

3M 7120 Performance Paper Label Material

Category : Polymer , Adhesive

Material Notes:

3M™ Label Materials 7120 and 7122 latex impregnated paper with 3M™ 400 and 320 adhesives offer good conformability to curved surfaces and resistance to staining and moisture. Label Material 7120 has excellent adhesion to many textured surfaces and good performance in low temperatures. Label Material 7122 has excellent adhesion to low surface energy plastics. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-7120-Performance-Paper-Label-Material.php

Physical Properties	Metric	English	Comments
Thickness	33.0 microns	1.30 mil	Adhesive
	63.5 microns	2.50 mil	Liner
	88.9 microns	3.50 mil	Facestock

Mechanical Properties	Metric	English	Comments
Peel Strength	0.3287 kN/m	1.875 pli	High Density Polyethylene, 180° Peel, initial 10 min dwell at RT; ASTM D3330
	0.3725 kN/m	2.125 pli	High Density Polyethylene, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.5478 kN/m	3.125 pli	Stainless Steel, 180° Peel, initial 10 min dwell at RT; ASTM D3330
	0.5478 kN/m	3.125 pli	Polypropylene, 180° Peel, initial 10 min dwell at RT; ASTM D3330
	0.5478 kN/m	3.125 pli	Polypropylene, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.58068 kN/m	3.3125 pli	Glass, 180° Peel, initial 10 min dwell at RT; ASTM D3330
	0.745 kN/m	4.25 pli	Glass, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.7669 kN/m	4.375 pli	Stainless Steel, 180° Peel, Conditioned for 3 days at RT; ASTM D3330

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 °C	250 °F	
Minimum Service Temperature, Air	-77.0 °C	-107 °F	
	-12.0 °C	10.4 °F	Application

Processing Properties	Metric	English	Comments
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Adhesive Type	400 high tack acrylic	
Liner	43# densified kraft	

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