

Description

This double-sided tape consists of a transparent polyester film coated on both sides with an acrylic adhesive. Its highly shear resistant adhesive has excellent durability when attached to metal, varnish and high energy surfaces, and good adhesive durability when attached to low energy surfaces. It has very good resistance against UV radiation, high temperatures, chemicals, solvents and humidity.

Carrier

Polyester film (12 micron, transparent)

Liner

Double-sided siliconised paper (90 g/m², yellow)

Adhesive

Modified acrylic

Area of use

This tape is developed for demanding commercial and industrial applications where high shear strength, high adhesion and very high temperature resistance are required. It is used for the attachment of signs, covers, scales, metal and plastic films, as a fixing aid in sail production, and for attachment of bars and trims.

Certificates

The adhesive AM10 fulfils the requirements of the Code of Federal Regulations, Food and Drugs (FDA), 21 CFR Ch. I, § 175.105.

Technical Data

Thickness* (carrier + adhesive)	130 micron	
Temperature resistance***	-40° C to +160° C, short-term up to +180° C	
Resistance to solvents and chemicals	with correct application resistant to most oils, grease, fuels, aliphatic solvents, weak acids, salts and alkalis	
Loop Tack* (FINAT TM 9)	28 N/25 mm	
Adhesion* (FINAT TM 1, stainless steel, one side covered with 50 micron polyester film)	18 N/25 mm	after 1 min
	23 N/25 mm	after 20 min
	25 N/25 mm	after 24 h
Shear strength* (FINAT TM 8, stainless steel, one side covered with 50 micron polyester film)	> 600 h	at 23° C
	> 10 h	at 70° C
Temperature resistance* (S.A.F.T.)	180° C	
Shelf life**	2 years	
Application temperature	> +15° C	

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

IMPORTANT NOTICE

All ORABOND® 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® 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® 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.