

TECHNICAL DATA SHEET

OUTDOOR POLY PRO VINYL 7 MIL

Description: 7 Mil Water-Resistant Outdoor Poly Pro Banner is an 7-mil PP film that provides the brilliant color reproduction and exceptional durability needed to produce short-term banners and outdoor posters. The matte, water-resistant aqueous ink receptive topcoat is resistant to water and abrasion while the high white point and ability to hold heavy ink limits provide saturated colors that make images stand out.

Advantages:

- Water resistant matte coating
- Bright white imaging surface
- Economic polypropylene base
- 7-Mil thickness for added durability

Applications:

- Indoor / Outdoor signage possible from aqueous ink jet printers
- Banners
- Displays

Physical Specifications:

Material Type: Matte polypropylene (100% recyclable material)

Weight: 130 gms

Finish: 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 tape at least 4 mils thick performs the best. Finishing/Post Processing - Pressure sensitive vinyl laminates 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.



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Whiteness:	130 CEI
Opacity:	90%
Flame Rating:	Class A flame rating
Core Size:	2" ID core
Color:	L = 93.27, a= -0.56, b*= -1.47
Ink Compatibility:	Compatible with all thermal and piezo inkjet printers using water-based dye and pigmented inks.

RIP & Printer Media 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.
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Optimal Service Environment:

For printing: 60°-80° F, 50% Relative Humidity.
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.
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Shelf Life:	1 year from the ship date when stored in proper conditions.
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