

2520 Series | Lumina Premium Cast Translucent Film with Synthetic Liner

This high performance cast translucent film is engineered with excellent weathering and aging characteristics. This film is best used in backlit applications that require excellent, even color illumination with flexibility for sign faces and awnings. This film can also be used on glass, acrylic and polycarbonate sign faces or window substrates. Lumina 2520 Series features a synthetic liner that offers greater dimensional stability and easier application when using a wet application technique. To order punched material, use part number 2570.

Film Technology | Cast (PVC)

Film Thickness | 2 mil

Color | Various – see color chart

Outdoor Durability | 7 Years

Finish | High Gloss

Blockout | No

Adhesive | Permanent / Clear

Liner | Synthetic

Conformability | Flat/Simple Curves

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 No Solvent No Eco-Solvent No Latex No UV No Screen Yes	Wet Apply Yes Min. App. Temp. 60°F Interior / Exterior Yes

<p><u>FILM</u></p> <ul style="list-style-type: none"> • Film Thickness__ (mils/μm) 2 Mil • Film Weight__ (gsm) 104 • Gloss__ 60° Reflection (25 to 40 Gloss Units) • Opacity__ (%) N/A • Tensile Strength__ (lbs/in) ≥ 4.5 lb/in (≥ 0.8 kg/cm) • Elongation__ (%) ≥ 150% • Dimensional Stability__ 158°F (70°C), 48 hours 0.02 in (0.40 mm) 	<p><u>ADHESIVE</u></p> <ul style="list-style-type: none"> • Adhesive Type__ Acrylic • Adhesive Thickness__ (mils/μm) N/A • Adhesive Color__ Clear • Peel Strength__ (lbs/in) PSTC-1, 15 min, 70°F (21°C) ≥ 40 oz/in (≥ 0.45 kg/cm)
<p><u>LINER</u></p> <ul style="list-style-type: none"> • Liner Weight__ (#/gsm) N/A • Liner Type__ Synthetic • Liner Thickness__ (mils/μm) N/A • Release Force__ PSTC-1, 15 min, 70°F (21°C) 110 g/2 in (22 g/cm) 	<p><u>PERFORMANCE GUIDANCE</u></p> <ul style="list-style-type: none"> • Application Temp.__ On clean, dry substrate 60°F to 90°F optimum • Service Temp.__ -40 °F to 200 °F • Shelf Life__ up to 1 year • Storage Temp. / Rel. Humidity__ 70°F (21°C) and 50% relative humidity • 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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