



Surface Guard[®] PolyMask Protective Film 3179B

Technical Data

March, 2017

Product Description Surface Guard[®] PolyMask Protective Film 3179B is a high adhesion temporary protection film designed for a variety of surface protection applications.

Product Construction	Backing	Adhesive	Color	Standard Roll Sizes
	Polyethylene	Acrylic-Based	Semi-Translucent Blue*	Custom

* Contact your local SG PolyMask representative for additional information on colors.

Typical Physical Properties **Note: The following technical information and data should be considered representative or typical only, and should not be used for specification purposes.**

	Nominal Results	ASTM Test Method
Adhesion to Steel:	14oz./in. width (3.825 N/25 mm)	D-3330**
Tensile:	2500 PSI	D-882**
Elongation:	450%	D-882**
Total Tape Thickness:	3 mils (0.08 mm)	D-3653**

** ASTM test references modified per internal test methods.

- Features**
- Surface protection against dust, dirt, scratches and abrasion encountered in processing, handling, shipping and storage.
 - Stable adhesion levels resulting in good removability.
 - Transparent backing with excellent contact clarity.
 - Backing designed for good stamping and die-cutting.
 - High adhesion and coating weight will wet out on many substrates with a low surface energy.
 - Not intended for use in wet or damp application, including porous substrates recently installed with wet adhesive.

- Application Ideas**
- **Fabrics** – carpets and textiles/fabrics made from synthetic fibers with no stain release coatings.
 - **Plastics** – medium/heavy textured flat/satin-gloss.
 - **Metals** – heavy textured flat-gloss.



Surface Guard[®] PolyMask Protective Film

3179B

Application / Removal Techniques

- Avoid exposure to direct UV sunlight and moisture.
- For optimum performance, SG PolyMask Protective Films should be applied and removed at a temperature not less than 60°F (16°C).
- Surfaces should be dry and free from dirt, oil and other contaminants when film is applied.
- Protective film should be removed gradually beginning from one edge with a smooth even motion.
- It is generally suggested that 3179B not be used in metal forming applications.
- For use on natural or wool fibers, user should determine if suitable for specific application.
- Prolonged applied use of 3179B on horizontally installed carpet flooring, that will be subjected to foot or mechanical traffic should be avoided.
For these typed applications the following applied life guidelines should be followed.
- For heavy foot or mechanical traffic: Remove film after one week.
- For moderate foot or mechanical traffic: Remove film after two weeks.
- For light foot or mechanical traffic: Remove film after three weeks.

Special Application Instructions for application involving carpet and concrete/cement.

Concrete subfloors must be pretested for moisture vapor emissions prior to adhesive installations since drying/curing conditions may not be sufficient to prevent entrapped moisture vapor from the floor to pass through to the carpet's surface and interact with the protective film, possibly, causing adhesive residue and carpet discoloration. Generally available guidelines indicate that an emissions rate of less than 3.0 lbs. over 1000 sq. ft. is acceptable unless specified otherwise by the carpet manufacturer.

Obtain carpet manufacturer's instructions on moisture levels in concrete before proceeding with applying pads or wet adhesives. Follow wet adhesive manufacturer's instructions to provide adequate ventilation and drying time prior to installing the carpet. Generally available guidelines indicate that fresh air ventilation must be maintained for 48-72 hours at 65-95°F (18-35°C) @ a maximum of 65% relative humidity.

Do not use protective film over carpet or pads that have been installed with the requirement that the adhesive still be wet.

It is generally suggested that protective films not be applied to the carpet until moisture testing of concrete floor is within the carpet manufacturer's guidelines, the wet adhesive has been allowed to dry and the carpet has been installed for at least two weeks with adequate ventilation per guidelines suggested.

Storage Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H in the original carton.

Shelf Life To obtain best performance, use this product within 12 months from date of manufacture.

For Additional Information To request additional product information or to arrange for sales assistance, call toll free 1-844-232-6783. Address correspondence to: SG PolyMask, 500 Thornburg Dr., Conover, NC 28613.



Surface Guard[®] PolyMask Protective Film

3179B

Technical Information	The technical information, recommendations and other statements contained in this document are based upon tests or experience that SG PolyMask believes are reliable, but the accuracy or completeness of such information is not guaranteed.
Product Use	Many factors beyond SG PolyMask’s control and uniquely within user’s knowledge and control can affect the use and performance of a SG PolyMask product in a particular application. Given the variety of factors that can affect the use and performance of a SG PolyMask product, user is solely responsible for evaluating the SG PolyMask product and determining whether it is fit for a particular purpose and suitable for user’s method of application.
Warranty and Limited Remedy	Unless an additional warranty is specifically stated on the applicable SG PolyMask product packaging or product literature, SG PolyMask warrants that each SG PolyMask product meets the applicable SG PolyMask product specification at the time SG PolyMask ships the product. SG PolyMask MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the SG PolyMask product does not conform to this warranty, then the sole and exclusive remedy is, at SG PolyMask’s option, replacement of the SG PolyMask product or refund of the purchase price.
Limitation of Liability	Except where prohibited by law, SG PolyMask will not be liable for any loss or damage arising from the SG PolyMask product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.



SG PolyMask – By Pregis
500 Thornburg Drive SE
Conover, NC 28613
828-465-3053 (Office)
828-465-2404 (Fax)
www.sgpolymask.com

This product was manufactured under a quality system registered to ISO 9001 standards by SG PolyMask