

ORABOND® 1397 PP

2016/02

Description

ORABOND® 1397PP forms part of our AM2 range of high performance double coated tapes. It consists of a polyester film carrier, coated on both sides with a modified solvent acrylate adhesive. It has a very good resistance against UV radiation, extreme temperatures, chemicals, solvents and humidity. Its highly shear-resistant adhesive has an excellent durability when attached to metal, varnish and high energy surfaces. It has a good adhesive durability when attached to low energy surfaces. Because of its high adhesive mass it is also appropriate for rough or structured surfaces.

Carrier

Polyester film, 12 micron

Liner

Both sides siliconised polypropylene film, 80 micron, red

Adhesive

Modified solvent acrylate

Area of use

Used for the secure attachment of truck and car mirrors in plastic housings. Used as a self-adhesive medium for trims, covers and cable trunks. For the extension and splicing of paper, textiles, plastic and metal films where high shear strength and adhesion are required.

Technical Data

Thickness* (adhesive and carrier)	210 micron	
Temperature resistance***	-40° C to +160° C, for short periods up to +180° C	
Resistance to solvents and chemicals	with expert application resistant to most oils, grease, fuels, aliphatic solvents, weak acids, salts and alkalis	
LoopTack* (FINAT TM 9)	33 N/25 mm	
Adhesive power* (FINAT TM 1, on stainless steel, one side covered with 50 micron polyester film)	24 N/25 mm	after 1 min
	30 N/25 mm	after 20 min
	35 N/25 mm	after 24 h
Shear strength* (FINAT TM 8, on stainless steel, one side covered with 50 micron polyester film)	> 400 h	at 23° C
	> 6 h	at 70° C
Temperature resistance* (S.A.F.T.)	140° 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.

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VINK Plastics Spain S.L.U.

C/. Bosquerons 3, Nave 1. 08170 Montornès del Vallès. Barcelona - Spain
T. +34 935 683 961 | info@vinkplastics.es
www.vinkplastics.es

