



LexJet TOUGHcoat Water-Resistant Self Adhesive Polypropylene

LexJet's TOUGHcoat Water-Resistant Self Adhesive Polypropylene is a 6-mil, adhesive-backed film designed for users of piezo and thermal inkjet platforms using both dye and pigmented inks. The material is perfect for mounted applications to any substrate. Create spectacular, high-impact graphics, including short-term signage applications that will last up to eight months outdoors without laminating. LexJet's remarkable TOUGHcoat technology makes the material easier to handle, and adds scratch and weather resistance.

Property	Specifications
Material	White polypropylene film
Gauge	6.5 mil
Gauge of Adhesive	1 mil
Opacity	>90% (CIE)
Color	L = 97, a = 3.8, b = -9
Whiteness	120 (CIE)
Gloss Level @ 60°	5
Adhesive	Permanent solvent-based acrylic
180° Peel Force	7.0 N/in. to stainless steel
Printer/Ink Compatibility	Encad, ColorSpan, Hewlett-Packard, Mimaki, Mutoh, Roland, & Epson Series dye and pigment-based inks.
Software Settings	When using this material utilize the UCR (Under Color Removal) technique that replaces composite black (CMY) with the appropriate amount of black ink. To optimize print quality, printers should be set for the highest print quality and media selection should be set on "heavy coated." Ink coverage up to 350% is recommended.
Color Matching	For the best and most consistent results, a profile should be created using an external color calibrator in conjunction with your RIP and color matching software.
Finishing/Post Processing for Trade Show Graphics	Always use pressure sensitive laminates (LexJet's GraphicsGuard or GraphicShield vinyl). Hand applying the laminate is not recommended. Before applying the laminate, allow the image to dry for 24 hours. The adhesive on this product and most laminates should cure for at least two hours before trimming at a minimum; 24 hours is ideal.
Lightfastness	The fading time of inkjet ink is a direct result of the inks that you choose to use and the environment where the print is displayed. All dye-based inks fade noticeably under direct sunlight, in interior applications where direct sunlight may fall on an image, and/or where fluorescent or other UV lighting is present. Although the fading process is inherent with all inkjet inks, certain UV-enhanced inks, pigment-based inks, and UV-inhibiting laminates will extend the longevity of an image. Contact the ink manufacturer to determine suitability for a particular application.
Optimal Service Environment	For printing: 60-80° F, 50% Relative Humidity.
Handling Recommendations	Due to the absorptive nature of the coating, you should avoid touching the coated surface. It's always recommended that cotton gloves be used when handling ink jet coated materials. Rolls of LexJet film are supplied with the coated side facing out.
Service Temp. Range	-40° - 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 LexJet ship date when stored in proper conditions.

Product Performance & Suitability: All of the descriptive information and recommendations for the use of LexJet products should be used only as a guide. Furnishing such information and recommendations shall in no event constitute a warranty of any kind by LexJet. All purchasers of LexJet products 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.