

Product Bulletin

STATIC CLING VINYL

Static cling vinyl is a 7.0 mil highly plasticized vinyl film designed to adhere to most clean, smooth surfaces. Static cling is available in either clear or white. These films are designed to accept a variety of UV curable and solvent-based screen inks and are available topcoated for use with flexographic, offset and letterpress inks but must be tested prior to use.

Applications	This product is designed for window decals, temporary product markings, point of purchase displays and protective masking.	
Substrates	Static cling vinyl is designed for temporary application to glass. It may also function adequately on other smooth, clean surfaces such as metal and plastics. Thoroughly test this product when applying to painted surfaces. Hazing may develop on the painted surface with extended exposure to static cling vinyl.	
Liners Available	8 pt. board (8 mil/200mic) 10 pt. board, (10 mil/250 mic) 90# lay flat (6.7 mil/170 mic)	
Temperature Ranges	Minimum application	40°F.
	Service temperature	20°F to 200°F.
Application Techniques	The surface must be clean, smooth and as close to room temperature as possible. Cold surfaces reduce the bond of the vinyl. Small decals may be applied dry. Large decals should be applied by wetting the substrate and the decal with glass cleaner. Use a roller to smooth the decal onto the substrate.	
Appearance	Highly plasticized clear vinyl may develop a surface haze. Usually haze will dissipate after the decal is applied. Although clear vinyl is exceptionally transparent, flow lines may be visible to varying degrees. A thorough evaluation of this product is recommended before production.	
Inks	Static cling vinyl usually offers good adhesion for most solvent screen inks. Contact your ink supplier for recommendations. Test ink adhesion and printability before production. Being a highly plasticized vinyl, plasticizer migration to the surface may reduce ink adhesion. Conditioning the stock at 110°F., or wiping with isopropyl alcohol will reduce the plasticizer on the surface.	
Expected Exterior Exposure	Static cling vinyl may be used for temporary applications to exterior glass, up to 3 months. Temperature, wind and rain may limit the bond of static cling vinyl on exterior windows. Clear static cling can yellow with prolonged exposure to UV radiation.	
Storage Stability	Shelf life of 6 months. Excessive heat over 75°F. and humidity over 75% increases the rate of plasticizer migration. These factors could affect ink adhesion and printability.	
Product Codes	VSC-7.0-NTC	(7.0 mil clear non-topcoated)
	VSC-7.0-TC	(7.0 mil clear topcoated)
	VSCW-7.0-NTC	(7.0 mil white non-topcoated)
	VSCW-7.0-TC	(7.0 mil white topcoated)



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309 S. Union • P.O. Box 158 • Sparta, Michigan 49345 • (616) 887-7387 • (800)253-3664 • FAX (616)887-0537
Web Site: www.generalformulations.com • e-mail: info@generalformulations.com

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