# **ORABOND®** 1453

## **Description**

This double-sided tape consists of a polypropylene film coated on both sides with a synthetic rubber adhesive. The adhesive has aggressive bonding, high shear strength and high ageing resistance.

## Carrier

Polypropylene film (18 micron, transparent)

#### Liner

Double-sided siliconised paper (80 g/m<sup>2</sup>, yellow)

#### **Adhesive**

Synthetic rubber

#### Area of use

This tape is especially suitable for bonding signs, plates, trims and profiles as well as closed cellular foams (e.g. cellular polyethylene and rubber) in industrial and commercial applications. Other applications include the adhesion of metal, paper and hard PVC. It has limited resistance to plasticisers and other migrating chemicals.

### **Technical Data**

Thickness* (adhesive + carrier)	140 micron	
Temperature resistance***	-40 °C to +70 °C	
Loop Tack* (FINAT TM 9)	37 N/25 mm	
Adhesive power*	52 N/25 mm after 1 min	
(FINAT TM 1, on stainless steel,	53 N/25 mm after 20 min	
one side covered with 50 micron polyester film)	54 N/25 mm after 24 h	
Shear strength*	> 72 h at 23° C	
(FINAT TM 8, on stainless steel, one side covered with 50 micron polyester film)	< 15 min at 70°C	
Temperature resistance* (S.A.F.T.)	80 °C	
Shelf life**	1 year	
Application temperature	> +15 °C	

\* average \*\* in original packaging, at 20°C and 50% relative humidity \*\*\* 1h, normal climate of Central Europe

#### **Available Liner versions**

09	Siliconised paper	(80 g/m <sup>2</sup> , white)
----	-------------------	-------------------------------

- 29 Siliconised paper (120 g/m<sup>2</sup>, white)
- K3 Double-sided siliconised polypropylene (100 micron, yellow)

## **IMPORTANT NOTICE**

All ORABOND<sup>®</sup> 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 ORABOND<sup>®</sup> 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 ORABOND<sup>®</sup> 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.

ORABOND® is a registered trademark of ORAFOL Europe GmbH.

