 GPa	0.0450 ksi	ASTM D412
Tear Strength	31.4 kN/m	179 pli	ASTM D624 B

Electrical Properties	Metric	English	Comments
Dielectric Strength	16.9 kV/mm	428 kV/in	
	@Thickness 1.65 mm	@Thickness 0.0650 in	
Track Resistance	21600 sec	21600 sec	ASTM D2303/IEC 587

Descriptive Properties	Value	Comments
Appearance	Dark Gray	

## Contact Songhan Plastic Technology Co.,Ltd.

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