

## Cast Wrap Film

Fellers Black Label Cast Wrap Film is a gloss finish cast print film featuring a solvent-based adhesive and air-release slide-able technology. This film offers the ultimate in conformability and durability and is recommended for all vehicle wraps, fleet graphics, or when long term outdoor durability is required. Heat assist lamination is recommended using Fellers Black Label laminates.

Product Description	Cast Wrap Film
<b>Film</b>	
Film Type	Cast Vinyl
Film Thickness (mils) ASTM-D 1593	2 mil; 50 micron (+/- 10%)
Gloss Level	≥90
Elongation (%) ASTM D882	MD ≥ 210
Dimensional Stability (% shrinkage) ASTM D1004	MD ≤ 0.20 mm
<b>Adhesive</b>	
Adhesive Type	Solvent
Adhesive Thickness	1.2-1.34 mil; 30-34 micron
Adhesive Color	Grey
Peel Strength on Glass: 15 min typical value (lbs/in / N/25m)	2.5 / 11
Peel Strength on Glass: 24 hrs typical value (lbs/in / N/25m)	3.6 / 16
<b>Liner</b>	
Liner Weight (lbs / gsm)	98# / 160
Liner Type	DSPE Air Release <sup>1</sup>
Liner Thickness (mils / microns)	7 / 178
Release Force @ 300" / min (g/2") ASTM D-1000	20 - 35
<b>Performance Guidance</b>	
Application Temperature	45 to 80 °F
Service Temperature	-40 to 185 °F
Shelf Life	2 years
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	10 years †
Removability	2 years, clean removability with heat
Watercraft Applications	2 year durability, above the waterline
<p>Temperature settings are extremely important when printing on Cast media, particularly when using eco-solvent printers. We advise the pre-heater temperature should be generally set between 98°F and 110°F. Use caution when increasing the temperature, as too large of increases can lead to color differences, poor print quality and waves in the film. Heat settings for the dryer (post printing) are also important and we recommend settings between 120°F to 140°F. As a rule, run your heaters as high as possible without the material showing any signs of warping, rippling, bubbling or premature liner release.</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.

### 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  
<sup>1</sup> DSPE - Double-Sided PE



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