

3M Scotchcal™ 8000-23 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-8000-23-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 | Deep red | |

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