

2407 Series | Lumina Premium Engineer Grade Reflective Film

Lumina series 2407 is a premium engineer grade reflective film designed for producing permanent signage, Graphics and decals requiring long-term durability. This product meets ASTM D 4956 Type I standards for reflectivity. To order punched material, use part number 2457.

Film Technology | Retroreflective

Film Thickness | 5.9 mil

Color | 11 colors – see color chart

Outdoor Durability | 7 Years

Finish | Gloss

Blockout | Yes

Adhesive | Permanent / Clear - Acrylic

Liner | 90# (Lay Flat)

Conformability | Simple curves, rivets, corrugations, and flat surfaces

Shelf Life | 1 Year

<u>CUTTING</u>	<u>PRINTING</u>	<u>INSTALLATION</u>
Computer Cut Yes Steel Rule Yes Thermal Die Yes Flat Bed Yes Sheetable Yes Laminate Yes / Cold	Thermal Transfer Yes Solvent No Eco-Solvent No Latex No UV No Screen Yes	Wet Apply No Min. App. Temp. 60°F Interior / Exterior Yes

<p><u>FILM</u></p> <ul style="list-style-type: none"> • Film Thickness__ (mils/μm) 5.7 / 158 (+/- 10%) • Gloss__ (60°) >87 • Opacity__ (%) 98 (average - varies by color) • Tensile Strength__ (lbs/in) 26.4 N/25mm width • Elongation__ (%) MD > 200 / CD > 200 • Dimensional Stability__ (FTM 14) 169% 	<p><u>ADHESIVE</u></p> <ul style="list-style-type: none"> • Adhesive Type__ Emulsion Acrylic • Adhesive Thickness__ (mils/μm) N/A • Adhesive Color__ Clear • Peel Strength on Aluminum__ (lbs/in) / 0.2mm Overlap: 19.2mm • Peel Strength on Stainless Steel__ (lbs/in) / N/A
<p><u>LINER</u></p> <ul style="list-style-type: none"> • Liner Weight__ (#/gsm) 90 / 127 • Liner Type__ White Clay Coated Kraft • Liner Thickness__ (mils/μm) N/A • Release Force__ N/A 	<p><u>PERFORMANCE GUIDANCE</u></p> <ul style="list-style-type: none"> • Min. Application Temp.__ flat/smooth surface 59 °F • Service Temp.__ -22 °F to 176 °F • Shelf Life__ up to 1 year • Storage Temp. / Rel. Humidity__ 70 °F / 50% • Outdoor Durability__ up to 7 years

NOTE - For further information regarding printing, substrate cleaning, application, maintenance, durability, and removal please review the corresponding instructional bulletin available at fdcfilms.com.

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