

# TECHNICAL DATA SHEET

## VSC-NTC/8PE

### 7.0 MIL CLEAR STATIC CLING

VSC-NTC/8PE is a 7.0 mil highly plasticized clear static cling vinyl film on an 8 PT. two-side poly-coated liner that promotes optimal film clarity while also providing excellent lay-flat qualities. VSC-NTC/8PE is ideal for temporary application to glass. Clear Static cling will bond to most clean, smooth surfaces and is designed to accept a wide variety of UV curable and solvent-based screen inks. This product is designed for window decals, temporary product markings, P.O.P displays and protective masking. The improved construction carries a longer shelf-life (up to six months) and is less prone to blocking than products commonly found in the market.

PRODUCT NAME	VSC-NTC/8PE
<b>FILM</b>	
Film Type	Clear Static Cling Vinyl
Film Thickness (mils / $\mu\text{m}$ )	7.0 / 179 (+/- 10%)
Film Weight (gsm)	220
Gloss (60°)	$\geq 90$
Tensile Strength (psi)	MD $\geq 2500$ / CD $\geq 2500$
Elongation (%)	MD $\geq 300$ / CD $\geq 300$
<b>LINER</b>	
Liner Weight (#/gsm)	120 / 200
Liner Type	White PE-Coated Kraft
Liner Thickness (mils/ $\mu\text{m}$ )	8.0 / 200
Release Force @ 12"/min (g/2")	15-25
<b>PERFORMANCE GUIDANCE</b>	
Application Temperature	$\geq +40$ °F
Service Temperature	20 °F to 200 °F
Shelf Life	6 months (see Storage Temp guidance below)
Storage Temp / Rel. Humidity	70 °F / 50% (over these amounts increases the rate of plasticizer migration)
Outdoor Durability	up to 3 months
Removability	3 month

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PRODUCT SNAPSHOT	APPLICATIONS	INK TYPE
<b>APPLICATION</b> <ul style="list-style-type: none"> <li>● WET APPLY</li> <li>● DRY APPLY</li> <li>○ LAMINATING</li> <li>○ MOUNTING</li> <li>● DIE CUTTABLE</li> <li>○ HOT STAMP</li> <li>○ THERMAL DIE</li> <li>● FLATBED CUTTABLE</li> </ul>	<ul style="list-style-type: none"> <li>● POP/RETAIL</li> <li>○ WALL</li> <li>○ WRAP</li> <li>● WINDOW</li> <li>○ FLOOR</li> <li>○ TRANSLUCENT</li> <li>○ FLEET</li> <li>● GENERAL SIGNAGE</li> <li>● OUTDOOR (SHORT TERM)</li> </ul>	<ul style="list-style-type: none"> <li>○ SOLVENT</li> <li>○ ECO-SOLVENT</li> <li>○ LATEX</li> <li>○ UV CURABLE</li> <li>● SCREEN</li> <li>● OFFSET (UV CURABLE)</li> <li>○ OFFSET (CONVENTIONAL)</li> </ul>
<b>SUBSTRATES</b> <ul style="list-style-type: none"> <li>○ OEM PAINTED METAL</li> <li>○ PAINTED ALUMINUM</li> <li>● GLASS</li> <li>● ACRYLIC</li> </ul>		

### FAQS

Should VSC be applied dry or with application fluid?	For smaller decals you do not need application fluid (unless the window is cold), but for larger decals application fluid is recommended and you will get a much better bond between the film and application surface.
If I have an older roll of material, will it still work?	This product type has a shelf life that is shorter than most vinyl/pvc products. If used after its shelf life, you may experience plasticizer migration on the surface, which will affect ink bond.
Can I use Static Cling films on painted surfaces?	We recommend thoroughly testing this product in this application. Haziness may develop on the painted surface with extended exposure to static cling vinyl. Glass is the ideal surface for this product.
Are there any environmental factors that may affect this product?	Temperature, wind, and rain may limit the bond of static cling vinyl on exterior windows. Clear static cling vinyl can yellow with prolonged exposure to UV radiation.