

## 3M Scotchcal™ 8000-12 Graphic Film

Category : Polymer , Film

**Material Notes:**

This 2-mil, screen printable film with a pressure sensitive adhesive that can be used on flat and simple curved surfaces. This film withstands severe weather and handling conditions encountered by commercial and industrial graphics, providing outstanding long-term durability for fleet, sign and railroad graphics. It is available in several colors with a paper or layflat liner. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Scotchcal-8000-12-Graphic-Film.php](http://www.lookpolymers.com/polymer_3M-Scotchcal-8000-12-Graphic-Film.php)

Physical Properties	Metric	English	Comments
Thickness	50.8 microns	2.00 mil	without adhesive
	76.2 - 102 microns	3.00 - 4.00 mil	with adhesive

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	>= 17.2 MPa	>= 2490 psi	
Peel Strength	0.701 kN/m	4.00 pli	Adhesion to ABS
	0.701 kN/m	4.00 pli	Adhesion to Acrylic enamel
	0.701 kN/m	4.00 pli	Adhesion to Fruehauf pre-painted panel
	0.877 kN/m	5.00 pli	Adhesion to Chrome
	1.05 kN/m	6.00 pli	Adhesion to Aluminum, anodized
	1.05 kN/m	6.00 pli	Adhesion to Aluminum, etched

Thermal Properties	Metric	English	Comments
Minimum Service Temperature, Air	4.00 °C	39.2 °F	

Descriptive Properties	Value	Comments
Appearance	Black	

## Contact Songhan Plastic Technology Co.,Ltd.

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