

# Product Bulletin

## Concept<sup>®</sup> 205 FLEXIBLE CLEAR GLOSS PVC PERMANENT ADHESIVE

Concept<sup>®</sup> 205 is a 3.0-mil premium clear gloss flexible calendared PVC film coated with 200-5000 permanent acrylic pressure sensitive adhesive laminated to a 90# layflat liner. This film is designed to accept a variety of solvent-based inkjet and UV curable inks common to wide format digital printing systems. Adhesive 200-5000 produces permanent bonds to a variety of common substrates used in graphics applications. The 90# liner offers excellent product layflat in common ambient conditions.

<b>Applications</b>	Concept <sup>®</sup> 205 is designed for interior or exterior signage, decals, nameplates, die-cut letters and point-of-purchase displays.
<b>Thickness</b>	Film                    3.0 mils. Adhesive            .8 to 1.0 mils. Liner                   6.7 mils. (Thickness variance +/- 10%)
<b>Dimensional Stability</b>	Good.
<b>Temperature Ranges</b>	Minimum application temperature is +40°F. Service temperature is -40°F to +180°F.
<b>Expected Exterior Exposure</b>	Clear vinyl film can yellow with exposure to UV radiation. Must be tested for specific usage.
<b>Adhesion</b>	To stainless steel – 48 oz/in. PSTC-1 with 24-hour dwell at 70°F and 50% relative humidity. Typical values. Individual values may vary. Test thoroughly before production.
<b>Water Resistance</b>	Limited immersion resistance. Test for specific application. If using the wet application method the product may fog when exposed to water. This condition will usually clear within 48 hours at normal temperature and humidity.
<b>Humidity Resistance</b>	Good. Under high humidity conditions product may fog. This condition will usually clear within 48 hours at normal temperature and humidity.
<b>Storage Stability</b>	6-months shelf life when stored at 70°F and 50% relative humidity.
<b>Product Codes</b>	<b>205-30</b> (30" X 150' roll) <b>205-54</b> (54" X 150' roll) <b>205-60</b> (60" X 150' roll)
<b>Recommendations</b>	Completely evaporate inkjet solvents before application. Failure to do so may facilitate solvent penetration resulting in vinyl degradation.



**Manufacturer of Pressure Sensitive Films,  
Traffic Graffice Floor Advertising Films,  
Custom Coatings and Printing Inks.**

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](http://www.generalformulations.com) • e-mail: [gfiinfo@generalformulations.com](mailto:gfiinfo@generalformulations.com)

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