



Surface Protection Film

3M™ Surface Protection Film 8015 RX

Technical Data

Date 09/2002

Product Description

3M™ Surface Protection Film 8015 RX

Construction

Backing	Adhesive	Color	Roll Sizes
Polyethylene	Rubber	Black and white	Width: from 35 mm to 2540 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:	1.5 +/- 0.4 N/cm	AFERA 4001 *
Total Thickness:	80 +/- 7 µm	DIN 53370
Breaking 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 a relative humidity of 50 %.
- 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
- 3M™ Surface Protection Film 8015 RX is suitable for outdoor use up to 12 months (central European climate)

Surface Protection Film

3M™ Surface Protection Film 8015 RX

Application Ideas

- 3M™ Surface Protection Film 8015 RX is recommended for the protection of sensitive surfaces against dirt, dust and damage during processing, storage, mounting etc.
- 3M™ Surface Protection Film 8015 RX has a high level of adhesion especially made to protect:
 - smooth and slightly structured metal surfaces
 - PVC window profiles
 - varnished surfaces, acrylic- and synthetic resin varnish
 - powder coated surfaces
 - aluminum, polished or slightly structured
 - anodized aluminum
 - slightly structured high grade steel
 - **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, high adhesion level	sticks to many smooth, polished or slightly structured surfaces, removable after use	temporary surface protection

IMPORTANT NOTICE TO CUSTOMER:

All statements, technical information and recommendations herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed. Please ensure before using our product that it is suitable for your intended use. All questions of liability relating to this product are governed by the terms of the sale subject, where applicable, to the prevailing law.

3M is a registered trademark of 3M Company.



European Business Center

Tape & Automotive Laboratory
Industrial Tapes & Adhesives

3M Laboratories (Europe)

Zweigniederlassung der 3M Deutschland GmbH
Carl-Schurz Str. 1, D-41453 Neuss
Telephone: +49 (2131) 14 0
Telefax: +49 (2131) 14 3454