AquaVinyl w/ PSA

LexJet AquaVinyl w/ PSA represents the latest in ink jet and adhesive coating technology. This combination provides the professional print producer a high quality, adhesive backed, waterproof solution at a most attractive price. This 5 mil adhesive backed vinyl solution is available to users of both thermal and piezo ink jet printers--making AquaVinyl a truly universal product solution for the sign community. The solvent-based, permanent adhesive allows for easy mounting to any substrate.

Property	Specifications
Material	Calendered Vinyl
Gauge of Vinyl	5 mil
Gauge of Adhesive	.5 mil
Gauge of Release Liner	6 mil
Total Gauge	11.5 mil
Opacity	>90% (CIE)
Color	L*>90, a*= 0 ± 2.0, b*= -3.0 ± 3.0
Whiteness / Gloss	90 / 2.1
Adhesive	Permanent Solvent-Based Acrylic
Peel Force	3.5 lbs/in. to stainless steel
Dimensional Stability	.9%
Printer/Ink Compatibility	Encad; ColorSpan; Hewlett-Packard; Mimaki; Roland; and Epson Series dye and pigment-based inks.
Software Settings	When using this material with pigment-based inks, 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 "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.
Light Fastness	The fading time of ink jet ink is a direct result of the inks that you choose to use as well as 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 the image, and/or where fluorescent or other UV lighting is present. Although the fading process is inherent in all ink jet inks, certain UV enhanced inks, pigment-based inks, and UV inhibiting laminates will extend the longevity of ink color. Contact the ink manufacturer to determine a specific ink's suitability for a particular application.
Water Resistance & Surface Protection	To obtain a high degree of water resistance, use only pigmented ink. Allow the print to dry for 24 hours before exposing it to moisture. Lamination is not required. Ink saturation over 350% can affect the water fast properties and show ink bleed. Dye-based inks will yield good color gamut, but bleeding may occur when the images gets wet. Over-laminating dye-based ink will not eliminate image bleed, unless the material is completely sealed to a non-porous surface. Dirt and stains cannot be cleaned from the imaged surface and the surface can be damaged from excessive folding or creasing.

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.

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