



Surface Protection Film 8009 RX

Product Data Sheet

Updated : May 2001
Supersedes : New

Product Description

3M™ Surface Protection Film 8009 RX

Construction

Backing

Adhesive

Color

Roll Sizes

Polyethylene

Rubber

Black and white

Width: from 20 mm to 2600 mm

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: 0.9 +/- 0.3 N/cm

AFERA 4001 *

Total Thickness: 80 +/- 9 µm

DIN 53370

Breaking Strength:

DIN 53455

Machine Direction : $\geq 15 \text{ N/mm}^2$

Transverse Direction: $\geq 12 \text{ N/mm}^2$

Elongation at Break:

DIN 53455

Machine Direction: $> 250 \%$

Transverse Direction: $> 500 \%$

* 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 $>10^\circ\text{C}$ and $<40^\circ\text{C}$.
 - The product should be stored at room temperature ($<40^\circ\text{C}$) and a rel. humidity of 50 %.
 - Recommended storage time should be 6 months after date of production.
 - The product is resistant to:
 - moisture: good
 - oil: moderate
 - solvents: moderate
 - 3M™ Surface Protection Film 8009 RX is suitable for outdoor use up to 12 months (central European climate)
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Application Ideas

- 3M™ Surface Protection Film 8009 RX is recommended for the protection of sensitive surfaces against dirt, dust and damage during processing, storage and mounting etc.
- 3M™ Surface Protection Film 8009 RX has a medium level of adhesion especially made to protect:
 - smooth plastic sheets
 - varnished surfaces, acrylic- and synthetic resin varnish
 - aluminum, polished
 - high grade steel, polished
 - **not** suitable for copper and brass

<u>Features</u>	<u>Advantages</u>	<u>Benefits</u>
PE backing, black and white	resistant against moisture, oil, solvents, dirt, mechanical abrasion and UV light	prevents surface from dirt and damage, for outdoor use (12 months central European climate)
Rubber adhesive, medium adhesion level	sticks to many high smooth or polished 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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