

Description

Three-layered, light yellow, cadmium-free, high-performance PVC film with a glossy surface finish. Conforms to the stipulations of German standard DIN 67510. The afterglow effect is characterised by a particularly marked initial brightness after the active light source has been switched off. This process can be repeated as often as required without the phosphorescent properties of the film being impaired. The film does not contain radioactive materials.

Release Paper

PE-silicone coated paper, siliconized on one side, 143 g/m²

Adhesive

Solvent polyacrylate, permanent

Area of use

Ideal for the indoor marking of emergency exits and danger spots.

Printing Method

Screen printing is recommended.

Technical Data

Luminous density* (DIN 67510-1:2009)	After 10 min.: 23,0 mcd/m ² After 60 min.: 3,0 mcd/m ²
Decay time* (DIN 67510-1:2009)	340 min. (0,3 mcd/m ²)
Thickness* (without protective paper and adhesive)	150 micron
Weight* (without protective paper and adhesive)	230 g/m ²
Flammability (DIN 53438 T3)	F1
Dimensional stability (FINAT TM 14)	Adhered to steel, shrinkage 0,3 mm max.
Temperature resistance	Adhered to aluminium, -40° C to +100° C, no variation
Adhesive power* (FINAT TM 1, after 24h, stainless steel)	18 N/25 mm
Tensile strength (DIN EN ISO 527)	Along: > 12 MPa Across: > 10 MPa
Elongation at break (DIN EN ISO 527)	Along: > 100% Across: > 100%
Shelf life**	2 years
Application temperature	> +8° C
Service life by specialist application*** under vertical indoor application	5 years (not printed, indoor applications)

* average ** in original packaging, at 20° C and 50% relative humidity *** normal climate of Central Europe

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. Furthermore, the application information published by ORAFOL must be considered. The batch traceability according to ISO 9001 is possible on the basis of the roll number.

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