

#### **MAT CARBON FIBER FILM**



# 3D vervormbaar Realistisch carbonpatroon Unieke mat-satijnen toplaag Geen textuur maar glad zoals écht carbon

Écht carbon fiber is een superlicht en bijzonder sterk composiet dat in sportwagens en supercars wordt gebruikt. De 2K (2 componentenhars) houdt de geweven carbonmatten bij elkaar. Carbon wordt bij supercars en sportwagens verwerkt in een glanzende en matte versie.

SOTT heeft hier goed naar gekeken en heeft twee zeer realistische carbon fiber wrapfolies in het programma: een glanzende versie en een matte. Op deze pagina wordt de matte versie belicht, Hier is ie: Elemento-6 STEALTH,

De matte versie is niet zomaar mat. De toplaag geeft het effect weer als of geweven carbon matten in het hars gegoten zijn. De 'shine' is bijzonder en evenaart het echte matte carbon fiber van supercar merken als Lamborghini, Pagani, Mc Laren enz.

De hoogwaardige gegoten PVC film is opgebouwd uit 6 lagen en met een dikte van 100 micron volledig 3D vervormbaar om zowel convexe als in concave substraten. Gefabriceerd in Europa.







- 100 micron gegoten PVC film
- Opgebouwd uit 6 lagen
- Rekvermogen 190%
- 3D vervormbaar
- Formaat: 152cm x 22,85m
- Herpositioneerbare low tack lijmlaag met airchannel













Foto: Obsessive Wraps, Roemenië.

Foto: Black Box Richter, Oostenrijk

Foto: Nord Dekor, Duitsland

Foto: DesignLab, Japan





#### DISTRIBUTEUR VOOR DE BENELUX:

## SUTT

#### **TECHNICAL DATA SHEET**

SOTT-PRODUCTS.COM



High Performance Cast PVC film

### **Elemento-6**<sup>TM</sup> **MATTE**

Part No. 1917S

multilayered cast - repositionable adhesive with air channels (AS™ system)

#### **PRODUCT INFO**

The SOTT Elemento-6™ STEALTH is a high-quality cast PVC film with realistic carbon fibre pattern under a transparent top layer, creating a realistic 3D depth effect, as if real carbon fibre had been cast in two-component resin. The pattern in the film runs diagonally, but remains very stable when the film is stretched and worked. This film has high elasticity and can be used on just about any extreme form, in channels and swages. It is an excellent choice for application to car bonnets, roofs and mirrors.

SOTT Elemento- $6^{\,\text{\tiny TM}}$  STEALTH is at the technological forefront of the carwrap industry.

SOTT Elemento- $6^{\text{TM}}$  STEALTH is extremely conformable and ideal for automotive as well as industrial and marine applications.

#### APPLICATIONS

**Application**: Dry application or wet application with Right-On (Wrap-On) 600-Z0314.

Substrate Preparation: All surfaces to which the material will be applied must be thoroughly cleaned with SOTT SC-02 SurfaceCleaner 600-SC02. Ensure all traces of any contamination and cleaning agents are totally removed prior to application of the material.

Self-adhesive media should only be applied to OEM painted surfaces and their use on repaired or damaged paintwork is not recommended.

The compatibility of lacquers and paints should be tested by the user prior to the application. Use SOTT Adhesive Activator 600-AA-1400 liquid for edges and channels if better bonding is needed.

Please refer to our Application Guidelines for specific technical details for the correct application and removal of the media.

After application, all edges and stretched areas must be heat-set(post heated) at 100 -105°C.

This film as a rule is not printed. This film is available in 1.52 m wide roll.

Maintenance & Cleaning: Recommended a manual washing with non abrasive cleaner. Use SOTT Cleaners. Suggested the use mild soap and spounge, avoid to hit the edge to avoid edge lifting.

#### SHELF LIFE -

24 months, applicable only to the material delivered by SOTT which has not undergone further processing, under the following STORAGE CONDITIONS:This material must be stored at a temperature of  $22^{\circ}\text{C} \pm 2^{\circ}\text{C}$  and  $50 \pm 5\%$  of Relative Humidity. Storage area must be dry and clean. Keep the material in the original packaging when not used in order to protect it from dust and contamination. Do not expose to direct sunlight or heat source.

#### **Face Material**

Type Cast vinyl film
Colour and Finish Matte top coat

Weight 114 g/m<sup>2</sup>  $\pm$  10% -ISO-536

Thickness 100 micron (4 mil)  $\pm$  10% -ISO 534-80

24 months

Shrinkage <1 %
Tensile Strength along 14 N/mm²
Tensile Strength across 13 N/mm²
Elongation at break along 190 %\*
Elongation at break across 195 %\*
Outdoor vertical exposure durability# 48 months

Outdoor horizontal exposure durability#

#### **Adhesive**

Solvent based repositionable permanent grey adhesive, featuring low initial tack with high final adhesion value, good water resistance. Specially designed for wrapping objects with flat and smooth surfaces.

Reference: SOTT-AX44RPS Automotive-X<sup>™</sup>
Type Repositionable permanent

 Min. Appl. Temp.
 +10°C

 Service Temp.
 -20°C/+120°C

 Shear
 Very high

Tack >3 N/25mm FINAT FTM9 Final Adhesion >15 N/25mm FINAT FTM2

#### Liner

#### **CONDITIONS OF SALE**

The following is made in lieu of all warranties expressed or implied:

All statements, technical information and recommendations published by SOTT relating to ELEMENTO-6 products are based on tests believed to be reliable and within the accuracy of the equipment used to obtain the specific values. Their accuracy or completeness is not guaranteed and SOTT makes no warranty with regard thereto. Seller's and manufacturer's only responsibility shall be to replace any quantity of the product proved defective. Seller and manufacturer shall not be liable for injury, loss or damage, direct or consequential, arising out of use or the inability to use the product. Nor shall seller or manufacturer be liable for any costs or expenses incurred in the processing or printing on the product. Before using, user shall determine the suitability of the product for its intended use. User assumes all risk and liability of every nature in connection therewith. No statements or recommendations other than those contained in the technical information published by SOTT shall have force or effect unless contained in an agreement manually signed by the officers of seller and manufacturer.

\*Read: stretches 90% beyond its original size. Color may change because of stretching.

#When to apply SOTT assembly technique. Read: InstallationGuide SOTT-IG-03. An installer who is authorized by SOTT can offer 100% installation warranty.



<sup>\*</sup>Please read our Product Guideline sheet