

ORACAL 6510 Fluorescent Cast

07/16

Description

Cast-PVC film with high visibility when illuminated by all daylight conditions. Especially effective in twilight and bad sight conditions.

Release paper

Silicone coated paper on one side, 137 g/m²

Adhesive

Solvent polyacrylate, permanent

Area of use

Designed for vehicle and bus advertising, name plates and graphics of all types which require special high impact visibility. Indoor exposure is almost unlimited. Due to the special release characteristics this quality is ideal for use in die-cut and computer-cut systems.

Printing method

Screen printing is recommended.

Technical data

Thickness* (without protective paper and adhesive)	110 micron
Dimensional stability (FINAT TM 14)	adhered to steel, no measurable shrinkage in cross direction, in length 0.3 mm max.
Temperature resistance	adhered to aluminium, -40°C to +105°C, no variation
Seawater resistance (DIN 50021)	adhered to aluminium, after 100h/23°C no variation
Adhesive power* (FINAT TM 1, after 24h, stainless steel)	16 N/25 mm
Tensile strength (DIN EN ISO 527)	
along	min. 13MPa
across	min. 13MPa
Elongation at break (DIN EN ISO 527)	
along	mind. 100%
across	mind. 100%
Shelf life**	2 years
Application temperature	min. + 8°C
Service life by specialist application under vertical outdoor exposure (normal climate of Central Europe)	1 year (not printed)

* 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 informations published by ORAFOL are to be considered.

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.



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