

ORALITE® 5051

Transparent Film

ORALITE® 5051 Transparent Film is a transparent overlay film specially developed for application on white reflective films of the ORALITE® 5700/5710 Engineer Grade Premium, ORALITE® 5500/5510 Engineer Grade, and ORALITE® 5300/5400 Commercial Grade series. The product offers excellent dimensional stability and optimal cutting and processing properties.

Areas of Application

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

Colours

ORALITE® 5051 is available in the following colors: Transparent (color code 000), Yellow (color code 020), Red (color code 030), Blue (color code 050)

Total thickness

- 0.05mm (Average value, without protective liner and adhesive)

Front material

High performance PVC film, cast film, 0.05 mm

Liner

PET film silicone-coated on one side, 0.1 mm

Adhesive

Solvent-polyacrylate

Technical properties

ORALITE® 5051

Transparent Film

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
Durability	with professional processing, with vertical outdoor weathering, central European normal climate	
	5 Year(s)	Laminates with ORALITE® 5019i UV inks
	7 Year(s)	Other laminates
Shelf Life	2 Year(s)	in original packaging, at 20 °C and 50 % relative humidity
Temperature resistance	Minimum temperature -40 °C Maximum temperature 80 °C	adhered on aluminium, central European normal climate

ADHESIVE PROPERTIES

Adhesive power	15 N/25 mm	after 24 h, on stainless steel Average value, FINAT TM 1
Adhesive	Permanent	

PROCESSING

Application temperature	Minimum temperature 10 °C
-------------------------	---------------------------

PRODUCT NOTE

All ORALITE® products are manufactured in a production environment certified and checked in accordance with ISO 9001:2015. The batch can be traced at any time by means of the roll number.

ORALITE® 5051

Transparent Film

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.