

970

Premium Wrapping Cast**Description**

Multilayer, High Performance Cast PVC film with optimized technology standards, an outstanding dimensional stability and top-quality application characteristics. High gloss finished surface, also various colours in matt. Excellent surface resistance, even under mechanical stress.

Release paper

PE-coated silicone paper, 148 g/m²

Adhesive

Solvent polyacrylate, repositionable, permanent, transparent

Area of use

Particularly developed for complete car wrapping with highest requirements for durability and solidity. Also suitable on uneven and corrugated surfaces as well as rivets and corrugations. Good removability of the applied material with appropriate equipment.

Certificates

Colours police blue (572), police green (612) and taxi beige (809):

Exposure to Xenon light according to VW standard PV 3930 (Test Report nr. 21 05 50151 and 21 05 50201)

Technical Data

Thickness* (without protective paper and adhesive)	100 micron
Dimensional stability (FINAT TM 14)	adhered to steel shrinkage 0.1 mm max.
Temperature resistance***	adhered to aluminium, -50°C to +110°C, no variation
Sea water resistance (DIN 50021)	adhered to aluminium, after 100 h/23°C, no variation
Resistance to solvents and chemicals	at room temperature, 72h after adhesion to aluminium, short-term resistant to most oils and greases, fuels, aliphatic solvents, weak acids, salts and alkalis
Fire behaviour (DIN 75200)	adhered to steel, self-extinguishing
Adhesive power* (FINAT TM 1, after 24h, stainless steel)	18 N/25 mm
Tensile strength (DIN EN ISO 527)	along: min. 21 MPa across: min. 21 MPa
Elongation at break (DIN EN ISO 527)	along: min. 150% across: min. 150%
Shelf life**	2 years
Application temperature	> +8°C
Service life by specialist application under vertical outdoor exposure (normal climate of Central Europe, for additional specification see processing and handling instructions)	black / white: 10 years coloured / transparent: 8 years metallic: 5 years gold metallic, bronze, pyrite: 3 years

* average

** in original packaging, at 20°C and 50% relative humidity

*** normal climate of Central Europe

Note

Surfaces to which the material will be applied must be thoroughly cleaned from dust, grease or any contamination which could affect the adhesion of the material. Freshly lacquered surfaces should be dried and completely cured. The compatibility of selected lacquers should be tested by the user, prior to application of the material.

Films with matt surface are naturally more sensitive than glossy. Accordingly, these films have to be treated carefully, both during processing and cleaning. Impurities affect the appearance of matt films and require more frequent cleaning.

Furthermore the application information published by ORAFOL is to be considered. The batch traceability according to ISO 9001 is possible on the basis of the roll number.

The statements in this information sheet are based upon our knowledge and practical experience. This data is intended only as a source of information and is given without guarantee and does not constitute a warranty. Due to the wide variety of possible uses and applications customers should independently determine the suitability of this material for their specific purpose, prior to use.

