

3M Scotch™ 2234 Cable Jacket Repair Tape

Category : Polymer , Adhesive

Material Notes:

3M™ Scotch™ Cable Jacket Repair Tape 2234 provides a cost effective and efficient means of covering and protecting damaged sections of cable jacket, thereby extending the life of the cable and reducing down time. The outer layer of the tape is composed of vulcanized CSM rubber to provide outstanding chemical and environmental resistance. The inner layer is composed of flame-retardant mastic and acts as a moisture barrier which provides excellent adhesion to a variety of jacket materials. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotch-2234-Cable-Jacket-Repair-Tape.php

Physical Properties	Metric	English	Comments
Water Absorption	0.50 %	0.50 %	ASTM D570
Water Vapor Transmission	0.388 g/m ² /day	0.0250 g/100 in ² /day	ASTM D1249

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55	55	ASTM D2240
Tensile Strength at Break	16.5 MPa	2390 psi	ASTM D412
Elongation at Break	500 %	500 %	ASTM D412
Tear Strength	34.3 kN/m	196 pli	ASTM D624
Peel Strength	0.153 kN/m	0.875 pli	Adhesion to Neoprene; ASTM D1000
	0.93128 kN/m	5.3125 pli	Adhesion to PVC; ASTM D1000
	1.1723 kN/m	6.6875 pli	Adhesion to CSM; ASTM D1000
	1.23 kN/m	7.00 pli	Adhesion to PE; ASTM D1000
	1.75 kN/m	10.0 pli	Adhesion to Steel; ASTM D1000
Taber Abrasion, mg/1000 Cycles	0.050	0.050	[g], H22 wheel, 250 g

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+15 ohm-cm	1.00e+15 ohm-cm	ASTM D257
Dielectric Strength	15.7 kV/mm	400 kV/in	ASTM D149

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