

## Product Description

ORALITE® 5095 Anti-Graffiti Film is a self-adhesive transparent, specially treated fluoropolymeric film which has been developed for use on printed or unprinted retroreflective ORALITE® films. The film is used to protect against vandalism by graffiti and features a very stable and easy to clean dirt repellent surface. In addition, it protects prints made with ORALITE® 5019 UV Digital Printing Ink and the ORALITE® Traffic Sign Printer from fading.

When using ORALITE® 5095 film on ORALITE® reflective films, the photometric performance and colours at daylight continue to meet the international specifications such as EN 12899-1 (European Regulation), DIN 67520 and DIN 6171 (Germany), BS 873: Part 6 (Great Britain), NFP 98-520 (France), SN 640878 (Switzerland), ASTM D 4956 (US), JIS Z 9117 (Japan).

## Adhesive

The adhesive consists of a solvent polyacrylate, permanent pressure sensitive adhesive specially formulated for the application to ORALITE® sheeting surfaces, including digital and UV digital printed surfaces. The adhesive is protected by a release liner made of paper, silicone coated on one side with 143 g/m<sup>2</sup> weight.

## Application/Processing

ORALITE® 5095 Anti-Graffiti Film can be used as protective overlay film on ORALITE® reflective sheeting alone or applied onto printed or laminated surfaces as long as inks and laminates such as ORALITE® 5061 Transparent Film or ORALITE® 5081 Lettering Film are ORALITE® branded products. For easy handling, the film is equipped with an application tape.

The surfaces to which the material will be applied must be dry and thoroughly dried and cleaned from dust or any contamination which could affect the adhesion of the material. Freshly printed surfaces should be completely cured. An overlap of the film sheets must be avoided. The compatibility of selected inks and surfaces should be tested by the user, prior to application of the material.

Cleaning from marks or graffiti is possible with soap and a soft sponge or brush. More severe inks or paints can be removed with ORALITE® 5095REM Graffiti Remover. Please see bottle label for additional information.

For other applications the user is fully responsible for evaluating the suitability of the product, and for any risks associated with that use. Please refer to the Practical Information of the respective reflective film published by ORAFOL for full instructions or contact your ORAFOL Reflective Solutions Division representative for advice relating to the above.

**Note:** All ORALITE® products are manufactured within an ISO 9001:2015 controlled manufacturing environment and batch traceability is possible on the basis of the roll number.

## Product Data

<b>Thickness*</b> (without protective paper and adhesive)	0.025 mm (1 mil)
<b>Dimensional stability</b> (FINAT TM 14)	applied on steel, no measurable shrinking in cross direction, in length direction 0.1 mm (0.0039 in)
<b>Temperature resistance</b>	adhered to aluminium, -56° C to 90° C (-69° F to 194° F)
<b>Resistance to cleaning agents</b>	adhered to aluminium, 8h in solution (0.5% household cleaning agents) at room temperature and 65° C (150° F), no variation
<b>Adhesive power*</b> (FINAT-TM1 after 24h, stainless steel)	18 N/25 mm (1 inch)
<b>Shelf life**</b>	2 years
<b>Application temperature</b>	> +10° C (50° F)
<b>Service life by specialist application***</b> under vertical outdoor exposure	Laminates are expected to provide the same lifetime as the reflective sheeting on which it is applied.

\* average

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

\*\*\*standard central European climate



## IMPORTANT NOTICE

When using ORALITE® sheeting the relevant national specifications have to be complied with. ORAFOL recommends you obtain the current requirements from your local authority and ensure product conformance with such requirements. Please contact ORAFOL for further information.

All ORALITE® products are subject to careful quality control throughout the manufacturing process and are warranted to be of merchantable quality and free from manufacturing defects. Published information concerning ORALITE® products is based upon research which the Company believes to be reliable although such information does not constitute a warranty. Because of the variety of uses of ORALITE® products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. All specifications are subject to change without prior notice.

No warranty is given for purposes other than those listed in the Technical Datasheet or which are not processed according to ORAFOL's processing and handling instructions. The durability of the signs will depend on a variety of factors, including but not limited to substrate selection and preparation, compliance with recommended application guidelines, geographic area, exposure conditions and maintenance of the product and finished sign. Sign failures caused by the substrate or improper surface preparations are not the responsibility of ORAFOL. Please refer to the full warranty document available at [www.orafol.com](http://www.orafol.com) for detailed information.

ORALITE® is a trademark of ORAFOL Europe GmbH.