

# Product Bulletin

## GF 109

### Matte Textured Laminating Film

GF 109 is a 5.0 mil clear textured overlaminating film with a velvet/matte finish. This calendared vinyl overlaminate film should be considered as an inexpensive alternative to polycarbonate laminate. It has 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, 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

GF 109 is classified under UL 410 for floor graphics overlay applications

#### Thickness

Film	5.0 mils.
Adhesive	1.3 to 1.7 mils.
Liner	1.5 mils.
(Thickness variation +/- 10%)	

#### Dimensional Stability

Good.

#### Durability

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

#### 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 Codes

109-38	(38" X 150' roll)
109-51	(51" X 150' roll)
109-54	(54" X 150' roll)



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