

# 10 mil Polycarbonate Laminate



10 mil Polycarbonate Laminate is a medium-gauge, frosted, pressure sensitive polycarbonate laminating film designed to enhance both the look and durability of graphics that will repeatedly be hung with Velcro® hook-and-loop tape to the fabric panels of pop-up trade-show booths. This laminate works particularly well with graphics printed on polyester film as both are dimensionally stable materials and can also be applied to the reverse side of backlit films that require more rigidity and durability.

The 2-mil, high-performance acrylic adhesive ensures 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>• Textured frosted finish which diffuses glare</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	10 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
UPCPS103875	38" x 150 ft.
UPCPS105175	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.