

## 3M Scotchcal™ ElectroCut™ 7725-186 Graphic Film

Category : Polymer , Film

### Material Notes:

2-mil cast vinyl in 61 colors; Pressure-sensitive, permanent adhesive; Same color on both sides; Transparent synthetic liner resists moisture absorption and static build up; Lays flat for easier assembly of multi-color graphics; Superior cutting as small as 0.25 in (0.64 cm) and weeding; Ideal for prespaced and electronically cut, screen printed or used in narrow width thermal transfer printing systems. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Scotchcal-ElectroCut-7725-186-Graphic-Film.php](http://www.lookpolymers.com/polymer_3M-Scotchcal-ElectroCut-7725-186-Graphic-Film.php)

Physical Properties	Metric	English	Comments
Thickness	50.8 microns	2.00 mil	without adhesive
	63.5 - 88.9 microns	2.50 - 3.50 mil	with adhesive

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	17.2 MPa	2490 psi	
Peel Strength	0.526 kN/m	3.00 pli	Adhesion to Polypropylene
	0.701 kN/m	4.00 pli	Adhesion to ABS
	0.701 kN/m	4.00 pli	Adhesion to Acrylic
	0.701 kN/m	4.00 pli	Adhesion to Acrylic enamel
	0.701 kN/m	4.00 pli	Adhesion to Fruehauf pre-painted panels
	0.701 kN/m	4.00 pli	Adhesion to Polycarbonate
	0.701 kN/m	4.00 pli	Adhesion to Urethane paints
	0.877 kN/m	5.00 pli	Adhesion to Chrome
	1.40 kN/m	8.00 pli	Adhesion to Aluminum, alodine

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	38.0 °C	100 °F	
Minimum Service Temperature, Air	10.0 °C	50.0 °F	

Descriptive Properties	Value	Comments
Appearance	Bright green	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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