



## PROTECTIVE FILM - DATA SHEET

### CARPROTECT (150µm)

Car-Protect 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. The film 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:

	<u>REPORT No.</u>
• shot blasting :	<b>RES 58929 A</b>
• exposure to sunlight :	<b>RES 58929 B</b>
• friction :	<b>RES 58929 C</b>
• petrol spillage :	<b>RES 58929 D</b>
• car wash brushes :	<b>RES 58929 E</b>
• pressure washers :	<b>RES 58929 F</b>

The test report is available on request.

#### SPECIFICATIONS:

	<u>Average values</u>	<u>Norms</u>
• Thickness (µm):	150	
• Tensile strength (N/25mm):	> 100	HEXNFX4102I
• Elongation at break (%):	> 350	HEXNFX4102I
• Dimensional stability (mm): after 168h at 70°C	0.1	HEXRET00I

#### LINER:

- Silicone PE paper 145 g/m<sup>2</sup>.

#### ADHESIVE PROPERTIES:

• Peel on glass at 180° (N/25mm):		HEXF <sup>TM</sup> 001
20 minutes after application	19	
24 hours after application	21	
• Initial tack (N/25mm):	14	HEXF <sup>TM</sup> 009
• Release (N/25mm):	0.20	HEXF <sup>TM</sup> 003

## **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](http://www.hexisgroup.com).

## **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:**

The wide range of glazing available and regular innovation oblige the user to consider the suitability of the product for each application. When in doubt, request an expert evaluation of the compatibility of film and glass.

The information published is based on regular laboratory controls. However, it does not constitute a binding guarantee. The vendor declines liability for indirect damage, taking responsibility only for the competitive price of these products. Product specifications may change without prior notice.

Our website is automatically updated: [www.hexisgroup.com](http://www.hexisgroup.com).