

3M Cushion-Mount™ 1820M Plus Plate Mounting Tape

Category : Polymer , Adhesive

Material Notes:

3M™ Cushion-Mount™ Plus Plate Mounting Tapes are designed for mounting flexographic print plates to cylinders or sleeves. This family of foam mounting tapes provides excellent print quality for process, combination, and solid printing. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Cushion-Mount-1820M-Plus-Plate-Mounting-Tape.php

Physical Properties	Metric	English	Comments
Density	0.510 g/cc	0.0184 lb/in ³	
Thickness	114 microns	4.50 mil	Paper liner
	559 microns	22.0 mil	Tape

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	72	72	ASTM D2240
Compressive Strength	0.241 MPa	35.0 psi	10% Compression, Deflection
	0.414 MPa	60.0 psi	25% Compression, Deflection
Peel Strength	0.60259 kN/m	3.4375 pli	Non-linered side-Stainless Steel, Adhesion; ASTM D3330
	0.657 kN/m	3.75 pli	Non-linered side-Polyester, Adhesion; ASTM D3330
	0.657 kN/m	3.75 pli	Non-linered side-Urethane-B, Adhesion; ASTM D3330
	0.71216 kN/m	4.0625 pli	Non-linered side-Composite Sleeve, Adhesion; ASTM D3330
	0.71216 kN/m	4.0625 pli	Linered side-Photopolymer, Adhesion; ASTM D3330
	0.7669 kN/m	4.375 pli	Non-linered side-Urethane-A, Adhesion; ASTM D3330

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Adhesive Type	Differential Acrylate	
Liner	Polyethylene, Firm Blue Foam	

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