

ORALITE® 5095

Anti-Graffiti Film

ORALITE® 5095 Anti-Graffiti Film is a transparent fluoropolymer film specially developed to protect reflective films from graffiti. With a durability of up to 10 years, it offers effective protection for printed and unprinted ORALITE® reflective films. Cleaning of dirt should first be done with a sponge and soapy water. If this is not successful, the affected area can be cleaned with ORALITE® 5095REM Graffiti Remover. Please note the instructions on the bottle!

Areas of Application

- Traffic signs
- Construction sites
- Traffic & transportation
- Advertising & signage

Total thickness

- 0.025mm (Average value, without protective liner and adhesive)

Front material

Fluoropolymer film

Liner

Silicone paper, 143 g/m²

Adhesive

Solvent-polyacrylate

Technical properties

RESISTANCE

Resistance to cleaning agents	No change	adhered on aluminium, 8 h in detergent solution (0.5 % household detergent) at room temperature and 65 °C
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Durability	Based on experience, laminates offer the same durability such as reflective films on which they were adhered.	
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Shelf Life	2 Year(s)	in original packaging, at 20 °C and 50 % relative humidity
Resistance to solvents and chemicals	Oils, Fuels, Greases, Aliphatic solvents, Weak acids, Salts and alkalis	with professional bonding
Maximum shrinkage	Maximum shrinkage along 0.1 mm Maximum shrinkage across 0 mm	bonded to steel FINAT TM 14 bonded to steel FINAT TM 14
Seawater resistance	Tested	adhered on aluminium DIN 50021, after 100 h/ 23 °C no change
Temperature resistance	Minimum temperature -40 °C Maximum temperature 80 °C	adhered on aluminium

ADHESIVE PROPERTIES

Adhesive power	18 N/25 mm	after 24 h, on stainless steel Average value, FINAT TM 1
Adhesive	Permanent	

PROCESSING

Suitable substrate	Unprinted and printed ORALITE® films	
Application temperature	Minimum temperature 10 °C	

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PRODUCT NOTE

ORALITE® 5095 Anti-Graffiti Film can be used as a protective laminate for ORALITE® reflective films; unprinted, printed with ORALITE® print inks, or laminated with ORALITE® 5061 Transparent Film or ORALITE® 5081 Lettering Film. The surface is protected with an Application Tape for easier handling. The substrate to be bonded must be dry and free of soiling which can affect the adhesiveness of the material. During the application of the ORALITE® 5095 Anti-Graffiti Film it must be ensured that film sheets are not bonded overlapping. You can find further information on the general handling of ORALITE® films in the application information of the reflecting products. Soiling should first be removed with a sponge and soap suds. If this is not successful, the affected part can be cleaned with ORALITE® 5095REM Graffiti Remover. Please observe the information on the bottle. For other application areas the user is responsible for testing and assessing whether the product is suitable, and whether risks may arise from its use. For detailed information please use the processing notes published by ORAFOL for the respective reflective film or contact the respective representative of the ORAFOL Reflective Solutions Division. All ORALITE® products are manufactured in a production process certified in accordance with ISO 9001:2015. The batch can be traced at any time by means of the roll number.

IMPORTANT NOTES

Observe the relevant national specifications when using the ORALITE® films. ORAFOL recommends that you obtain the current specifications from your local authority and ensure that the product complies with them. For further information, please contact ORAFOL directly. All ORALITE® products are subject to thorough quality control during the entire manufacturing process. It is ensured that they are of merchantable quality and free from manufacturing defects. The information published on the ORALITE® products is based on research results which the company considers to be reliable, but which do not constitute a guarantee. In view of the wide range of applications of ORALITE® products and the continuous development of new applications, the buyer should carefully weigh up the suitability and performance of the product for the respective purpose and they bear all risks in connection with such use. All specifications may be changed without advance notice. Any warranty is excluded for applications which are not listed in the Technical Data sheet or which are not performed in accordance with the processing guidelines set out by ORAFOL. The durability of the shields depends on a multitude of factors, such as for example the selection and preparation of the substrate, compliance with the recommended processing guidelines, the geographical application area, the weather conditions as well as the maintenance of the product and the finished shield. ORAFOL does not accept any liability for defects which can be traced back to an unsuitable substrate or inadequate surface preparation. You can find comprehensive information in the warranty document under www.orafol.com. ORALITE® is a trademark of ORAFOL Europe GmbH.