

3M 5425 UHMW Polyethylene Tape

Category : Polymer , Tape

Material Notes:

3M™ UHMW Polyethylene Tape 5425 is a film coated with a special acrylic adhesive that is resistant to many solvents. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-5425-UHMW-Polyethylene-Tape.php

Physical Properties	Metric	English	Comments
Thickness	76.2 microns	3.00 mil	Backing; ASTM D3752
	81.3 microns	3.20 mil	Liner; ASTM D3752
	127 microns	5.00 mil	Total without liner; ASTM D3752

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	60.6 MPa	8790 psi	ASTM D3759
Elongation at Break	100 %	100 %	ASTM D3759
Peel Strength	0.3287 kN/m	1.875 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	93.2 °F	

Descriptive Properties	Value	Comments
Adhesive Type	Acrylic	
Appearance	Translucent	
Liner	55# densified kraft	

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