

3M 7600 Removable Vinyl Label Material

Category : Polymer , Adhesive

Material Notes:

3M™ Removable Vinyl Label Material 7600 is a conformable white vinyl stock that utilizes 3M™ Adhesive 500 which offers clean removability on most surfaces for up to one year, as well as, excellent plasticizer resistance. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-7600-Removable-Vinyl-Label-Material.php

Physical Properties	Metric	English	Comments
Thickness	25.4 microns	1.00 mil	Adhesive
	63.5 microns	2.50 mil	Liner
	88.9 microns	3.50 mil	Facestock

Mechanical Properties	Metric	English	Comments
Peel Strength	0.09861 kN/m	0.5625 pli	LD Polyethylene, 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.110 kN/m	0.625 pli	HD Polyethylene, 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.110 kN/m	0.625 pli	LD Polyethylene, 90° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.1205 kN/m	0.6875 pli	LD Polyethylene, 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.131 kN/m	0.750 pli	HD Polyethylene, 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.131 kN/m	0.750 pli	Polycarbonate 90° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.1424 kN/m	0.8125 pli	HD Polyethylene, 90° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.1424 kN/m	0.8125 pli	LD Polyethylene, 90° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.153 kN/m	0.875 pli	LD Polyethylene, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.153 kN/m	0.875 pli	Polypropylene, 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.1643 kN/m	0.9375 pli	Polypropylene, 90° Peel, Initial, 10 min dwell at RT; ASTM D3330
			HD Polyethylene, 90° Peel,

Mechanical Properties	0.18626 kN/m Metric	1.0625 pli English	Conditioned for 3 days at 49°C; ASTM D3330 Comments
	0.18626 kN/m	1.0625 pli	LD Polyethylene, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.18626 kN/m	1.0625 pli	HD Polyethylene, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.1972 kN/m	1.125 pli	LD Polyethylene, 180° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.1972 kN/m	1.125 pli	LD Polyethylene, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.20817 kN/m	1.1875 pli	Polycarbonate 180° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.23008 kN/m	1.3125 pli	HD Polyethylene, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.25199 kN/m	1.4375 pli	Polypropylene, 90° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.263 kN/m	1.50 pli	Glass, 90° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.263 kN/m	1.50 pli	Polypropylene, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.2849 kN/m	1.625 pli	Stainless Steel, 90° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.2849 kN/m	1.625 pli	Polypropylene, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.29582 kN/m	1.6875 pli	Polypropylene, 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.31773 kN/m	1.8125 pli	HD Polyethylene, 180° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.31773 kN/m	1.8125 pli	HD Polyethylene, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.33964 kN/m	1.9375 pli	Glass, 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.33964 kN/m	1.9375 pli	Stainless Steel, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.351 kN/m	2.00 pli	Stainless Steel, 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.38347 kN/m	2.1875 pli	Polycarbonate 90° Peel, Initial, 10 min dwell at RT; ASTM D3330

Mechanical Properties	Metric	English	Comments
	0.39347 kN/m	2.1675 pli	Glass, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.40538 kN/m	2.3125 pli	Glass, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.4163 kN/m	2.375 pli	Polypropylene, 180° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.42729 kN/m	2.4375 pli	Polypropylene, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.44921 kN/m	2.5625 pli	Stainless Steel, 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.44921 kN/m	2.5625 pli	Glass, 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.47112 kN/m	2.6875 pli	Glass, 90° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.5040 kN/m	2.875 pli	Polycarbonate 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.5040 kN/m	2.875 pli	Stainless Steel, 90° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.51494 kN/m	2.9375 pli	Glass, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.570 kN/m	3.25 pli	Polycarbonate 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.570 kN/m	3.25 pli	Stainless Steel, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.6355 kN/m	3.625 pli	Stainless Steel, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.64642 kN/m	3.6875 pli	Polycarbonate 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.657 kN/m	3.75 pli	Glass, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.745 kN/m	4.25 pli	Polycarbonate 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.789 kN/m	4.50 pli	Stainless Steel, 180° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.8108 kN/m	4.625 pli	Glass, 180° Peel, Conditioned for 3 days at 49°C; ASTM D3330

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	79.0 °C	174 °F	Service

Thermal Properties	Metric	English	Comments
Minimum Service Temperature, Air	10.0 °C	50.0 °F	Application

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Adhesive Type	500 Acrylic	
Liner	43# Densified Kraft Liner	

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