

Product Bulletin

Concept[®] 247

CLEAR FLEXIBLE POLYMERIC VINYL

Concept[®] 247 is a premium 2.4 mil polymeric gloss clear vinyl film coated with a permanent clear solvent acrylic pressure sensitive adhesive laminated to a 90# sta-flat liner. This film accepts a variety of solvent-based, UV curable and latex inks common to wide format digital printing systems. Use in applications where a high quality clear vinyl film requiring flexibility, durability and resistance to sunlight is specified.

Application

This product is recommended for indoor and outdoor uses where flexibility, durability and resistance to sunlight are required. These films can be used for fleet and vehicle graphics, architectural signage, commercial-retail signage, point-of-purchase graphics, and decals.

Concept[®] 247 can also be printed with high quality screen printing inks formulated for flexible vinyl. May also be printed by thermal imaging. Consult your ink or ribbon supplier before printing and test all ink prior to production.

Thickness

Film	2.4 mils.
Adhesive	.8 to 1.2 mils.
Liner	6.5 mils.
(Thickness variation +/- 10%)	

Temperature Ranges

Minimum application temperature	+40° F.
Service temperature	-40° F to +200° F.

Expected Life

Up to 7 years. Performance can vary depending on UV exposure.

Adhesion

Minimum 40 oz/in.
PSTC 101 Method A to stainless steel test panels.
Dwell is 24 hours at room temperature.

Solvent Resistance

Good to most petroleum oils, greases, and aliphatic solvents such as heptane, kerosene and jet fuel.

Water Resistance Humidity Resistance Storage Stability

Excellent.
Excellent.
One year shelf life stored at 70° F and 50% relative humidity.

Product Code:

Concept[®] 247-54 (54"x150')
Concept[®] 247-60 (60"x150')

Recommendations

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



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

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