

HX30SCHOOB

PRODUCT DESCRIPTION:

90-µm, high-performance, multi-layered, cast films, which are coated with a pressure-sensitive, solvent-based, acrylic adhesive. Structured adhesive for faster application and air evacuation. Specially designed for temporary vehicle wraps. Their relative conformability enables you to cover certain curved or 3D-textured (weldings and rivets) surfaces. Gloss surface finish with mirror effect.

FILM FEATURES:

• Thickness	(Indicative value) 90 µm (3.5 mil)	
• Tensile strength	(Average values) min. 15 N/25 mm	Method HEXNFX41021
• Elongation at break	(Average values) min. 90 %	Method HEXNFX41021
• Shrinkage 168 hours at 70 °C (158 °F)	(Average values) < 0.4 mm	Method HEXRET001

LINER:

- Clear PET film, surface protection.
- 100-µm, embossed, silicone-coated PET liner.
- Stable under hygrometric variations

ADHESIVE PROPERTIES:

• Peel strength test at 180° ; Measurement support glass	(Average values)	Method
after 20 minutes of application	15 N/25 mm	HEXFMT001
after 24 hours of application	(Average values) 18 N/25 mm	Method HEXFMT001
• Initial tack	(Average values) 19 N/25 mm	Method HEXFMT009
• Release	(Average values) 0.3 N/25 mm	Method HEXFMT003

ADHESIVE:

- Solvent-based acrylic adhesive.
- Structured adhesive for faster application and air evacuation.
- Immediate and permanent adhesion, optimal after 24 hours of contact.

USER'S INSTRUCTIONS:

- Dry application method

It is mandatory to use the so-called «dry» application method with this film, due to its HEX'PRESS liner. This technology means you can easily reposition the film on the substrate during application, while not excluding the squeegeeing step for optimal adhesion of the film to the substrate.

- Recommended minimum application temperature: +20 °C (+68 °F) Apply preferably between 20 °C and 25 °C (+68 °F and +95 °F).
- Operating temperature range: -40 °C to +90 °C (-40 °F to +194 °F)
- Prior to any application of Super Chrome film to a vehicle equipped with a driver assistance system such as a lane-change assistant, run a test to verify the compatibility between the film and the assistance system.

HEXIS decline any responsibility in the case of malfunction of one of these driver assistance systems if the vehicle sensors have been covered with Super Chrome film.

- Prior to any film application to a substrate prone to degassing, it is the responsibility of the prescriber and applicator to verify the compatibility between the film and the substrate and to carry out an optimal substrate degassing (in the case of synthetic glass such as PMMA, polycarbonate, etc.). The applicator is liable for any appearance of bubbles due to substrate degassing.

Caution: The surface of the Super Chrome film is protected by a protection film. This protective film must be removed right before cutting or applying.

- Gloves (GANTSCOV) must be worn for handling the film after removal of the surface protection film.

Super Chrome films are fragile and sensitive to scratching or marking.

- Relatively conformable product, suitable for devices on wheels and vehicles only.
- Computer-aided cutting is at the customer's judgement and must be subject to a feasibility test prior to any project realisation. For this purpose, a new blade should be used.
- The film must only be applied by a qualified professional.
- The film must be thoroughly inspected after removal of the surface protection and before removal of the HEX'PRESS liner.

HEXIS absolve themselves from any liability in the case of complaints made after the report of an appearance flaw (scratches, bubbles, matt area...) produced during removal of the HEX'PRESS liner or renewed cutting and winding of the film.

- Cut the film to the size of the part to be wrapped, allowing +10 cm (4 in.) of extra margin.
- The roll must be closed immediately and properly (Tiro) after use.

The remaining film must be stored on its original core to allow the film to keep an optimal aspect.

- It is recommended to remove all removable components (those that might hinder the application: covers, strips, indicator lights, etc.).
- The application surface must be clean, dry, smooth, non-porous and free of any traces of oil, grease, wax, silicon or components obtained via nanotechnology processes.

HEXIS absolve themselves from any liability in the case of complaints made if lifting of the film occurs following the failure to respect the cleaning instructions for the substrate described in the Application Guide available on the «Professionals» pages, category «Wrap vinyls», on our site www.hexis-graphics.com.

- To enhance the surface sliding of the squeegee on the film while limiting the risk of scratches during application, it is highly recommended to spray our application liquid MAGICSPRAY on the squeegee surface covered with new felt.
- For all already painted substrates, apply only to original, undamaged, correctly prepared paintwork, or on paintwork that matches the manufacturer's quality requirements and specifications. This type of paintwork must be dried and entirely degassed at the time of wrapping.

HEXIS absolve themselves from any liability for applications done on non-conforming or incompatible substrates.

- Heating temperature of the film during application procedures: +30 °C to +40 °C (+86 °F to +104 °F).
- Maximum acceptable deformation: 20 %.

Given their composition, Super Chrome films can undergo a slight and irreversible alteration of their appearance (whitening, loss of gloss, etc.) if the films are stretched / deformed beyond their limit. This type of defect is not covered by the HEXIS warranty.

- As much as possible, make the finishing cuts around 3 mm (0.12 in.) wider than the surface to be wrapped. Then apply the surplus film to the adjacent or opposite sides, under the seals and strips, etc.

This procedure aims to limit the risk of the product peeling off, caused by the mechanical constraints exerted on the edges of the film.

- Carry out a finishing cleaning procedure of the totality of the covering, using the product SHAGRELOAD and a microfiber cloth in order to remove any impurities that may have been deposited during application of the film, taking care to not focus too heavily on the edges.
- Super Chrome films get dirty more easily than other gloss PVC films. This type of film requires a more gentle and more thorough cleaning than any other film with, depending upon the case, a natural sponge or microfiber cloth, water or the ProTech® products distributed by HEXIS.

