

Translucent Vinyl

The Fellers Black Label translucent film has excellent light diffusing properties for high quality back lit applications. This 3.2 mil film has a clear permanent adhesive coated to a matte white translucent film. Customers choose this product for indoor and outdoor back lit application where quality and applies well to polycarbonate, styrene, glass, painted aluminum and acrylic sheeting.

Product Description	Translucent Vinyl
Film	
Film Type	White Calendered Vinyl
Film Thickness (microns)	3.2 mil / 81
Gloss	≤10
Opacity (%) with adhesive	75
Adhesive	
Adhesive Type	Solvent Acrylic
Adhesive Thickness (microns)	0.9 / (23 μm)
Adhesive Color	Clear Permanent
Elongation (%)	MD > 150 / CD > 180
Dimensional Stability (% Shrinkage) FTM 14	MD < 0.30 mm / CD < 0.30 mm
Peel Strength on Stainless Steel: 15 min typical value (lbs/in / N/25m)	3.2 / 12.5
Peel Strength on Stainless Steel: 24 hrs typical value (lbs/in / N/25m)	5.9 / 24
Liner	
Liner Weight (# per ream) / (g/m ²)	90 / 145
Liner Type	Double-sided PE Coated Kraft
Liner Release	Medium
Performance Guidance	
Application Temperature	>40 °F
Service Temperature	-40 °F to 175 °F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	Up to 5 years
Printers	Eco-Solvent, Solvent, Latex, UV
Suggested Uses:	<ul style="list-style-type: none"> Indoor/Outdoor Retail Window Displays General Signage Backlit Displays
Installation and Conversion:	<ul style="list-style-type: none"> Wet or Dry Apply Die Cuttable Flat Bed Cuttable
Approved Surfaces:	<ul style="list-style-type: none"> Flat Glass Acrylic Vehicle Windows <small>(Subject to local laws & regulations)</small>
<p>For best results, printed graphics using solvent based inks should always be allowed to outgas for 24-48 hrs before installation or lamination. Designed for temporary applications. Painted walls must be fully cured (90) prior to installation.</p> <p>ASTM E84 Class 1 or A (standard test method for surface burning characteristics in building materials)</p>	

Disclaimer

All data provided in this document is based upon tests executed by Fellers or their manufacturing partners and determined to be reliable information. Results may represent an average and any minimum or maximum values provided should be considered as a recommendation based on average circumstances. In the end, it is up to the end user to determine at their risk if the product is right for the desired application and outcome. These settings do not provide or imply a guarantee of the products use, outdoor durability, removability, or printability. In general, non-vertical applications can result in a reduced performance of 50% or more. This information is subject to change at any time without notice.

