

# 15 mil Polycarbonate Laminate



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15 mil Polycarbonate Laminate is a rigid, frosted, pressure sensitive polycarbonate laminating film designed for the production of trade-show graphics that can be hung with magnets directly to the metal frame of a trade show booth. This film works particularly well with graphics printed on polyester film as both are dimensionally stable materials. Instead of tweaking printer settings or color profiles on your print, simply apply this laminating film and the colors in your graphics will immediately be enhanced.

The 2-mil, high-performance acrylic adhesive helps ensure that the laminating film maintains a strong, permanent bond to the graphic.

Benefits	Applications	Customers
<ul style="list-style-type: none"><li>• High durability</li><li>• Adds rigidity to panels</li><li>• Slip rated</li></ul>	<ul style="list-style-type: none"><li>• Tradeshow panels</li><li>• Museum exhibits</li></ul>	<ul style="list-style-type: none"><li>• Large format printers</li><li>• Exhibit houses</li></ul>

**SPECIFICATIONS**

Material Type	Frosted Polycarbonate PCVE Film
Gauge	15 mil
Adhesive	Solvent-based, permanent acrylic adhesive
Release Liner	3 mil clear oriented polyester
Peel Adhesion (24 hr. dwell)	44 oz./inch
Tensile Strength	7000 psi
Shear Strength	1 sq.in.; 350+ hours no failure
Elongation	170%
UVA Light Protection	Yes.
Inkjet Media Preparation	Recommend that you allow your print to dry for a minimum of 24 hours before lamination. In areas with high humidity dry times can be longer.
Laminator Compatibility	Recommended that your laminator be equipped with a release liner take-up reel. Use a rigid sled (1/8" or thicker) such as polycarbonate, acrylic, Masonite or aluminum. This will ensure consistent pressure across the web. Apply a release liner to your sled to prevent adhesive build-up. Use strong tape, such as packaging tape, to attach the entire width of the leading edge of the graphic to the sled.
Laminator Settings	Apply 80-100 psi and use 2-3 feet per minute for dwell time. Between 90° to 120° F heat is recommended, but heat is not required. The top and bottom web tension should be minimal.
Adhesive Cure Time	After applying the laminate, allow curing for a minimum of 2 hours before cutting or trimming. Maximum bond strength is reached in 24 hours.
Floor Graphics Slip Rating	Test Method: ASTM D 1894; .40 Kinetic
Min. Application Temp.	50° F (10° C)
Ideal Storage Conditions	70° F (21° C), 50% R.H. (a controlled environment is recommended); store vertically in original packaging.
Shelf Life	1 year from the ship date when stored in proper conditions.

**SKU**
**Size**

UPCPS153875	38 in x 75 ft.
UPCPS155175	51 in x 75 ft.

Product Performance & Suitability: All of the descriptive information and recommendations should be used only as a guide. Furnishing such information and recommendations shall in no event constitute a warranty of any kind. All purchasers shall independently determine the suitability of the material for the purpose for which it is purchased. Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither the seller nor manufacturer shall be liable either in tort or in contract for any loss or damage, direct, incidental or consequential (including loss of profits or revenue) arising out of the use of or the inability to use the product. No statement or recommendation not contained herein shall have any force or effect unless in agreement signed by officers of seller and manufacturer.