

3M 5421 Polyethylene Tape

Category : Polymer , Tape

Material Notes:

3M™ Polyethylene Tape 5421 has a rubber adhesive which provides an excellent abrasion resistant surface. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-5421-Polyethylene-Tape.php

Physical Properties	Metric	English	Comments
Thickness	88.9 microns	3.50 mil	Liner; ASTM D3752
	127 microns	5.00 mil	Backing; ASTM D3752
	170 microns	6.70 mil	Total without liner; ASTM D3752

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	30.9 MPa	4480 psi	ASTM D3759
Elongation at Break	275 %	275 %	ASTM D3759
Peel Strength	0.2849 kN/m	1.625 pli	Adhesion to Steel; ASTM D3330

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	107 °C	225 °F	
Minimum Service Temperature, Air	-34.0 °C	-29.2 °F	

Descriptive Properties	Value	Comments
Adhesive Type	Rubber	
Appearance	Translucent	

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