

3M Controltac™ 8640C ES Graphic Film with Comply™ Adhesive

Category: Polymer, Film

Material Notes:

This 4-mil film offers great versatility along with slidable, repositionable, pressure activated adhesive. This long term durable and removable film has excellent hiding power and stability, making it perfect for indoor and outdoor signs and fleet graphics. The film has Comply adhesive with air release channels for fast and easy, bubble-free graphic installations. Use for electrostatic imaging. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Controltac-8640C-ES-Graphic-Film-with-Comply-Adhesive.php

| Physical Properties | Metric | English | Comments |
|---------------------|-------------------|-----------------|------------------|
| Thickness | 102 microns | 4.00 mil | without adhesive |
| | 114 - 127 microns | 4.50 - 5.00 mil | with adhesive |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|------------|-----------|---|
| Tensile Strength at Break | 22.4 MPa | 3250 psi | |
| Peel Strength | 0.158 kN/m | 0.900 pli | Adhesion to Fruehauf pre-painted panels |
| | 0.578 kN/m | 3.30 pli | Adhesion to Aluminum, anodized |

| Thermal Properties | Metric | English | Comments |
|----------------------------------|---------|---------|----------|
| Maximum Service Temperature, Air | 38.0 °C | 100 °F | |
| Minimum Service Temperature, Air | 4.40 °C | 39.9 °F | |

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