

10 Mil White Opaque Backer



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10 Mil White Opaque Backer is a white opaque, co-polymer film with an optically clear high-performance, permanent, pressure-sensitive adhesive designed to be applied to thinner print films for added stability and color pop. It can instantly make graphics printed in reverse on a clear film look brighter and whiter, because the opaque white surface helps to offset yellow and gray color shifts that can occur with printed clear films. The solvent-based, acrylic adhesive is acid-free, and pH neutral for extended use without yellowing or fading. 10 Mil White Opaque Backer is ideal for pop-up booth graphics that are applied to fabric panels.

Benefits	Applications	Customers
<ul style="list-style-type: none">• 10 mil thickness for added opacity and rigidity• Optically clear solvent acrylic adhesive for clarity and durability	<ul style="list-style-type: none">• Trade show graphics• Framed photos• POS / POP signage backer for slot displays	<ul style="list-style-type: none">• Exhibit houses• Photo labs• Print service providers

SPECIFICATIONS	
Material Type	White co-polymer plastic film
Thickness	10 mil
Adhesive	2-mil optically clear, high performance, solvent-based, permanent acrylic adhesive
Release Liner	1.5-mil clear oriented polyester
Tensile Strength	(ASTM D-882): 7000 lb / sq in
Elongation	(ASTM D-882): 170%
Tensile Impact Strength	(ASTM D-1822 MOD): 250 ft lb / sq in
Cold Break Temperature	(ASTM D-1790): -15° C
Heat Deflection	(ASTM D-648): 164° F
Opacity	(Tappi T-425): .010 in = 100%
Peel Adhesion	(PSTC-1): 15 minute dwell = 23 oz / in 24 hour dwell = 44 oz / in
Shear Strength	(PSTC-7): 1 in x 1 in panel, 350+ hours with no failure; ½ in x ½ in panel, 150+ hours with no failure.
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 90-120°F (38°C) to help the adhesive flow, which will produce a more consistent adhesion to the print. Apply 80-100 psi and use 2-3 feet per minute for dwell time depending on the application. Your top and bottom web tension should be minimal to prevent curling of the graphic.
Finishing	After applying the laminate, allow the panel to lay flat for a minimum of 2 hours before trimming, or rolling. The adhesive fully sets in 24 hours.
Core Size	3 in
Optimal Service Environment	-40°F to 176°F (-40°C to 80°C)
Ideal Storage Conditions	70°F (21°C), 50% R.H. (a controlled environment is recommended); store in original packaging.
Shelf Life	1 year from the ship date when stored in proper conditions.

SKU	Size
UWH10BK3875	38" 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.