

ORACAL® 7510RA

Fluorescent Premium Cast

Short description

Cast PVC film with a high degree of attention thanks to its intense lighting effect in all daylight conditions. Especially effective at dawn and dusk and other poor visibility conditions. The series ORACAL® 7510 Fluorescent Premium Cast is available in the colours 029: Yellow fluorescent, 037: orange fluorescent, 038: Red orange fluorescent, 039: Red fluorescent, 046: Pink fluorescent, 069: Green fluorescent and 357: Orange red fluorescent. The colour 356 fulfils the requirements of the UNECE R70 for fluorescent material of the red fluorescent colour. The RapidAir technology enables a simple and quick adhesion, whereby the occurrence of blisters and folds in particular for large formatted applications is reduced. Air pockets can be easily smoothed out from under the film.

Front material

Cast PVC film, cast film, 0.15 mm

Liner

RaidAir paper PE-coated on both sides, siliconised on one side, 143 g/m²

Adhesive

Solvent-polyacrylate, permanent, Transparent, 0.03 mm

Recommended transfer materials

ORATAPE® HT95 Application Tape, ORATAPE® LT52 Application Tape, ORATAPE® LT95 Application Tape, ORATAPE® MT52 Application Tape, ORATAPE® MT72 Application Tape, ORATAPE® MT80P Application Tape, ORATAPE® MT95 Application Tape

Technical properties

RESISTANCE

Durability	with vertical outdoor exposure, normal Central European climate	
	3 Year(s)	Yellow fluorescent, unprinted
Shelf Life	2 Year(s)	in original packaging, at 20 °C and 50% relative humidity
Maximum shrinkage	Maximum shrinkage along 0.3 mm Maximum shrinkage across 0 mm	bonded to steel FINAT TM 14

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Elongation at break	Minimum elongation at break along 120 %	DIN EN ISO 527
	Minimum elongation at break across 120 %	
Tensile strength	Minimum tensile strength along 15 N/mm ²	EN ISO 527
	Minimum tensile strength across 15 N/mm ²	
Seawater resistance	no change	after 100h/35°C adhered to aluminum, DIN EN ISO 9227
Temperature resistance	Minimum temperature -40 °C Maximum temperature 60 °C	adhered on aluminium, central European normal climate

ADHESIVE PROPERTIES

Adhesive power	16 N/25 mm	after 24 h, on stainless steel Average value, FINAT TM 1
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PROCESSING

Application temperature	Minimum temperature 10 °C
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PRODUCT NOTE

Surfaces to which the material will be applied must be thoroughly cleaned and free from dust, grease or any other contamination that 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. The compatibility of selected lacquers and paints should be tested by the user, prior to application of the material.

IMPORTANT NOTES

All ORACAL® products are subject to careful quality control throughout the manufacturing process. It is guaranteed that the products are delivered in merchantable quality and free of manufacturing defects. The traceability of our goods in accordance with ISO 9001 is ensured by means of the roll number. The information published on ORACAL® products is based on research results which the company believes to be reliable, but which do not constitute a guarantee. Because of the wide variety of uses of ORACAL® products and the continuing development of new applications, it is the responsibility of the purchaser to carefully evaluate the suitability and performance of the product for its intended use. Furthermore, the processing instructions issued by ORAFOL must be observed. The purchaser bears all risks arising from the use of these products. All information is subject to change without notice. ORACAL® is a registered trademark of ORAFOL Europe GmbH.