



PROTECTIVE FILM - DATA SHEET

CARPRO300

Car-Protect300 is a transparent self-adhesive film specially designed for the protection of vehicle bodies. With its excellent shock-proofing properties it protects vehicle paint against chipping, scratches, car wash brushes etc. It evolves from the 150µm Car-Protect which was successfully tested by SERCOVAM, an independent laboratory working to Renault standards specifications for «self-adhesive vehicle protection films». The test confirms that Car-Protect fully resists:

REPORT No.

• shot blasting	:	RES 58929 A
• exposure to sunlight	:	RES 58929 B
• friction	:	RES 58929 C
• petrol spillage	:	RES 58929 D
• car wash brushes	:	RES 58929 E
• pressure washers	:	RES 58929 F

The test report is available on request.

SPECIFICATIONS:

	<u>Average values</u>	<u>Norms</u>
• Thickness (µm):	300	
• Tensile strength (N/25mm):	> 100	HEXNFX4102I
• Elongation at break (%):	> 300	HEXNFX4102I
• Dimensional stability (mm): after 168h at 70°C	0.1	HEXRET00I

LINER:

- Silicone PE paper 145 g/m².

ADHESIVE PROPERTIES:

• Peel on glass at 180° (N/25mm):		HEXFMTM00I
20 minutes after application	22	
24 hours after application	23	
• Initial tack (N/25mm):	17	HEXFMTM009
• Release (N/25mm):	0.20	HEXFMTM003

RECOMMENDATIONS:

- Protective film for vehicles
- Protects car bodies, doorsills, bumpers, headlights and wing mirrors against damage from stones, insects etc.
- Excellent protection against vandalism (scratches).
- In order to improve the quality of the product, CARPROTECT carries on its surface a protective film which should be removed before final application.
- For further information on application methods for CARPROTECT, refer to the technical bulletin on the Professionals pages of our website www.hexisgroup.com.
- In the case of painted substrates self-adhesive media must only be applied onto the undamaged original paintwork. If the paint is not the original paintwork and/or if it is damaged, the application and the removal are at the installer's risk.

SHELF LIFE:

- Shelf life (before application):
1 year when stored horizontally in a dustfree place at between +15°C... +25°C (+59°F... +77°F) at 50% relative humidity.

DURABILITY:

The durability depends on the type of substrate, the surface preparation, exposure conditions and the frequency and method of cleaning.

It is estimated that, for example, exposure facing south will divide the durability by two. The same applies to horizontal exposure. Furthermore high temperatures (over 50°C / 122°F) or pollution noticeably reduce durability.

- Vertical exposure central and northern European climate: 6-8 years.

Note:

Because of the great variety of substrates and possible application methods the installer must examine the suitability of the media for each application.

The methods of measuring for the standards quoted above are the basis for the development of our own measuring methods which are available on request (partial application). You are invited to enquire for the latest instructions in force.

All published data are based on measurements carried out regularly under laboratory conditions. They do, however, not constitute a warranty, representation or promise, express or implied as to the condition, quality, merchantability, fitness for a product, or that such product will satisfy any requirement for a specific property or capacity or special methods, all such warranties being hereby expressly disclaimed. The seller assumes no liability for claims beyond the replacement value of any product proven to be defective in material or workmanship and is in no way liable for direct, indirect, special, incidental damages or consequential loss including without limitation lost profits or loss of use, whether based on contract, tort or any other legal theory. Product specifications may change without prior notice. Our website is automatically updated: www.hexisgroup.com.