

Descriere

Folie polimerică din PVC, disponibilă în culorile alb, negru și transparent cu suprafața mată sau lucioasă. Este o folie imprimabilă serigrafic, offset UV sau flexografic și decupabilă pe plotter. Are o foarte bună stabilitate dimensională ce permite multiple trageri fără a suferi deformări sesizabile ale suprafeței, chiar și în cazul unui grad mare de acoperire cu cerneală.

Caracteristici

Grosime: 100 microni

Tip adeziv: poliadicric removabil, pe bază de solvent

Durabilitate: 7 ani



Dimensiuni coală

Lățimi: 700 mm,
Lungime: 1000 mm,

Dimensiuni rolă

Lățimi: 1000 mm, 1260 mm
Lungime: 50 m.

Aplicații

Pentru aplicații de exterior, de mari dimensiuni, unde se cere o rezistență de lungă durată în exterior și o calitate foarte mare a imprimărilor serigrafice. În special se pretează la inscripționări pe autovehicule și mijloace de transport în comun.

| CARACTERISTICI MATERIAL | | Valori/UM | |
|---|-------------|----------------------|----------------|
| GROSIME | | 100μ | |
| GREUTATE | | 135 g/m ² | |
| STABILITATE DIMENSIONALĂ (lipit pe suport oțel) | | 0.2 mm | FINAT TM 14 |
| TEMPERATURA DE UTILIZARE (pe suport aluminiu) | | -40°C - +90°C | |
| ADERENȚĂ ADEZIV (după 24h, suport oțel inoxidabil) | | 20N/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 | | >+8°C | |
| DURATA DE DEPOZITARE* | | 2 ani | |

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

ORACAL

1050 High Performance Vinyl

07/16

Description

High performance PVC film, which ensures excellent light-fastness and weather resistance. Surface glossy (G) in black, white and transparent and matt (M) in black and white.

Release paper

Silicone coated on one side, 135 g/m².

Adhesive

Solvent polyacrylate, permanent

Area of use

For lettering, marking, and decoration with highest requirements for durability and service life. Particularly suited for high quality vehicle and public transport system advertising.

For use on cutting plotter systems and for high-quality screen printing.

Printing method

Screen printing, UV-offset printing and flexoprinting are recommended.

Technical data

| | | |
|--|---|--|
| Thickness* | (without protective paper and adhesive) | 100 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, -40°C to +90°C, no variation |
| Seawater resistance | (DIN 50021) | adhered to aluminium, after 100h/23°C no variation |
| Resistance to solvents and chemicals | | at room temperature, 72h after adhesion to aluminium, resistant to most mineral oils and fats, fuels, aliphatic solvents, mild acids, salts and alkalies |
| Fire behavior | (DIN 75200) | adhered to steel, self-extinguishing |
| Adhesive power* | | 20 N/25 mm |
| (FINAT TM 1, after 24h, stainless steel) | | |
| Tensile strength | (DIN EN ISO 527) | |
| along | | min. 19 MPa |
| across | | min. 19 MPa |
| Elongation at break | (DIN EN ISO 527) | |
| along | | min. 130% |
| across | | min. 150% |
| Shelf life** | | 2 years |
| Application temperature | | min. +8°C |
| Service life by specialist application | | |
| under vertical outdoor exposure (normal climate of Central Europe) | | |

* 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. 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.



ORAFOL Europe GmbH - Am Biotop 2 - D 16515 Oranienburg
Telefon: +49 (0) 33 01/864 0 - Telefax: +49 (0) 33 01/864 100
E-Mail: verkauf@orafol.de - Internet: <http://www.orafol.d>