

# Surface Protection Film

## 5019 A

Technical Data

January, 2017

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**Product Description**                      **SG PolyMask Surface Protection Film 5019 A**

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<b>Product Construction</b>	<b>Backing</b>	<b>Adhesive</b>	<b>Color</b>	<b>Standard Roll Sizes</b>
	Polyethylene	Acrylic	Clear transparent	Width: from 35*) mm to 2540 mm *) Limited availability only. Please contact us.

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

Adhesion to Steel:	1.9 +/- 0.5 N/cm	AFERA 4001 *
Total Thickness:	52 +/- 7µm	DIN 53370
Brake Strength:		DIN 53455
Machine Direction:	≥ 20 N/ mm <sup>2</sup>	
Transverse Direction:	≥ 15 N/ mm <sup>2</sup>	
Elongation at Break:		DIN 53455
Machine Direction:	>200%	
Transverse Direction:	>400%	

\*modified for protective films

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**General Information:**

- Before application the surface must be free from oil, fat, dust and solvents. Best to apply at room temperature between >10°C and <40°C.
  - The product should be stored at room temperature (<40°C) and relative humidity of 50%. Protect from direct UV light (sun).
  - The product should be applied and removed within 18 months after date of manufacture.
  - The product is resistant to:
    - moisture:     good
    - oil:            moderate
    - solvents:     moderate
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### Application Ideas

- SG PolyMask Surface Protection Film 5019 A is recommended for the protection of sensitive surfaces against dirt, dust and damage during processing, storage, mounting etc.
- SG PolyMask Surface Protection Film 5019 A has a high level of adhesion especially made to protect:
  - medium and rough structured surfaces
  - front plaster
  - artificial stone covering, ceramic covering
  - textile floor covering
  - PVC – surfaces (not weather-beaten)
  - varnished metallic, plastic or wooded surfaces
  - glass without UV stress
  - anodized aluminum (Eloxal), zinc, copper, steel

<b>Features</b>	<b>Advantages</b>	<b>Benefits</b>
PE backing	resistant against moisture, oil, solvents, dirt, and mechanical abrasion	prevents surface from dirt and damage
Acrylic adhesive, high adhesion level	sticks to many rough and structured surfaces, removable after use.	temporary surface protection

### 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

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