

## 3M 7995MP Hi-Performance Acrylic 200MP

Category : Polymer , Adhesive

**Material Notes:**

This adhesive meets the requirements of most long-term applications. It offers temperature resistance to 400°F (204°C). Peel adhesion values are excellent on most membrane switch substrate materials. It features exceptional shear strength and adhesion to high surface energy (HSE) plastics and metal surfaces. Single side spacers aid in the construction of membrane switch circuitry, i.e. to protect leads, hold domes in place, or build spacers. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-7995MP-Hi-Performance-Acrylic-200MP.php](http://www.lookpolymers.com/polymer_3M-7995MP-Hi-Performance-Acrylic-200MP.php)

Physical Properties	Metric	English	Comments
Thickness	50.8 microns	2.00 mil	Adhesive
	76.2 microns	3.00 mil	Polyester

Mechanical Properties	Metric	English	Comments
Peel Strength	0.153 kN/m	0.875 pli	90° Peel, PET/Polycarbonate, 72 hrs at 70°C; ASTM D3330
	0.36156 kN/m	2.0625 pli	90° Peel, PET/Stainless Steel, Initial (20 mins); ASTM D3330
	0.4602 kN/m	2.625 pli	90° Peel, PET/Polycarbonate, Initial (20 mins); ASTM D3330
	0.482 kN/m	2.75 pli	90° Peel, PET/PET, Initial (20 mins); ASTM D3330
	0.526 kN/m	3.00 pli	90° Peel, PET/Aluminum, Initial (20 mins); ASTM D3330
	0.69024 kN/m	3.9375 pli	90° Peel, PET/PET, 72 hrs at RT; ASTM D3330
	0.701 kN/m	4.00 pli	90° Peel, PET/Polycarbonate, 72 hrs at RT; ASTM D3330
	0.79981 kN/m	4.5625 pli	90° Peel, PET/Stainless Steel, 72 hrs at RT; ASTM D3330
	0.920 kN/m	5.25 pli	90° Peel, PET/Aluminum, 72 hrs at RT; ASTM D3330
	1.62 kN/m	9.25 pli	90° Peel, PET/Stainless Steel, 72 hrs at 70°C; ASTM D3330
	2.0379 kN/m	11.625 pli	90° Peel, PET/Aluminum, 72 hrs at 70°C; ASTM D3330
	2.136 kN/m	12.19 pli	90° Peel, PET/PET, 72 hrs at 70°C; ASTM D3330

Thermal Properties	Metric	English	Comments
CTE, linear	3.90 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	2.17 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	ASTM D696
	@Temperature 27.0 - 175 $^\circ\text{C}$	@Temperature 80.6 - 347 $^\circ\text{F}$	

Electrical Properties	Metric	English	Comments
Volume Resistivity	3.30e+15 ohm-cm	3.30e+15 ohm-cm	ASTM D257
Surface Resistance	$\geq 5.60\text{e}+16$ ohm	$\geq 5.60\text{e}+16$ ohm	ASTM D257
Insulation Resistance	9.40e+12 ohm	9.40e+12 ohm	100VDC, 60 sec; Mil-I-46058C
Dielectric Constant	3.03	3.03	ASTM D150
Dielectric Strength	66.9 kV/mm	1700 kV/in	ASTM D149
Dissipation Factor	0.0090	0.0090	ASTM D150

Descriptive Properties	Value	Comments
Adhesive Type	200MP	
Liner	94# PCK 7.0	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China