

### 3710 Series | Lumina Premium Ultra Metallic Vinyl Film

Lumina® 3710 Series is a premium cast vinyl film that is intended to be used in general signage, RV, marine and automotive aftermarket graphics, and striping. The 3710 Series provides dynamic graphic accents due to its large metal flake, high surface gloss and exceptional color

**Film Technology** | Cast (PVC)

**Film Thickness** | 3 mil

**Color** | Various

**Outdoor Durability** | 2 Years

**Finish** | Gloss

**Blockout** | Yes

**Adhesive** | Permanent / Various

**Liner** | 98# embossed, silicone coated PE paper

**Conformability** | Flat surfaces, simple and compound curves

**Shelf Life** | 2 Years

| <b><u>CUTTING</u></b>   | <b><u>PRINTING</u></b>   | <b><u>INSTALLATION</u></b>   |
|---|--|--|
| <b>Computer Cut</b>   Yes<br><b>Steel Rule</b>   Yes<br><b>Thermal Die</b>   Yes<br><b>Flat Bed</b>   Yes<br><b>Sheetable</b>   Yes<br><b>Laminate</b>   Cold | <b>Thermal Transfer</b>   No<br><b>Solvent</b>   No<br><b>Eco-Solvent</b>   No<br><b>Latex</b>   No<br><b>UV</b>   No<br><b>Screen</b>   Yes | <b>Wet Apply</b>   No<br><b>Min. App. Temp.</b>   40°F<br><b>Interior / Exterior</b>   Yes |

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|---|---|
| <p><b><u>FILM</u></b></p> <ul style="list-style-type: none"> <li>• <b>Film Thickness</b>__ (mils/μm) 4 Mil</li> <li>• <b>Film Weight</b>__ (gsm) 104</li> <li>• <b>Gloss</b>__ 60° Reflection (90 Gloss Units)</li> <li>• <b>Opacity</b>__ (%) N/A</li> <li>• <b>Tensile Strength</b>__ (lbs/in) ≥ 5.5 lb/in (≥ 0.98 kg/cm)</li> <li>• <b>Elongation</b>__ (%) ≥ 70</li> <li>• <b>Dimensional Stability</b>__ 158°F (70°C), 48 hours 0.010 in to 0.020 in (0.25 mm to 0.50 mm)</li> </ul> | <p><b><u>ADHESIVE</u></b></p> <ul style="list-style-type: none"> <li>• <b>Adhesive Type</b>__ Acrylic</li> <li>• <b>Adhesive Thickness</b>__ (mils/μm) N/A</li> <li>• <b>Adhesive Color</b>__ Various</li> <li>• <b>Peel Strength</b>__ (lbs/in) PSTC-1, 15 min, 60 oz/in (0.65 kg/cm)</li> </ul>   |
| <p><b><u>LINER</u></b></p> <ul style="list-style-type: none"> <li>• <b>Liner Weight</b>__ (#/gsm) 78</li> <li>• <b>Liner Type</b>__ Kraft</li> <li>• <b>Liner Thickness</b>__ (mils/μm) N/A</li> <li>• <b>Release Force</b>__ TLMI 300 in/min. (127 mm/s) 2 in. (51 mm) wide sample 150 g/2 in (30 g/cm)</li> </ul>   | <p><b><u>PERFORMANCE GUIDANCE</u></b></p> <ul style="list-style-type: none"> <li>• <b>Application Temp.</b>__ On clean, dry substrate 60°F to 90°F optimum</li> <li>• <b>Service Temp.</b>__ -40 °F to 200 °F</li> <li>• <b>Shelf Life</b>__ up to 2 year</li> <li>• <b>Storage Temp. / Rel. Humidity</b>__ 70°F (21°C) and 50% relative humidity</li> <li>• <b>Outdoor Durability</b>__ up to 2 years</li> </ul> |

NOTE - For further information regarding printing, substrate cleaning, application, maintenance, durability, and removal please review the corresponding instructional bulletin available at [fdcfilms.com](http://fdcfilms.com).

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