

3M Scotchcal™ ElectroCut™ 7725-22 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-7725-22-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 | Matte black | |

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