

ORACAL® 8500

Translucent Cal

Short description

Translucent special PVC film with even colouring in incident and transmitted light. The reduced surface gloss of the film prevents unwanted reflections.

Front material

Polymer PVC film, 0.08 mm

Liner

One-sided siliconized kraft paper, 137 g/m²

Adhesive

Solvent-polyacrylate permanent, Transparent, 0.026 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	
	7 Year(s)	Black, white, coloured
	5 Year(s)	metallic
Shelf Life	2 Year(s)	in original packaging, at 20 °C and 50% relative humidity
Resistance to solvents and chemicals	Oils, Fuels, Weak acids, Salts and alkalis, Isopropyl alcohol, Washing suds (0.5 % household cleaner)	At room temperature
Maximum shrinkage	Maximum shrinkage along 0.4 mm Maximum shrinkage across 0 mm	bonded to steel FINAT TM 14

ORACAL® 8500

Translucent Cal

Elongation at break	Minimum elongation at break along 130 %	DIN EN ISO 527
	Minimum elongation at break across 150 %	
Tensile strength	Minimum tensile strength along 19 N/mm ²	DIN EN ISO 527
	Minimum tensile strength across 19 N/mm ²	
Temperature resistance	Minimum temperature -40 °C Maximum temperature 60 °C	Short-term exposure up to 80 °C

ADHESIVE PROPERTIES

Adhesive power	18 N/25 mm	adhered on glass, after 24 h Average value, FINAT TM 1
	16 N/25 mm	adhered on acrylic glass, after 24 h Average value, FINAT TM 1

PROCESSING

Application temperature	Minimum temperature 10 °C
-------------------------	---------------------------

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.