

3M 7742 Polyester Overlaminating Film

Category : Polymer , Adhesive

Material Notes:

3M™ Polyester Overlaminating Films utilize a clear or matte polyester film that is recommended for optimum durability and outdoor UV exposure. 3M™ Adhesive 400 offers excellent low temperature performance and long term aging for resistance to yellowing in outdoor applications. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-7742-Polyester-Overlaminating-Film.php

Physical Properties	Metric	English	Comments
Thickness	20.3 microns	0.800 mil	Adhesive
	25.4 microns	1.00 mil	Facestock
	63.5 microns	2.50 mil	Liner

Mechanical Properties	Metric	English	Comments
Peel Strength	0.263 kN/m	1.50 pli	Stainless Steel, 180° Peel, Initial 10 min dwell at RT; ASTM D3330
	0.263 kN/m	1.50 pli	Polyester, 180° Peel, Initial 10 min dwell at RT; ASTM D3330
	0.3725 kN/m	2.125 pli	Polyester, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.438 kN/m	2.50 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	Service
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	Service
	-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 Acrylic	
Liner	43# Densified Kraft	

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