

# 5 Mil Water-Resistant Self-Adhesive Vinyl



866 971-1008 [www.bciimage.com](http://www.bciimage.com)



5 Mil Water-Resistant Self-Adhesive Vinyl is a 5-mil solvent acrylic adhesive-backed vinyl with a white point that enables bright, colorful photos to be printed on a durable, weather-resistant surface. The matte, ink receptive layer provides exceptional resistance to water and scratching. Graphics printed on this material will last up to 8 months outdoors without lamination and up to two years outdoors when laminated. The strong, permanent solvent-based adhesive sticks to most popular sign substrates and removes cleanly for up to 90 days.

Compatible with all aqueous inkjet printers.

Benefits	Applications	Customers
<ul style="list-style-type: none"><li>• Water resistant matte coating</li><li>• Durable solvent acrylic adhesive</li><li>• Bright white imaging surface</li></ul>	<ul style="list-style-type: none"><li>• Indoor / Outdoor signage possible from aqueous ink jet printers</li><li>• POS signage</li><li>• Opaque window graphics</li></ul>	<ul style="list-style-type: none"><li>• Sign companies</li><li>• Print service providers</li><li>• Trade show display manufacturers.</li></ul>

**SPECIFICATIONS**

Material Type	Calendered
Film Gauge (minus adhesive)	3.5 mil
Liner	6 mil
Finish	Matte: Pressure-sensitive vinyl laminates can be applied to increase the fade and abrasion of the image and change gloss level. Before applying the laminate, allow the image to dry for 24 hours.
Brightness	97
Whiteness	120 (CIE)
Opacity	90
Gloss Level	2.8
Storage humidity	Indoor, 1 yr @ 50-80 degrees
Color	$L > 92-96$ , $a = 0.5 \pm 1.0$ , $b^* = -3.0 \pm 2.0$
Adhesive Type	Permanent solvent-based acrylic
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 using dye ink should be set for the highest print quality and media selection should be "Photopaper". When using UV inks, the "heavy weight coated" option should be selected. Ink coverage up to 300% 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.
Water Resistance	To obtain a high degree of water resistance, use only pigmented ink. Allow the print to dry for 24 hours before exposing to moisture. Lamination is not required. Ink saturation over 350% can affect the water-resistant properties and show ink bleed.
Optimal Service Environment	Recommended conditions for use: 10-30°C/30-50% R.H. Use care in handling printed material; surface is susceptible to abrasion.
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
WRVSA2460-AC	24" x 60 ft.
WRVSA3660-AC	36" x 60 ft.
WRVSA4260-AC	42" x 60 ft.
WRVSA5060-AC	50" x 60 ft.
WRVSA6060-AC	60" X 60ft.

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.