

Product Bulletin

Concept® 109

SCRATCH RESISTANT VINYL OVERLAY FILM

A 125mic 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 40gsm 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, floor 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.

Slip Resistance

Concept® 109 is classified under UL 410 for floor graphics overlay applications

Thickness

Film	125mic
Adhesive	35mic
Liner	40gsm

(Thickness variance +/- 10%)

Dimensional Stability

Good.

Durability

Concept®109 will function as a Traffic Graphic overlaminate for six (6) month under normal use.

Temperature Ranges

Minimum application temperature	+4,4°Celsius
Service temperature range	-40°C to +93°C.

Expected Exterior Exposure

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

Adhesion

To stainless steel	11 N/25mm (FTM01)
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Individual values may vary. Test thoroughly before production.

Storage Stability

One year shelf life when stored at 21°C and 50% relative humidity.

Product Series

E109-54 1,37m x 50m



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

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