BFBLACK


BLACK

PRODUCT DESCRIPTION:

BFBLACK is a glossy, black, adhesive-coated film, which is self-healing at ambient temperature and specially developed for protecting a car's bodywork. Its excellent shock-absorbing properties protect your bodywork against marks caused by stone chips, car doors, insect stains, scratches from washing brushes, etc.

FILM FEATURES:

• Total thickness (film + adhesive)	(Indicative value) 180 µm (7.1 mil) ± 10 %	
• Tensile strength	(Average values) > 100 N/25 mm	Method HEXNFX41021
• Elongation at break	(Average values) > 350 %	Method HEXNFX41021
• Shrinkage 168 hours at 70 °C (158 °F)	(Average values) < 0.2 mm	Method HEXRET001

LINER:

- Silicone-coated PET liner.

ADHESIVE PROPERTIES:

(Measured average values at publication of the technical data sheet)

• Peel strength test at 180° ; Measurement support glass		
after 20 minutes of application	(Average values) 11 N/25 mm	Method HEXFTM001
after 24 hours of application	(Average values) 12 N/25 mm	Method HEXFTM001
• Initial tack	(Average values) 10 N/25 mm	Method HEXFTM009
• Release	(Average values) 0.2 N/25 mm	Method HEXFTM003

ADHESIVE:

- Solvent-based acrylic adhesive.
- Immediate and permanent adhesion, optimal after 24 hours of contact.

USER'S INSTRUCTIONS:

- Wet application method
- Minimum application temperature: +10 °C (+50 °F) Apply preferably between +15 °C and +35 °C (+59 °F and +95 °F).
- Operating temperature range: -40 °C to +90 °C (-40 °F to +194 °F)
- Self-healing properties of the film at ambient temperatures: This phenomenon of reabsorbing scratches accelerates especially as the temperature increases.
- Cut the film to the size of the part to be wrapped, allowing +10 cm.

The remaining film must be stored on its original core (do not cut the rolls into several lengths or widths, do not repackage the product); the roll must be closed immediately and properly (masking tape or roll-collars) after use in order to preserve all its qualities.

- Apply to a surface that is clean and free from any traces of contaminants (dust, grease, wax, silicone, etc.).

Particular care must be taken to clean the angles and periphery of the glass surfaces in order to enable the film to adhere properly to the surface.

- In the case of an already painted substrate, apply to undamaged original paintwork only. If the paintwork is not original and/or damaged, the application and the removal are at the judgement and risk of the installer.

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OPERATING RECOMMENDATIONS:

- Conformable product developed for protecting bodywork, underbody, painted bumpers and rear-view mirror casings against chips caused by stones, insects and scratches.
- Excellent protection against vandalism (key scratches).
- To facilitate application, HEXIS have several types of squeegees in their range of accessories, ranging from softer to harder (plastic or felt).
- For more information on the application method of the BFBLACK film, please refer to its Application Guide available under the «Professionals» heading, in the «Solar and safety films" category on our website www.hexis-graphics.com.

STORAGE:

Storage period before use
1 year

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

Relative humidity during storage
with relative humidity of 50 %

Storage area
in a dust-free environment

Storage method before use
in its original packaging

Orientation of rolls before use
vertically

DURABILITY: CENTRAL EUROPEAN CLIMATE

- Vertical exposure: up to 7 years.
- Horizontal exposure: up to 3 years
- Lifespan depends on the type of substrate, substrate preparation, exposure conditions and nature and frequency of the cleaning.

For instance, it is estimated that a south-facing exposure (in the northern hemisphere) will divide the durability by two. The same applies to a horizontal exposure. In addition, elevated temperatures (above +50 °C) (+122 °F) or pollution significantly reduce this durability.

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.

NOTES:

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. In case of doubt, request an expert evaluation of the compatibility of the film and the glass in question. 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.

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