

ORABOND™ UHB 3594 “ULTRA-HIGH BOND” TAPE

Technical Datasheet
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Description

ORABOND™ UHB 3594 Series tape consists of a grey foamed acrylic pressure sensitive adhesive designed for high performance bonding and mounting applications. The elastomeric nature of the foamed adhesive makes it ideal for applications requiring conformability and where thermal expansion differences are of concern.

Liner

5-mil release coated polyethylene, red

Adhesive

Foamed acrylic, grey

Area of use

A wide range of applications in: automotive, solar, electronic, sign and display industry.

Technical Data

Thickness* (without liner)	25-mil
Temperature resistance	-40°F to +212°F
Short term	320°F
Long term	212°F
Low temperature	-40°F
Dynamic Shear* (ASTM D 1002)	97 lb/in ² [24 hr dwell]
180° peel strength (ASTM D3330, stainless steel)	7.7 lb/in [24 hr dwell]
Tensile strength (ASTM D897, aluminium)	99.6 lb/in ² [24 hr dwell]
Shelf life	2 years
Application temperature	+50°F

*average ** original packaging, at 72°F / 50% relative humidity

Packaging Information

Core size	3 inch
Roll size	0.5" x 36-yards 0.75" x 36-yards 1" x 36-yards

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.

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