

## 3M FM045 Clear Polyester Label Product

Category : Polymer , Adhesive

### Material Notes:

3M™ Clear Polyester Label Products are durable high performance materials that offer excellent thermal stability and moisture resistance. These products are suitable for demanding applications such as nameplates and product ID labels. These polyester labels utilize 3M™ Adhesive P1212, which is a high clarity general purpose acrylic emulsion for use on overlamination and decorative films and exhibits good initial tack, excellent die cutting properties, minimal cold flow, and good UV resistance. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-FM045-Clear-Polyester-Label-Product.php](http://www.lookpolymers.com/polymer_3M-FM045-Clear-Polyester-Label-Product.php)

Physical Properties	Metric	English	Comments
Thickness	50.8 microns	2.00 mil	Facestock
	178 microns	7.00 mil	Liner

Mechanical Properties	Metric	English	Comments
Peel Strength	0.614 kN/m	3.50 pli	180° Peel, 12"/min., 1" wide sample; TLMI Method

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	49.0 °C	120 °F	Application
	125 °C	257 °F	Service
Minimum Service Temperature, Air	-29.0 °C	-20.2 °F	Service
	5.00 °C	41.0 °F	Application

Processing Properties	Metric	English	Comments
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Adhesive Type	P1212 Perm 18	
Appearance	90# Polycrtd.	

## Contact Songhan Plastic Technology Co.,Ltd.

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