

Description

ORABOND® 3331TG forms part of our AM2 range of high performance double coated tapes. This tape consists of a hard PVC film coated on both sides with a modified solvent acrylic adhesive. It has a very good resistance against UV radiation, extreme temperatures, chemicals, solvents and humidity. Its high-shear adhesive has excellent durability when attached to metal, varnish and high energy surfaces and a good adhesive durability when attached to low energy surfaces. Due to its high adhesive thickness it is also suitable for bonding rough or structured surfaces. The adhesive meets the demands of the Code of Federal Regulations, Food and Drugs (FDA), 21 CFR Ch. I (April 1, 2008 edition), § 175.105.

Carrier

Hard PVC film (38 micron, white)

Liner

Double-sided siliconised paper (90 g/m², white with green ORAFOL logo)

Adhesive

Modified acrylic

Area of use

This product is suitable for use in industrial and commercial applications, for the secure attachment of truck and car mirrors in plastic housings as well as bonding signs and extruded synthetic profiles, and for durable installation in the furniture industry. Additionally, it is used for the attachment of trims, bars and laminates to a variety of surfaces and for fixing covers and handles in the audio, household appliance and electrical industry.

Technical Data

Thickness* (adhesive and carrier)	230 micron	
Temperature resistance***	-40° C to +70° 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)	22 N/25 mm	
Adhesion*	30 N/25 mm	after 1 min
(FINAT TM 1, on stainless steel,	35 N/25 mm	after 20 min
one side covered with 50 micron polyester film)	37 N/25 mm	after 24 h
Shear strength*	> 400 hours	at 23° C
(FINAT TM 8, on stainless steel,	> 6 hours	at 70° C
one side covered with 50 micron polyester film)		
Shelf life	2 years	
Application temperature	> +15° C	

* average

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

*** 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.

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