

4200 Series | Intermediate Ultra-High Gloss Vinyl Film

An ultra-high gloss calendared vinyl film. Recommended for outdoor and indoor uses where a high-quality marking film is needed for flexibility, durability, and resistance to sunlight.

Film Technology | Calendared (PVC)

Film Thickness | 3 mil

Color | Variety of solid and metallic colors (view product catalog)

Outdoor Durability | 5 Years

Finish | High Gloss

Blockout | No

Adhesive | Permanent / Clear

Liner | 78# Kraft

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 Yes Solvent No Eco-Solvent No Latex No UV No Screen Yes	Wet Apply Yes Min. App. Temp. 40°F Interior / Exterior Yes

<p><u>FILM</u></p> <ul style="list-style-type: none"> • Film Thickness__ (mils/μm) 3.0 / 76 (+/- 10%) • Film Weight__ (gsm) 104 • Gloss__ (60°) >80 • Opacity__ (%) 94 (average - varies by color) • Tensile Strength__ (lbs/in) MD > 3500 / CD > 3500 • Elongation__ (%) MD > 200 / CD > 200 • Dimensional Stability__ (FTM 14) MD < 2.00 mm / CD < 1.20 mm 	<p><u>ADHESIVE</u></p> <ul style="list-style-type: none"> • Adhesive Type__ Emulsion Acrylic • Adhesive Thickness__ (mils/μm) .08-1.0 / 20-25 • Adhesive Color__ Clear • Peel Strength on Stainless Steel__ (lbs/in) / (N/25mm) 15 min 2.4 / 11 • Peel Strength on Stainless Steel__ (lbs/in) / (N/25mm) 24 hrs 4.0 / 18
<p><u>LINER</u></p> <ul style="list-style-type: none"> • Liner Weight__ (#/gsm) 78 / 127 • Liner Type__ White Clay Coated Kraft • Liner Thickness__ (mils/μm) - 4.5 / 114 • Release Force__ @ 360" / min (g/2") 30-70 	<p><u>PERFORMANCE GUIDANCE</u></p> <ul style="list-style-type: none"> • Application Temp.__ > +40 °F • Service Temp.__ -40 °F to 180 °F • Shelf Life__ up to 1 year • Storage Temp. / Rel. Humidity__ 70 °F / 50% • Outdoor Durability__ up to 5 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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