

Description

Self-adhesive polymeric cast film with a three dimensional visionary texture. Ultraleaf Cast is featured by a smooth printable surface and durable dimensional stability. Using a permanent acrylic adhesive excellent adhesion to a variety of surfaces is realized for long-term outdoor application. Available in chrome and glossy gold.

Release paper

Special silicone coated paper on one side, 135 g/m²

Adhesive

Solvent polyacrylate, permanent

Area of use

Specially developed as unique pressure sensitive film for lettering, marking and decoration of vehicles, windows and signs with highest requirements for long outdoor durability.

Technical data

Thickness* (without protective paper and adhesive)	85 micron
Dimensional stability (FINAT TM 14)	adhered to steel, shrinkage in cross and length direction 0.25 mm max.
Temperature resistance	adhered to aluminium, -65°F to +160°F (-54°C to +71°C)
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
Adhesive power* (FINAT TM 1, after 24h, stainless steel)	16 N/25 mm
Tensile strength (DIN EN ISO 527)	
along	min. 17 MPa
across	min. 17 MPa
Elongation at break (DIN EN ISO 527)	
along	min. 35%
across	min. 35%
Shelf life**	2 years
Application temperature	> +10 °C
Service life by specialist application under vertical outdoor exposure (normal climate of Central Europe)	5 years

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

Attention:

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 or painted surfaces should be allowed to dry for at least three weeks and to completely cure respectively. The compatibility of selected lacquers and paints should be tested by the user, prior to application of the material. 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.

