

LexJet TOUGHcoat™ Water-Resistant Polypropylene



LexJet's TOUGHcoat™ Water Resistant Polypropylene is an 8-mil polypropylene film that provides the brilliant color reproduction and exceptional durability needed to produce short-term banners and outdoor posters. The TOUGHcoat™ technology makes the film easy to handle and exceptionally resistant to water and abrasion.

- The 125° white point provides colors that pop, and the coating supports high ink saturation for the expanded color gamut needed for hard-to-hit spot colors.
- LexJet TOUGHcoat™ Water Resistant Polypropylene works with dye and pigment aqueous inks on thermal and piezo inkjet printers.

Product Highlights

Features
Provides brilliant color reproduction and exceptional durability
Water-Resistant 8 Mil polypropylene film with a matte finish
Ideal for short term banners or outdoor posters

Product Properties

Properties	Description
Unit	1 Roll
Roll Size	2in Core
Material	Matte Polypropylene (100% Recyclable Material)
Gauge	8 mil
Basis Weight	130 gms
Tensile Strength	152/123 (lbs/inch)
Tear Strength	Weft 22, Warp 13
Opacity	>90%
Flame Resistance	Class A flame rating
Gloss Level @ 60°	8-15
Whiteness	>130 CIE
Lab* Color Space	L = 93.27, a= -0.56, b*= -1.47
Printer/Ink Compatibility	Compatible with all thermal and piezo inkjet printers using water based dye and pigment-based inks.
Software Settings	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. However, if these tools are not available printers should be set for the highest print quality and media selection should be "heavy coated". Ink coverage up to 250% is recommended.
Light Fastness	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. Please consult with your ink manufacturer for light fastness data.
Grommeting	Grommets should be placed in the hemline along the length of the banner so that the grommet is through two layers. Corner grommets should be placed where the length and width hems cross, so that the grommet is through four layers. A reinforced corner is also recommended to increase durability.
Tape & Stitched Hem	Banner tape can be used and is preferred to sewing. If sewing, a double-stitched hem is recommended with a maximum of five stitches per inch. Banner tapes at least 4-mils thick perform the best. For more information see LexJet's Heavy Duty Banner Tape.
Finishing/Post Processing	Pressure sensitive vinyl laminates like LexJet's Elite UV Vinyl can be applied to increase the fade and abrasion resistance of the image. Before applying the laminate, allow the image to dry for 24 hours.
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 inkjet coated materials. Rolls of LexJet film are supplied with the coated side facing out.
Service Temp. Range	-40° 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 LexJet ship date when stored in proper conditions.

Note:

The assigned numerical reading and other tests referenced in this text are not intended to reflect hazards presented by this or any other material under actual fire cognitions. Consult an architect or fire safety engineer for information on applicable building codes and reduction of fire hazards, including the use of sprinklers.

Item Details

Size	SKU	UPC
24in x 100ft	WRPP24	848412000849
36in x 100ft	WRPP36	848412000344
36in x 200ft	WRPP36200	848412000856
42in x 100ft	WRPP42	848412000351
42in x 200ft	WRPP42200	848412000863
50in x 100ft	WRPP50	848412000870
60in x 100ft	WRPP60	848412000368

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.