

3M Scotchcal™ IJ780Cv3 Graphic Film

Category : Polymer , Film

Material Notes:

2-mil white, vinyl film with a luster finish; Excellent hiding power; Pressure-sensitive adhesive with non-visible, air release channels for fast, easy, bubble-free installations; Confirms to flat surfaces, with and without rivets, simple curves, compound curves; Removable with heat and/or chemicals Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotchcal-IJ780Cv3-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 - 0.877 kN/m	4.00 - 5.00 pli	Adhesion to ABS
	0.701 - 1.05 kN/m	4.00 - 6.00 pli	Adhesion to Fruehauf pre-painted panel
	0.877 - 1.05 kN/m	5.00 - 6.00 pli	Adhesion to Acrylic
	1.23 - 1.40 kN/m	7.00 - 8.00 pli	Adhesion to Aluminum, etched
	1.40 - 1.58 kN/m	8.00 - 9.00 pli	Adhesion to Aluminum, anodized

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	29.0 °C	84.2 °F	Flat surfaces without rivets
	29.0 °C	84.2 °F	Curved or corrugated surfaces with rivets
	29.0 °C	84.2 °F	Compound curves and/or watercraft
Minimum Service Temperature, Air	4.00 °C	39.2 °F	Flat surfaces without rivets
	10.0 °C	50.0 °F	Curved or corrugated surfaces with rivets
	16.0 °C	60.8 °F	Compound curves and/or watercraft

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