

Surface Protection Film

7007 AB

Technical Data

January, 2017

Product Description **SG PolyMask Surface Protection Film 7007 AB**

| Product Construction | Backing | Adhesive | Color | Standard Roll Sizes |
|----------------------|--------------|----------|------------------|------------------------------|
| | Polyethylene | Acrylic | Blue transparent | Width: from 35 mm to 2600 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: | 0.7 +/- 0.3 N/cm | AFERA 4001 * |
| Total Thickness: | 70 +/- 8 µm | DIN 53370 |
| Brake Strength: | | DIN 53455 |
| Machine Direction: | ≥ 17 N/ mm ² | |
| Transverse Direction: | ≥ 11 N/ mm ² | |
| Elongation at Break: | | DIN 53455 |
| Machine Direction: | >180% | |
| Transverse Direction: | >380% | |

*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 6 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 7007 AB is recommended for the protection of sensitive surfaces against dirt, dust and damage during processing, storage, mounting etc.
- SG PolyMask Surface Protection Film 7007 AB has a medium adhesion especially made to protect:
 - smooth or slightly structured metallic surfaces
 - varnished surfaces, acrylic- and synthetic resin varnish
 - aluminum, glossy, high polished or brushed
 - aluminum anodized (Eloxal)
 - high grade steel, brushed
 - powder coated metallic surfaces
 - plastic sheets in different grades of rawness

| Features | Advantages | Benefits |
|--|--|---------------------------------------|
| 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 |

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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