

## 3M Scotchcal™ ElectroCut™ 7125-47 Graphic Film

Category : Polymer , Film

### Material Notes:

2-mil cast vinyl in 61 colors; Pressure-sensitive, permanent adhesive; Same color on both sides; The blue paper liner on 7125-10 and 7125-20 provides easier visibility when weeding, other film colors have a white paper liner; Superior cutting as small as 0.375 in (0.95 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-7125-47-Graphic-Film.php](http://www.lookpolymers.com/polymer_3M-Scotchcal-ElectroCut-7125-47-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             | Intense blue |          |

## **Contact Songhan Plastic Technology Co.,Ltd.**

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