Caution: Wait 92 hours after application, for optimal adhesion, before carrying out the first cleaning procedure with water.

HEXIS absolve themselves from any liability for cleaning procedures performed with products with undetermined additives, high pressure or automatic cleaning equipment, or any methods not specifically approved by HEXIS in writing.

OPERATING RECOMMENDATIONS:

- To prevent any risk of film lifting, it is recommended to reinforce the borders:
- of the straight or slightly curved cuttings of the Super Chrome film using RSSEAL sealing tape strips.
- of the complex shapes (such as flames) with patches of glossy BODYFENCE film that cover the entire cutting.

Due to the difference in gloss between the Super Chrome film and the RSSEAL sealing tape or BODYFENCE patch, demarcations may be more or less visible. HEXIS advise you to carry out a visual assessment test on a reference film sample prior to any border reinforcement.

- Recommendations (whenever possible): Sunlight and prolonged exposure to weathering and pollution may provoke ageing of the film⁽¹⁾. A vehicle wrapped with Super Chrome film must be protected from bad weather (rain, dew...) as often as possible: during the day, park in the shade; at night, park the vehicle in a closed garage (otherwise, cover the vehicle with a loose protective cover).
- The colour of the films is controlled by HEXIS in order to ensure faithful reproduction of their colour tints. Nevertheless, in the case that your project requires the use of several rolls of the same colour reference, HEXIS recommend using only a single batch number of each reference.
- For each project, a sample (size: approximately A4 format) of each roll must be archived.

HEXIS reserve the right to refuse any client complaint for which the client is unable to provide the unused samples of the film (suspected of non-conformity).

- For further information on the application method of the Super Chrome films, please refer to its Application Guide available under the «Professionals» heading, in the «Wrap vinyls» category on our website www.hexis-graphics.com.

STORAGE:



Storage period before use
2 years



Storage temperature
+15 °C to +25 °C (+59 °F to +77 °F)



Relative humidity during storage
with relative humidity between 30 % and 70 %



Storage method before use
in its unopened original packaging

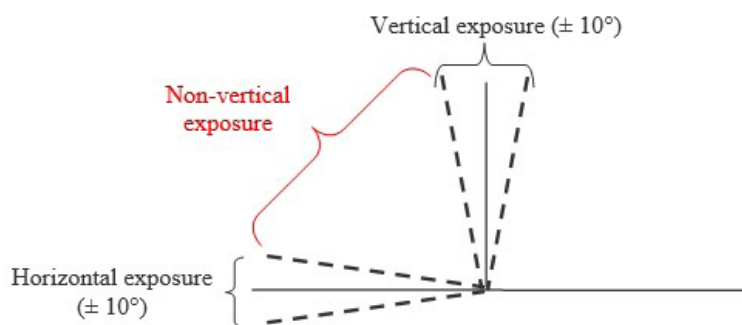
DURABILITY: CENTRAL EUROPEAN CLIMATE

- Vertical outdoor exposure, uncleaned film: up to 1 year.
- Cleaned film: dependent on the method and frequency of the cleaning.
- The results indicated above are obtained specifically in vertical ($\pm 10^\circ$) outdoor exposure.
- Other positions accentuate climatic influences and an alteration in gloss or colour, or even a slight dusting may appear. Application to the vehicle bonnet is particularly severe, due to the horizontal exposure and the heat from the engine.
- The pigmentation (colour) of the PVC affects the stability duration of the dyes. An estimate of such a durability is confirmed by accelerated UV ageing and by natural outdoor weathering.
- To estimate the durabilities for non-vertical exposure, divide the durabilities by the factors given in the table below.

Exposure	Dividing factor ⁽²⁾ Central European climate
Non-vertical exposure	2
Horizontal exposure ($\pm 10^\circ$)	2,8

Chart : Dividing factor

DURABILITY: CENTRAL EUROPEAN CLIMATE



- The real durability of a product depends on a large number of parameters, including, among others, the quality and preparation of the substrate, exposure (environment, climate, exposure angle), graphics maintenance, and degree of pollution.

To find the indicative durabilities of the films for any other exposure and geographical area, please refer to the «Conversion rules for indicative durabilities according to geographical area» chart available under Durability, on the «Professionals» pages on our site www.hexis-graphics.com.

CERTIFICATION:

Fire-smoke classification



Fire-smoke classification standard

EN 13501-1

NOTES:

(1) If an important degradation of the film (due to prolonged exposure to sunlight, weathering, polluting agents) appears (discolouration, powdering, tanning...), it must be removed immediately from the vehicle in order to avoid any damage to the underlying paintwork.

(2) The indications of durability noted in this document do not constitute a binding guarantee. They are an estimate of the time during which the film retains a correct surface finish, from a conventional viewing distance.

A slight and gradual change in colour and gloss is a natural and inevitable phenomenon inherent in the natural breakdown of the materials.

Due to the great variety of substrates and the growing number of new applications, the installer must check the suitability of the medium for each application. The measuring methods for the standards quoted above served as the basis for the development of our own measuring methods, which are available on request. Please feel free to contact us to get the latest instructions in use. All of the published information is based on measurements regularly performed in the laboratory. The published information does not however constitute a binding guarantee. The seller cannot be held liable for indirectly related damages and assumes no liability for claims that are higher than the replacement value of the purchased product. All specifications are subject to potential changes without prior notice. Our specifications are automatically updated on our website www.hexis-graphics.com.