



TBP Converting, Inc.
SG Polymask 31804



Surface Guard[®] PolyMask Protective Film

31804

Technical Data

January, 2017

Product Description Surface Guard[®] PolyMask 31804 is a very low adhesion temporary protection film designed for a variety of surface protection applications.

Product Construction	Backing	Adhesive	Color	Standard Roll Sizes
	Polyethylene	Acrylic-Based	Clear*	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:	1 oz./in. width (0.275 N/25 mm)	D-3330**
Tensile:	2500 PSI	D-882**
Elongation:	450%	D-882**
Total Tape Thickness:	3 mils (0.08 mm)	D-3652**

** ASTM test references modified per internal test methods.

- Features**
- Effective in many outdoor applications for up to 3 days.
 - Surface protection against dust, dirt and moderate abrasion encountered in handling, shipping and storage.
 - Transparent backing with SG PolyMask proprietary adhesive works for a wide variety of applications, offering excellent contact clarity, quick adhesion, repositionable and smooth removal.
 - Good conformability for hand and machine applied applications.
 - Backing designed for good stamping and die cutting.

- Application Ideas**
- **General** – LCD screens, glass, polycarbonate, high-gloss laminates.
 - **Metals** – #7 and #8 finish, highly polished stainless steel.
 - **Painted** – smooth high /mirror – gloss.
 - **Plastics** – smooth high/mirror – gloss.



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Application / Removal Techniques	<ul style="list-style-type: none">• 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.
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.
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