

## 3M 7883HL Computer-Imprintable Polyester Label Material

Category : Polymer , Adhesive

**Material Notes:**

Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-7883HL-Computer-Imprintable-Polyester-Label-Material.php](http://www.lookpolymers.com/polymer_3M-7883HL-Computer-Imprintable-Polyester-Label-Material.php)

Physical Properties	Metric	English	Comments
Thickness	20.3 microns	0.800 mil	Adhesive
	83.8 microns	3.30 mil	Facestock
	117 microns	4.60 mil	Liner

Mechanical Properties	Metric	English	Comments
Peel Strength	0.09861 kN/m	0.5625 pli	LD Polyethylene, 180° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.110 kN/m	0.625 pli	LD Polyethylene, 90° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.18626 kN/m	1.0625 pli	Polycarbonate 90° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.27391 kN/m	1.5625 pli	LD Polyethylene, 90° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.307 kN/m	1.75 pli	HD Polyethylene, 90° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.307 kN/m	1.75 pli	HD Polyethylene, 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.31773 kN/m	1.8125 pli	HD Polyethylene, 90° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.3287 kN/m	1.875 pli	Polycarbonate 180° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.3287 kN/m	1.875 pli	LD Polyethylene, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.351 kN/m	2.00 pli	LD Polyethylene, 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.351 kN/m	2.00 pli	HD Polyethylene, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
			LD Polyethylene, 90° Peel,

Mechanical Properties	0.3725 kN/m Metric	2.125 pli English	Conditioned for 3 days at RT; ASTM D3330
	0.38347 kN/m	2.1875 pli	HD Polyethylene, 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.394 kN/m	2.25 pli	LD Polyethylene, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.394 kN/m	2.25 pli	Polycarbonate 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.4163 kN/m	2.375 pli	Polypropylene, 90° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.4163 kN/m	2.375 pli	Polypropylene, 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.438 kN/m	2.50 pli	HD Polyethylene, 180° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.438 kN/m	2.50 pli	HD Polyethylene, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.4602 kN/m	2.625 pli	Stainless Steel, 90° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.4602 kN/m	2.625 pli	Glass, 90° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.4602 kN/m	2.625 pli	LD Polyethylene, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.4602 kN/m	2.625 pli	Polypropylene, 90° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.482 kN/m	2.75 pli	Polycarbonate 90° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.482 kN/m	2.75 pli	Polypropylene, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.482 kN/m	2.75 pli	Glass, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.49303 kN/m	2.8125 pli	HD Polyethylene, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.5040 kN/m	2.875 pli	Stainless Steel, 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.5040 kN/m	2.875 pli	Polycarbonate 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.526 kN/m	3.00 pli	Glass, 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.5478 kN/m	3.125 pli	Stainless Steel, 90° Peel, Conditioned

Mechanical Properties	Metric	English	Comments
	0.5478 kN/m	3.125 pli	for 3 days at 49°C; ASTM D3330 Glass, 90° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.58068 kN/m	3.3125 pli	Polypropylene, 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.58068 kN/m	3.3125 pli	Stainless Steel, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.5916 kN/m	3.375 pli	Polypropylene, 180° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.60259 kN/m	3.4375 pli	Polycarbonate 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.614 kN/m	3.50 pli	Stainless Steel, 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.614 kN/m	3.50 pli	Polypropylene, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.64642 kN/m	3.6875 pli	Polycarbonate 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.657 kN/m	3.75 pli	Glass, 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.66833 kN/m	3.8125 pli	Polycarbonate 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.7231 kN/m	4.125 pli	Polypropylene, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.73407 kN/m	4.1875 pli	Glass, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.73407 kN/m	4.1875 pli	Stainless Steel, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.745 kN/m	4.25 pli	Stainless Steel, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.7669 kN/m	4.375 pli	Stainless Steel, 180° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.7669 kN/m	4.375 pli	Glass, 180° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.77789 kN/m	4.4375 pli	Glass, 180° Peel, Conditioned for 3 days at RT; ASTM D3330

Processing Properties	Metric	English	Comments
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Adhesive Carrier	78# Densified kraft	
Adhesive Type	#300 Acrylic	

## Contact Songhan Plastic Technology Co.,Ltd.

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