

3M Scotchcal™ IJ5000 Reflective Graphic Film'

Category : Polymer , Film

Material Notes:

6-mil, enclosed lens, retroreflective, flexible films; Pressure-sensitive adhesive; Permanent; Available in white only; Similar daytime and nighttime appearance that retains most of its reflectivity when wet; Excellent angularity; Version for screen printing, inkjet printing, and electrostatic imaging; Designed for excellent cutting and weeding with computer sign cutting equipment; For vertical, flat without rivets surfaces; Unprocessed film resists fuel vapor or occasional spills Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotchcal-IJ5000-Reflective-Graphic-Film.php

Physical Properties	Metric	English	Comments
Thickness	152 microns	6.00 mil	with adhesive

Mechanical Properties	Metric	English	Comments
Peel Strength	0.456 kN/m	2.60 pli	Adhesion to Painted aluminum panels
	0.649 kN/m	3.70 pli	Adhesion to FRP
	0.841 kN/m	4.80 pli	Adhesion to Aluminum

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	29.0 °C	84.2 °F	Air and substrate, for flat surfaces without rivets
	29.0 °C	84.2 °F	Air and substrate, for flat surfaces with rivets
	38.0 °C	100 °F	Dry, flat surfaces without rivets
Minimum Service Temperature, Air	10.0 °C	50.0 °F	Dry, flat surfaces without rivets
	10.0 °C	50.0 °F	Air and substrate, for flat surfaces without rivets
	13.0 °C	55.4 °F	Air and substrate, for flat surfaces with rivets

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