

# Surface Guard<sup>®</sup> PolyMask Protective Film

## 31804

### Technical Data

January, 2017

**Product Description** Surface Guard<sup>®</sup> 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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<b>Application / Removal Techniques</b>	<ul style="list-style-type: none"><li>• For optimum performance, SG PolyMask Protective Films should be applied and removed at a temperature not less than 60°F (16°C).</li><li>• Surfaces should be dry and free from dirt, oil and other contaminants when film is applied.</li><li>• Protective film should be removed gradually beginning from one edge with a smooth even motion.</li></ul>
<b>Storage</b>	Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H in the original carton.
<b>Shelf Life</b>	To obtain best performance, use this product within 12 months from date of manufacture.
<b>For Additional Information</b>	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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