

# 5 mil Polycarbonate Laminate



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5 mil Polycarbonate Laminate is a frosted pressure sensitive polycarbonate laminating film. It can be used to economically produce short-term durable graphics for pop-up booths and more. This laminating film works particularly well when laminated to graphics printed on polyester films as both provide excellent dimensional stability and lay-flat properties.

Instead of tweaking printer settings or color profiles to enhance color vibrancy, simply apply this laminating film and the colors in your graphics will immediately pop. The 2-mil, high-performance clear acrylic adhesive maintains a strong, permanent bond to the graphic.

Benefits	Applications	Customers
<ul style="list-style-type: none"><li>• High durability</li><li>• Textured finish which diffuses glare<ul style="list-style-type: none"><li>○ Slip rated</li></ul></li></ul>	<ul style="list-style-type: none"><li>• Tradeshow panels</li><li>• Museum exhibits</li><li>• Floor graphics</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	5 mil
Adhesive	Solvent-based, permanent acrylic adhesive
Release Liner	1.5 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.
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
UPCPS538150	38" x 150 ft.
UPCPS551150	51" x 150 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.