

3M 4496B Double Coated Polyethylene Foam Tape

Category : Polymer , Adhesive

Material Notes:

3M™ Double Coated Polyethylene Foam Tapes 4462W, 4462B, 4466W and 4466B combine a conformable closed cell foam with a rubber adhesive that provides high initial adhesion to a variety of surfaces including polyethylene and polypropylene. 3M™ Double Coated Polyethylene Foam Tapes 4492G, 4492W, 4492B, 4496W and 4496B combine a conformable closed cell foam with a high strength acrylic adhesive that provides good initial tack and offers high ultimate adhesion to a wide variety of surfaces. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-4496B-Double-Coated-Polyethylene-Foam-Tape.php

Physical Properties	Metric	English	Comments
Density	0.0640 g/cc	0.00231 lb/in ³	
Thickness	40.6 microns	1.60 mil	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	0.275 MPa	39.9 psi	Dynamic, 1 in.² (6.45 cm²) overlap Jaw Speed 0.5 in./min (12.7 mm/min.); ASTM D-897
Peel Strength	1.40 kN/m	8.00 pli	90° Angle Peel 12 in./min. Jaw Speed (308 mm/min.) 72 hour Dwell; ASTM D3330

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	70.0 °C	158 °F	Long Term
	82.0 °C	180 °F	Short Term

Descriptive Properties	Value	Comments
Adhesive Type	430	
Liner	Closed Cell Crosslinked Polyethylene Foam	

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