



109 SERIES

SCRATCH RESISTANT VINYL OVERLAY FILM

A 125 mic 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 40 gsm 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	109 Series is classified under UL 410 for floor graphics overlay applications	
Thickness	Film	125 mic.
	Adhesive	35 mic
	Liner	40 gsm.
	(Thickness variance +/- 10%)	
Dimensional Stability	Good.	
Durability	Concept@109 will function as a Traffic Graphic overlamine 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	10,94 N/25mm
	Tested according to PSTC-101 Method A with 24-hour dwell at 21°C and 50% relative humidity. Typical values. Individual values may vary. Test thoroughly before production.	
Storage Stability	One year shelf life when stored at 21°C and 50% relative humidity.	