

Description

This tape consists of a black colored, closed-cell polyethylene foam coated on both sides with a pure acrylate adhesive. This adhesive is lined with a blue paper coated on both sides with silicone and polyethylene. The pure acrylate adhesive guarantees a high final strength and is resistant to extreme temperatures, plasticizers, acids, leaches and solvents. It is inert towards different lacquers for mirrors.

Carrier

Closed-cell polyethylene foam, black colored, thickness 39.5 mil

Liner

Blue paper, both sides coated with silicone and polyethylene

Adhesive

Solvent pure acrylate

Area of use

Used for the installation of mirrors in the furniture and sanitary industry. The recommended amount of applied adhesive area per 1kg mirror weight is 60 cm². For adhesion of aluminum, steel and GRP outer skins during the construction of truck containers. For the fixing of type and capacity signs as well as displays and product prototypes in the advertising industry. For the fixing of panels and handles in the appliance and electrical industry. Ideal for use in exhibitions, conferences and interior fit-outs. This product provides an excellent bonding performance in the manufacture of solar panels offering long term exterior adhesion to aluminum and glass panels.

Technical Data

Thickness** (foam and adhesive)	43.5-mil
Density*	0.04 oz/in ³
Temperature resistance	-40°F to +203°F
Loop Tack* (FINAT TM 9)	4.57 lb/in
Adhesive power* (FINAT TM 1, on stainless steel, one side covered with 50 micron polyester film)	after 1 min: 3.65 lb/in after 20 min: 3.65 lb/in after 24 hr: 3.65 lb/in
Shear strength* (FINAT TM 8, on stainless steel, one side covered with 50 micron polyester film)	at 73°F: >1000 h at 158°F: >72 h
Shelf life**	2 years
Application temperature	+64°F
Available lengths	55-yards
Available widths (in inches)	49 slit rolls: ½, ¾, 1, 1 ½, 2, 3, 4

* average ** in original packaging, at 68°F and 50% relative humidity

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.

WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. ORABOND™ is a registered trademark of ORAFOL Europe GmbH.



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