Product Bulletin

Concept® 109
Scratch Resistant Vinyl
Overlay Film

A 5.0 mil clear rigid calendared vinyl film with a slight texture designed for use as a protective overlay. This vinyl overlay film should be considered as an inexpensive alternative to polycarbonate overlay. Adhesive 200-5025 is a permanent acrylic pressure sensitive adhesive formulated for exceptional clarity. This product is supplied on a 1.5 mil polyester clear liner designed to provide extremely smooth adhesive coating.

Applications

Scratch resistant vinyl is intended for use as the overlaminating film to produce mouse pads, counter mats, decal and display overlay. The adhesive is formulated to adhere to most common printing inks. However, specific formulations must be tested before use. Some inks may contain excessive flow additives that could reduce adhesion of this product. Test before production.

Thickness

Film	5.0 mils.
Adhesive	1.3 to 1.7 mils.
Liner	1.5 mils.

(Thickness variation +/- 10%)

Dimensional Stability

Good.

Temperature Ranges

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

Expected Exterior Exposure

This product is designed for interior applications.
Exterior resistance has not been determined.

Adhesion

To stainless steel 40 oz/in.
Tested according to PSTC-101 Method A with 24-hour dwell at 70°F and 50% relative humidity. Typical values. Individual values may vary.
Test thoroughly before production.

Storage Stability

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

Product Code

Concept 109

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

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