

Surface Protection Film

4011 A

Technical Data

January, 2017

Product Description	SG PolyMask Surface Protection Film 4011 A			
Product Construction	Backing Polyethylene	Adhesive Acrylic	Color Clear transparent	Standard Roll Sizes Width: from 35 mm to 2540 mm
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.			
				Test Method
Adhesion to Steel:		1.1 +/- .03 N/cm		AFERA 4001 *
Total Thickness:		38 +/- 4 µm		DIN 53370
Brake Strength:				DIN 53455
Machine Direction:		≥ 40 N/ mm ²		
Transverse Direction:		≥ 35 N/ mm ²		
Elongation at Break:				DIN 53455
Machine Direction:		>600%		
Transverse Direction:		>800%		

*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



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Application Ideas

- SG PolyMask Surface Protection Film 4011A is recommended for the protection of sensitive surfaces against dirt, dust and damage during processing, storage, mounting etc.
- SG PolyMask Surface Protection Film 4011A has a medium level of adhesion especially made to protect:
 - smooth metallic or plastic surfaces
 - plastic sheets like PVC, PC, Melamine
 - PVC – shapes (windows-frames, doors)
 - varnished metals sheets or cars fully cured / crosslinked varnish;
 - temporary use of the adhesive film only without temperature or UV-stress
 - high grade steel
 - varnished aluminum surfaces

<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, medium adhesion level	sticks to many high plastic or varnished 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.

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