



# Surface Protection Film 7007 AB

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## Product Data Sheet

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Updated : May 2001  
Supersedes : New

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### Product Description

### 3M™ Surface Protection Film 7007 AB

#### Construction

#### Backing

#### Adhesive

#### Color

#### Roll Sizes

Polyethylene

Acrylic

Blue transparent

Width: from 35 mm to 2600 mm

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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.

#### Test Method

Adhesion to Steel:

0.7 +/- 0.3 N/cm

AFERA 4001 \*

Total Thickness:

70 +/- 8 µm

DIN 53370

Breaking Strength:

Machine Direction :

≥ 17 N/mm<sup>2</sup>

DIN 53455

Transverse Direction:

≥ 11 N/mm<sup>2</sup>

Elongation at Break:

Machine Direction:

> 180 %

DIN 53455

Transverse Direction:

> 380 %

\* 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 a rel. humidity of 50 %. Protect from direct UV light (sun).
- Recommended storage time should be 6 months after date of production.
- The product is resistant to:
  - moisture: good
  - oil: moderate
  - solvents: moderate

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## Application Ideas

- 3M™ Surface Protection Film 7007 AB is recommended for the protection of sensitive surfaces against dirt, dust and damage during processing, storage and mounting etc.
- 3M™ Surface Protection Film 7007 AB has a medium level of 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

<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 glossy or brushed surfaces, removable after use	temporary surface protection

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Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications.

This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.



## Tapes & Adhesives

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3M United Kingdom PLC  
3M House,  
28 Great Jackson Street,  
Manchester,  
M15 4PA

### Product Information :

Tel 0870 60 800 50  
Fax 0870 60 700 99

3M Ireland  
3M House, Adelphi Centre,  
Upper Georges Street,  
Dun Laoghaire, Co. Dublin,  
Ireland

### Customer Service :

Tel (01) 280 3555  
Fax (01) 280 3509