

3M Scotchlite™ 5100 Reflective Graphic Film

Category : Polymer , Film

Material Notes:

7-mil, enclosed lens, retroreflective, engineer grade films that offer flexibility and versatility; Pressure-sensitive adhesive; Permanent; Available in 15 colors, including black (which reflects white); Similar daytime and nighttime appearance that retains most of its reflectivity when wet; Excellent angularity; Version for screen printing and thermal mass transfer, inkjet printing, and electrostatic imaging; Designed for excellent cutting and weeding with computer sign cutting equipment; For vertical, flat or curved surfaces with or without rivets; Unprocessed film resists fuel vapors or occasional spills. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotchlite-5100-Reflective-Graphic-Film.php

Mechanical Properties	Metric	English	Comments
Peel Strength	0.526 kN/m	3.00 pli	Adhesion to FRP
	0.789 kN/m	4.50 pli	Adhesion to Painted aluminum panels
	1.05 kN/m	6.00 pli	Adhesion to Aluminum

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

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