

## 3M 1080 Vinyl Film

Category : Polymer , Film

**Material Notes:**

Dual cast vinyl film in an array of colors; Five distinctive-looking finishes-matte, satin, gloss, carbon fiber and brushed metal; Use the film right out-of-the-box without graphic protection; Pressure-activated adhesive for easy sliding, tacking, snap up and repositioning; Non-visible, air release channels for fast, easy, bubble-free installations; Available in 60 inch rolls – allowing almost any section of the vehicle to be wrapped without seams; Removable with heat and/or chemicals Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-1080-Vinyl-Film.php](http://www.lookpolymers.com/polymer_3M-1080-Vinyl-Film.php)

Physical Properties	Metric	English	Comments
Thickness	88.9 microns	3.50 mil	without adhesive
	114 microns	4.50 mil	with adhesive

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	9.85 MPa	1430 psi	
Peel Strength	0.526 - 0.701 kN/m	3.00 - 4.00 pli	Adhesion to Acrylic enamel
	0.526 - 0.877 kN/m	3.00 - 5.00 pli	Adhesion to Automotive clear coats (OEM)
	0.701 - 0.877 kN/m	4.00 - 5.00 pli	Adhesion to ABS

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	32.0 °C	89.6 °F	
Minimum Service Temperature, Air	16.0 °C	60.8 °F	

Descriptive Properties	Value	Comments
Appearance	Black	

## Contact Songhan Plastic Technology Co.,Ltd.

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