

Product Bulletin

Concept® 209

METROMARKÔ - Transit Graphics Vinyl

Page # 1

Concept® 209 is a 3.5-mil matte white flexible polymeric opaque vinyl film coated with 200-4996 removable acrylic pressure-sensitive adhesive on a 90# layflat liner with the Metromark™ logo. This film is designed to accept a variety of solvent-based inkjet and UV curable inks common to wide format digital printing systems.

- Applications** Concept® 209 is designed for temporary product markings, temporary point of purchase decals, temporary transportation advertising systems, and tri-vision indoor/outdoor billboard displays.
- Temperature Ranges** Minimum application temperature is +40°F.
Service temperature is -40°F to +180°F.
- Expected Exterior Exposure** Removable for up to one year from most smooth original equipment finishes with little or no residue remaining on the finish.
- Substrate Recommendation** Metromark™ films are designed for use on smooth, flat substrates. The product should not be applied over rivets or corrugated surfaces. Gaps between two panels must be sealed before applying Metromark™ Vinyl. Up to three layers may be applied provided the original Metromark® signage has been applied six months or less. If layering, must test adhesion of top decal to the printed surface. Some inks and clear over-prints contain slip agents that may reduce adhesion.
- Substrate Protection** Metromark™ will not damage the painted surface on stable OEM or repainted motor coach surfaces.
Note: Stable paint surface is defined as a positive paint bond between paint and paint receptive surface of at least 320 ounces per inch peel adhesion.
- Humidity Resistance** Excellent.
- Solvent Resistance** Excellent.
- Shelf Stability** 6-months shelf life when stored at 70°F and 50% relative humidity.



*Manufacturers of
Pressure Sensitive Films*

309 S. Union • P.O. Box 158 • Sparta, Michigan 49345 • (616) 887-7387 • (800)253-3664 • FAX (616)887-0537
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Page # 2

Thickness
White Opaque Vinyl Film 3.5 mils.
Removable Acrylic Adhesive .8 to 1.0 mils.
90# Layflat Release Liner 6.7 mils.
(Thickness variation +/- 10%)

Dimensional Stability
% Change
24 Hrs on aluminum @ 150 F
MD: less than 0.50.
CD: less than 0.50.

Elongation (% to Break)
ASTM D-882
MD: 110 +/-50.
CD: 250 +/-75.

Tensile Strength
ASTM D-882
psi to break
MD: 4000 +/-500
CD: 3500 +/-500

Minimum Expected Shear
PSTC-7 @ 4 psi
Room Temperature
1 hour

Adhesion Properties:
PSTC-1
24 Hr Dwell
Room Temperature
Average (Oz/ Inch Width)
Stainless Steel 16
Painted Metal** 16
Glass 10

** OEM Basecoat – Clear coat system

Product Codes
209-54 (54" X 150' roll)
209-62 (62" X 150' roll)
209-64 (64" X 150' roll)

Recommendations
Completely evaporate inkjet solvents before application. Failure to do so may facilitate solvent penetration resulting in vinyl degradation.



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