

3.5 Mil Intermediate Print Vinyl

Fellers Black Label 4-year Intermediate Print Vinyl is a 3.5 mil calendered, pressure-sensitive vinyl featuring a durable face film, a solvent-based adhesive, and a double-sided PE liner. It comes in available configurations with a clear adhesive, grey air release adhesive, and with matte or gloss finishes. This product is ideal for short to medium-term applications. Fellers recommends laminating all print film after a minimum of a 24-hour outgas period.

Product Description	4-Year Intermediate Print Vinyl
Film	
Film Type	Calendered Vinyl
Film Thickness (mils) ASTM-D 1593	3.5 mil; 90 micron (+/- 10%)
Gloss Level	≥70
Elongation (%) ASTM D882	MD ≥ 125
Dimensional Stability (% shrinkage) ASTM D1004	MD ≤ 0.018"
Adhesive	
Adhesive Type	Solvent
Adhesive Thickness	1.2-1.34 mil; 30-34 micron
Adhesive Color	Clear, Grey
Peel Strength on Glass: 15 min typical value (lbs/in / N/25m)	2.9
Peel Strength on Glass: 24 hrs typical value (lbs/in / N/25m)	4.5
Liner	
Liner Weight (lbs / gsm)	94 / 140
Liner Type	DSPE ¹
Liner Thickness (mils / microns)	7 / 178
Release Force @ 300" / min (g/2") ASTM D-1000	22 - 34
Performance Guidance	
Application Temperature	45 to 80 °F
Service Temperature	-50 to 185 °F
Shelf Life	2 years
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	4 years †
Removability	Varies, with heat
Watercraft Applications	Not recommended

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.

Notations:

† Typical weather conditions, Vertical mounted, Unprinted.
Overall durability of the product is application dependent and should be considered the shortest-term durability of any of the finished sign components.
MD - Machine Direction
1 DSPE - Double-Sided PE



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