

## 3M 9018FL Screen Printable Sheet Polyester Label Material

Category : Polymer , Adhesive

### Material Notes:

3M™ Screen Printable Sheet Polyester Label Materials 9017FL and 9018FL are durable, high performance materials that offer excellent thermal stability, moisture resistance and chemical resistance. These materials utilize 3M™ Adhesive 200MP, a solvent free acrylic adhesive, which is designed for exceptional environmental resistance and enhanced bond strength. The thick adhesive caliper is ideal for application to a variety of rough or textured surfaces. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-9018FL-Screen-Printable-Sheet-Polyester-Label-Material.php](http://www.lookpolymers.com/polymer_3M-9018FL-Screen-Printable-Sheet-Polyester-Label-Material.php)

Physical Properties	Metric	English	Comments
Thickness	50.8 microns	2.00 mil	Facestock
	102 microns	4.00 mil	Liner
	127 microns	5.00 mil	Adhesive

Mechanical Properties	Metric	English	Comments
Peel Strength	0.570 kN/m	3.25 pli	ABS, 90° Peel, Initial, 20 min dwell at RT; ASTM D3330
	0.6355 kN/m	3.625 pli	ABS, 90° Peel, Ultimate Bond; ASTM D3330
	0.64642 kN/m	3.6875 pli	Stainless Steel, 90° Peel, Initial, 20 min dwell at RT; ASTM D3330
	0.66833 kN/m	3.8125 pli	ABS, 90° Peel, 72 hr dwell; ASTM D3330
	1.1942 kN/m	6.8125 pli	Stainless Steel, 90° Peel, 72 hr dwell; ASTM D3330
	1.9502 kN/m	11.125 pli	Stainless Steel, 90° Peel, Ultimate Bond; ASTM D3330

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	149 °C	300 °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	200MP Acrylic	
Liner	Clear Polyester Liner	

## Contact Songhan Plastic Technology Co.,Ltd.

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