

Descriere

Folie PVC specială, albă mată, cu coating ink-jet microporos, rezistent la apă, pe o față, imprimabilă cu majoritatea plotterelor care folosesc cerneluri pe bază de apă, pigmentate sau dye, dar și cu plotterele care imprimă cu cerneluri pe bază de ulei sau cu solvenți slabi. Are o stabilitate dimensională foarte mare, chiar și în cazul unor imprimări pe suprafețe mari.

Caracteristici

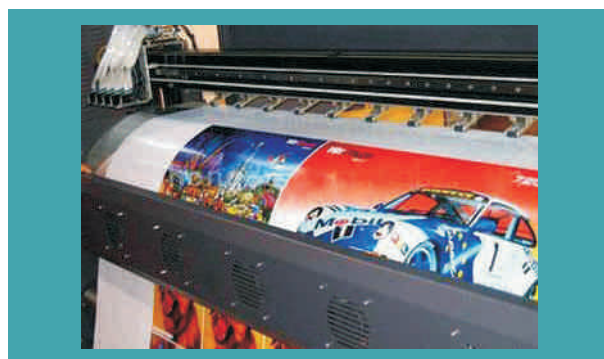
Grosime: 140 microni

Tip adeziv: poliadiclic removabil, pe bază de solvent, transparent

Durabilitate: 1 ani

Dimensiuni rola

Lățimi: 914 mm, 1070 mm, 1270mm, 1370 mm, 1520 mm
Lungime: 20 m.



Aplicații

Datorită coating-ului ink-jet rezistent la apă, imprimările sunt rezistente la exterior, pe termen scurt, chiar nelaminate. Pentru aplicații de exterior pe termen lung, este necesară laminarea, la rece, cu folii de protecție "Oraguard".

CARACTERISTICI MATERIAL		Valori/UM	
GROSIME		140μ	
GREUTATE		135 g/m ²	
STABILITATE DIMENSIONALĂ (lipit pe suport oțel)		0.4 mm	FINAT TM 14
TEMPERATURA DE UTILIZARE (pe suport aluminiu)		-30°C - +60°C	
ADERENȚĂ ADEZIV (după 24h, suport oțel inoxidabil)		18N/25mm	FINAT TM 1
REZISTENȚĂ DE RUPERE LA TRACȚIUNE	în lungime	min 19 Mpa	DIN EN ISO 527
	transversal	min 19 Mpa	
ALUNGIRE LA RUPERE	în lungime	min 130%	DIN EN ISO 527
	transversal	min 150%	
TEMPERATURA MINIMA DE APLICARE		> 10°C	
DURATA DE DEPOZITARE*		1 ani	

* EXPUNERE LA EXTERIOR PE VERTICALĂ, CLIMAT NORMAL

Description

Special PVC film high-white, matt, with one sided micro-porous waterproof inkjet coating.

Release paper

Silicone coated paper, 135 g/m²

Adhesive

Solvent polyacrylate, permanent, transparent

Area of use

For brilliant and colourful displays; Long-term protection against UV-rays and mechanical stress in combination with ORAGUARD® laminating films. In case of using dye-inks laminating is also required for indoor applications.

Edge-trimmed lamination possible, however, sealing of the edges necessary in extreme stress (e.g. car wash).

Printing method

Waterbased inkjet printing, dye, oil based, mild solvent and pigmented inks

Recommended printers

Look at www.orafol.de for recommended inkjet printers

Technical data

Thickness* (without protective paper and adhesive)	140 micron
Dimensional stability (FINAT TM 14)	adhered to steel, no shrinkage in cross direction, in length 0.4 mm max.
Temperature resistance	adhered to aluminium, -30°C to +60°C, no variation
Adhesive power* (FINAT TM 1, after 24h, stainless steel)	18 N/25 mm
Tensile strength (DIN EN ISO 527) along across	min. 19 MPa min. 19 MPa
Elongation at break (DIN EN ISO 527) along across	min. 130% min. 150%
Shelf life**	1 year
Application temperature	min. +10°C

* average

** in original packaging, at 20°C and 50% relative humidity

Attention:

After printing the ink must be thoroughly dry in order to avoid any affect on the later combination with the laminate. 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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