

Product Bulletin

VFWXL-NTC-P/90# FLEXIBLE CALENDERED VINYL

A flexible 3.5-mil polymeric matte opaque vinyl film coated with a permanent acrylic pressure sensitive adhesive on a 90# lay flat liner designed for sheet printing. This vinyl film is a high quality opaque matte white with excellent outdoor durability. Adhesive 200-5002 is high performance acrylic designed to bond to a variety of substrates while offering good exterior performance.

Application

This product is recommended for outdoor and indoor uses where a high quality marking film requiring flexibility, durability and resistance to sunlight is required. These films can be used for architectural signage, commercial-retail signage, point-of-purchase graphics and decals.

Printing Processes

This material is designed to be printed with high quality screen printing inks formulated for flexible vinyl to obtain maximum exterior life. Other printing processes are possible but must be tested prior to production.

Thickness

Film 3.5 mils.
Adhesive 1.1 to 1.3 mils.
Liner 6.5 mils.
(Thickness variation +/- 10%)

Temperature Ranges

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

Expected Exterior Life

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

Adhesion

Peel

48 oz/ inch minimum
PSTC-101 Method A to stainless steel test panels.
Dwell is 24 hours at room temperature.

Shear

24 Hours minimum
PSTC-107 to stainless steel test panel
4 psi @ room temperature

Solvent Resistance

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

Water Resistance

Excellent.

Humidity Resistance

Excellent.

Storage Stability

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



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

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