

3M 7603 Clear Vinyl Label Material

Category : Polymer , Adhesive

Material Notes:

3M™ Clear Vinyl Label Material 7603 is a soft, flexible vinyl film with excellent durability. This label material utilizes 3M™ High Strength Acrylic Adhesive 300, which has excellent quick tack and also bonds well to a variety of surfaces including LSE plastics. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-7603-Clear-Vinyl-Label-Material.php

Physical Properties	Metric	English	Comments
Thickness	25.4 microns	1.00 mil	Adhesive
	81.3 microns	3.20 mil	Liner
	102 microns	4.00 mil	Facestock

Mechanical Properties	Metric	English	Comments
Peel Strength	0.2410 kN/m	1.375 pli	Glass, 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.3287 kN/m	1.875 pli	HDPE, 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.3287 kN/m	1.875 pli	Rigid Vinyl, 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.33964 kN/m	1.9375 pli	Stainless Steel, 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.33964 kN/m	1.9375 pli	Painted Metal, 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.33964 kN/m	1.9375 pli	ABS, 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.351 kN/m	2.00 pli	Polycarbonate, 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.36156 kN/m	2.0625 pli	Polyester, 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.47112 kN/m	2.6875 pli	HDPE, 180° Peel, Conditioned 3 day dwell at RT; ASTM D3330
	0.51494 kN/m	2.9375 pli	Rigid Vinyl, 180° Peel, Conditioned 3 day dwell at RT; ASTM D3330
	0.6355 kN/m	3.625 pli	Polyester, 180° Peel, Conditioned 3 day dwell at RT; ASTM D3330
	0.6355 kN/m	3.625 pli	Stainless Steel, 180° Peel, Conditioned 3 day dwell at RT; ASTM D3330

Mechanical Properties	Metric	English	Comments
	0.64042 kN/m	3.693 pli	Polycarbonate, 180° Peel, Conditioned 3 day dwell at RT; ASTM D3330
	0.657 kN/m	3.75 pli	Painted Metal, 180° Peel, Conditioned 3 day dwell at RT; ASTM D3330
	0.657 kN/m	3.75 pli	Glass, 180° Peel, Conditioned 3 day dwell at RT; ASTM D3330
	0.8108 kN/m	4.625 pli	ABS, 180° Peel, Conditioned 3 day dwell at RT; ASTM D3330
	0.82172 kN/m	4.6875 pli	Polypropylene, 180° Peel, Conditioned 3 day dwell at RT; ASTM D3330
	101 kN/m	576 pli	Polypropylene, 180° Peel, Initial, 10 min dwell at RT; ASTM D3330

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	60.0 °C	140 °F	Service
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	Service
	10.0 °C	50.0 °F	Application

Processing Properties	Metric	English	Comments
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Adhesive Type	#300 Acrylic	
Liner	43# Densified Kraft	

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