



DATA SHEET PROTECTIVE FILM

CARPRO150B

CARPRO150B is a clear self-adhesive film with gloss finish specially designed for the protection of vehicle bodies. With its excellent shock-proofing properties it protects vehicle paint against chipping, insects, scratches, minor dents, 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 shows that CARPRO150B fully resists:

		<u>REPORT No.</u>
• 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 reports are available on request.

CHARACTERISTICS OF THE FILM:

	<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	0.2	HEXRET00I

LINER:

- Siliconed PET liner 120µm

ADHESIVE PROPERTIES:

(Average values measured at the time of editing the technical data sheet)

• Peel on glass at 180° (N/25mm):		HEXFTM00I
20 minutes after application	21	
24 hours after application	22	
• Initial tack (N/25mm):	20	HEXFTM009
• Release (N/25mm):	0.3	HEXFTM003

ADHESIVE:

- Acrylic solvent-based
- Immediate and permanent adhesion, optimum after 24 hours of contact

USAGE GUIDE:

- Recommended minimum application temperature +10°C (+50°F). Preferably apply at between +15°C and +35°C (+59°F and +95°F).
- Exposure temperature range: -40°C to +90°C (-40°F to 194°F)
- Wet application.
- Apply on clean surfaces free of any traces of pollutants (dust, grease, wax, silicone...).

Pay particular attention to cleaning of angles and the edges of the target surfaces to allow the film to adhere well to the surface.

- 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.

Because of the composition of clear films an application on light coloured surfaces (white...) may result in a difference between the colour of protected and the non-protected areas.

RECOMMENDATIONS FOR USE:

- Conformable film developed for the protection of vehicle bodies, door sills, front and rear bumpers and painted rear view mirror cases against chipping due to grit, insects.
- Excellent protection against vandalism (scratches).
- To make application easier HEXIS carries a line of accessories with different types of squeegees, from very soft to very hard ones (plastic or felt).
- For further information on application methods for CARPRO150B, refer to the application guide on the Professionals pages of our website www.hexisgroup.com under Protective Films.

STORAGE:

- Shelf life (before application):
1 year if stored in its original packing at a temperature between +15°C and +25 °C (+59 °F to +77 °F) at 50 % relative humidity in a horizontal position in a dustfree environment.
- Due to the diversity of storage and transport conditions certain surface effects may occur. Since they disappear under heat, HEXIS is not liable for such imperfections.

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, south-facing exposure 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.