

Descriere

Folie PVC de înaltă performanță, neagră, cu suprafața lucioasă. Folia, prin utilizarea unor plastifianți polimerici nemigratori, speciali și a stabilizatorilor de raze ultraviolete, asigură o rezistență maximă la acțiunea luminii și la intemperii. Acest tip de folie poate fi foarte ușor decupată pe cutter-plotter.

Caracteristici

Grosime: 70 microni

Tip adeziv: poliacrilic permanent, pe bază de solvent

Durabilitate: până la 7 ani

Dimensiuni rolă

Lățimi: 1220 mm,
Lungime: 50 m.



Aplicații

Special creată pentru realizarea inscripțiilor, marcajelor și simbolurilor de lungă durată pe plăcuțe indicatoare, semne de circulație, marcaje de avertizare și a panourilor de informare de orice fel, a căror suprafețe reflectoare sunt realizate din folii reflectorizante ORALITE®.

CARACTERISTICI MATERIAL		Valori/UM	
GROSIME		70μ	
GREUTATE		145 g/m ²	
STABILITATE DIMENSIONALĂ (lipit pe suport oțel)		0.2mm	FINAT TM 14
TEMPERATURA DE UTILIZARE (pe suport aluminiu)		-50°C - +90°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*		2 ani	
DURABILITATEA APLICAȚIEI**		7 ani	

* ÎN CUTIA ORIGINALĂ, LA 20°C ȘI UMIDITATEA AERULUI DE 50%

** EXPUNERE LA EXTERIOR PE VERTICALĂ, CLIMAT NORMAL

ORALITE®

5071 LETTERING FILM

Technical data sheet

05/10

Page 1 of 1

Description

ORALITE® - Lettering film Series 5071 is a black high-performance PVC film with a glossy surface, which thanks to the use of special polymeric, non-migrating plasticizers and UV stabilizers guarantee maximum light fastness and weathering resistance.

Release paper

PE-coated silicone paper, 145g/m².

As the product and batch number are applied to the silicone-coated paper, all production parameters and raw materials can be completely traced back.

Adhesive

Solvent polyacrylate, permanent

Area of use

The ORALITE® - Lettering film Series 5071 was especially developed for use on cutting plotters to produce long-term lettering, markings and symbols on traffic control and guidance signs, warning signs and information signs of any kind the reflective surfaces of which are made of ORALITE® - reflective films.

Technical data

Thickness* (without protective paper and adhesive)	70 micron
Dimensional stability (FINAT TM 14)	adhered to steel, no measurable shrinkage in cross direction, in length 0.2 mm max.
Temperature resistance	adhered to aluminium, -50°C to +90°C
Seawater resistance (DIN 50021)	adhered to aluminium, after 100h/23°C no variation
Resistance to solvents and chemicals	with expert application resistant to most oils, grease, fuels, aliphatic solvents, weak acids, salts and alkalis
Resistance to cleaning agents	adhered to aluminium, 8h in washalcalics (0,5% household-cleaning agents) at room temperature and 65°C, no variation
Fire behaviour (DIN 75200)	adhered to steel, self-extinguishing
Adhesive power* (FINAT TM 1, after 24h, stainless steel)	18 N/25mm
Tensile strength (DIN 53455) along across	min. 19 N/mm ² min. 19 N/mm ²
Elongation at break (DIN 53455) along across	min. 130% min. 150%
Shelf life**	2 years
Application temperature	min. +10°C
Service life by specialist application under vertical outdoor exposure (standard central European climate)	7 years

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

Attention:

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.

Furthermore the application information published by ORAFOL is 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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