

# Surface Protection Film

## 5504 A-UV

Technical Data

January, 2017

<b>Product Description</b>	<b>SG PolyMask Surface Protection Film 5504 A-UV</b>			
<b>Product Construction</b>	<b>Backing</b> Polyethylene	<b>Adhesive</b> Acrylic	<b>Color</b> Clear transparent	<b>Standard Roll Sizes</b> Width: from 20 mm to 2540 mm
<b>Typical Physical Properties</b>	<b>Note: The following technical information and data should be considered representative or typical only, and should not be used for specification purposes.</b>			
				<b>Test Method</b>
Adhesion to Steel:		0.4 +/- 0.2 N/cm		AFERA 4001 *
Total Thickness:		56 +/- 6 µm		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

### 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
- SG POLYMASK Surface Protective Film 5504 A-UV is resistant to UV light for up to 6 months ( central European climate)



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### Application Ideas

- SG PolyMask Surface Protection Film 5504 A-UV is recommended for the protection of sensitive surfaces against dirt, dust and damage during processing, storage, mounting etc.
- SG PolyMask Surface Protection Film 5504 A-UV has a low of adhesion especially made to protect:
  - varnished surfaces
  - aluminum
  - high grade steel, high gloss
  - brass
  - plastic surfaces
  - glass

<u>Features</u>	<u>Advantages</u>	<u>Benefits</u>
PE backing	resistant against moisture, oil, solvents, dirt, and mechanical abrasion	prevents surface from dirt and damage
Acrylic adhesive, Very high adhesion level	sticks to many smooth and gloss surfaces, Removable after use.	temporary surface protection
UV stabilizer	UV resistance up to 6 months (central European climate)	Stable where UV resistance is required

### 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.

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