

3M Scotch™ 2200 Vinyl Mastic Pads and Rolls

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

3M™ Scotch™ Brand 2200 Pads and 2210 Rolls are self fusing, rubber based insulating compounds laminated to a flexible, all weather grade vinyl (PVC) backing. These tape rolls and precut pads are designed to insulate, moisture seal and pad all connections up to 600 volts, and have excellent resistance to abrasion, moisture, alkalies, acid, copper corrosion and varying weather conditions (including sunlight). Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotch-2200-Vinyl-Mastic-Pads-and-Rolls.php

Physical Properties	Metric	English	Comments
Water Absorption	0.75 %	0.75 %	ASTM D570
Water Vapor Transmission	3.88 g/m ² /day	0.250 g/100 in ² /day	ASTM D3833
Thickness	178 microns	7.00 mil	Backing; ASTM D1000
	2110 microns	83.0 mil	Mastic-Roll; ASTM D1000
	2290 microns	90.0 mil	Composite-Roll; ASTM D1000
	3000 microns	118 mil	Mastic-Pad; ASTM D1000
	3180 microns	125 mil	Composite-Pad; ASTM D1000

Mechanical Properties	Metric	English	Comments
Elongation at Break	200 %	200 %	ASTM D1000
Peel Strength	2.19 kN/m	12.5 pli	Adhesion to Steel; ASTM D1000
	2.19 kN/m	12.5 pli	Adhesion to Polyethylene; ASTM D1000

Electrical Properties	Metric	English	Comments
Insulation Resistance	>= 1.00e+12 ohm	>= 1.00e+12 ohm	ASTM D1000
Dielectric Strength	11.8 kV/mm	300 kV/in	ASTM D1000

Descriptive Properties	Value	Comments
Appearance	Black	

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