

ORAJET® 3930

Photoluminescent

Short description

Three-layer, light yellow, cadmium-free premium cast PVC film with glossy surface. Fulfils the requirements of DIN 67510. The afterglow effect is characterised by a particularly high initial brightness, immediately after switching off the stimulating light source. The excitation can be carried out as often as required without reducing the luminous properties of the film. Does not contain radioactive materials.

Front material

Cast PVC film, cast film, 0.15 mm

Liner

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

Adhesive

Solvent-polyacrylate permanent, Transparent, 0.028 mm

Recommends laminating films

ORAGUARD® XP279

Technical properties

RESISTANCE

Durability	with vertical outdoor exposure, normal Central European climate	
	5 Year(s)	with vertical outdoor weathering, central European normal climate; unprinted
Shelf Life	2 Year(s)	in original packaging, at 20 °C and 50% relative humidity
Maximum shrinkage	Maximum shrinkage along 0.2 mm Maximum shrinkage across 0.2 mm	Bonded to steel FINAT TM 14
Elongation at break	Minimum elongation at break along 100 %	DIN EN ISO 527
	Minimum elongation at break across 100 %	
Tensile strength	Minimum tensile strength along 12 N/mm ²	DIN EN ISO 527
	Minimum tensile strength across 10 N/mm ²	

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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

after 72 h, on stainless steel | FINAT TM 1, average value

PROCESSING**Application temperature**

Minimum temperature 10 °C

Luminance: after 10 min. – 35 mcd/m²; after 60 min. – 5 mcd/m²; DIN 67510-1:2009, average value; Decay time: 750 min. (0.3 mcd/m²), DIN 67510-1:2009, average value

PRODUCT NOTE

After printing, the ink must be allowed to thoroughly dry, in order to avoid any issues when later combined with the laminate. Surfaces to which the material will be applied must be thoroughly cleaned and free 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. The compatibility of the selected lacquers and paints should be tested by the user, prior to the application of the material. Furthermore the application information published by ORAFOL must be considered.

IMPORTANT NOTES

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