



The Profitable Source for Finishing Products

# Product Data Sheet

## Gfp 3200 Series Solvent Media Clear Adhesive

January 2015

<b>Product Name:</b>	3200 Series Clear Adhesive		
<b>Product Description:</b>	White Adhesive Backed Vinyl - Gloss or Matte Finish - Permanent or Removable Adhesive		
<b>Face Material</b>	Type	Calendared monomeric PVC	
	Thickness	3.75 ± .01 mil	
	Color	White	
	Finish	Gloss or Matte	
	Gloss Level	Gloss Finish (20° Gardner) ≥ 30      Matte Finish (60° Gardner) ≥ 30	
	Tensile Strength	≧ 22 N/mm <sup>2</sup> ( MD / CD ) (220 Kg/ cm <sup>2</sup> )	
	Elongation	≧ 90 ( MD / CD )	
	Shrinkage	≧ 0.8 %	
	Surface Tension	≧ 35 dn/cm	
	Opacity	> 80%	
<b>Adhesive</b>	Type	Clear Acrylic, permanent or removable	
		<b>Permanent</b>	<b>Removable</b>
	Coating Thickness	0.022mm (22mic) .9 mil ± 5%	0.022mm (22mic) .9 mil ± 5%
	Dried Coated Weight	20 ± 2 gsm (13.5 lbs)	20 ± 2 gsm (13.5 lbs)
	DT 20min Peel	> 600g /25 mm (1.31 lbs/ in)	> 280g/25mm (0.61 lbs./ in.)
	DT 24hrs Peel	> 800g /25 mm (1.76 lbs/ in)	> 440g/25mm (0.971 lbs./ in.)
	Shear	> 1000Min.	> 1000Min.
	Release Force	60-80 g/50mm	60-80 g/50mm
Removing Adhesive	Permanent	Up to one year on many surfaces	
<b>Release Liner</b>	Type	Single-side PE coated Kraft	
	Color	White	
	Basic Weight	95 lbs.	
<b>Standard Size</b>	Width	27", 30", 36", 54", 60"	
	Length	150 ft./R ( 0 splice )	
<b>Printing Conditions</b>	Designed for Solvent, Eco-Solvent, Latex based & UV inkjet printing on wide-format printing systems.		
<b>Laminating Conditions</b>	Printed vinyl should be left to dry for 48 hours prior to lamination or transportation		
<b>Typical uses</b>	Short to medium term indoor or outdoor signage on flat or slightly curved surfaces		
<b>Application</b>	Good digital and screen printing performance for signage display		
<b>Shelf life</b>	2 years when stored at 18° to 25°C ( 60° to 80° F) at 40-65% humidity in original package		
<b>Durability</b>	4 years for unprinted vinyl and 2 years after printing, with vertical exposure and proper application		
<b>Recommendations:</b>	Always test the combination of media, inks, and laminating film prior to commercial use		

Printed PVC must be allowed to dry for 24-48 hours at 70° F prior to lamination to allow residual solvent to evaporate. Failure to do so may result in delamination, tunneling and shrinkage of the PVC and or adhesive failure.

The amount of dry time required is a function of the amount of ink applied, the image printed, relative humidity, printing conditions, etc. and all prints are not the same nor dry at the same rate. There may still be solvent in the ink that has not completely dried at the time of lamination. Although all PVC outgases, in some cases this process is accelerated by the presence of excess solvent in the ink and heat from high UV exposure.

These Durability estimates are based on accelerated aging tests and outdoor exposure, under conditions experienced in vertical exposure and in "normal" temperate climates. Exposure to severe humidity and ultraviolet light as in Southern States or desert regions will cause rapid deterioration. This also applies to polluted areas, high altitude, horizontal and/ or south-facing exposure where durability may be divided by 2. Because of these varying climate conditions there is no standard outdoor life durability; it is only a reference for choosing the proper product.

### Important Notice

Gfp products are warranted to be free from defects in material and workmanship (see Gfp Product Warranty statement). Product information is based on research the company believes to be reliable; however, such information is given without guarantee and does not constitute a warranty. Purchasers should undertake their own evaluation of the product prior to use to independently determine the suitability of the product to their specific application and the purchaser shall assume all risks regarding such use.

PO Box 1097, Maryland Heights, MO. 63043  
sales@gfpartnersllc.com 800-986-2005  
www.gfpartnersllc.com

