

Description

The ORABOND® UHB03025T tape consists of a clear-foamed acrylic pressure sensitive adhesive designed for high performance bonding and mounting applications requiring high shear strength and/or high temperature resistance. The viscoelastic properties of the UHB tapes allow them to balance the occurring tensions caused by different thermal expansion coefficients of bounded materials. Further, the adhesive flows into the microscopic material surfaces achieving an excellent 'wet out' and thus extremely high bonding results. The clear adhesive improves the bond line aesthetics when joining transparent materials. The material offers excellent UV-stability.

Liner

Red PE-Film (130 microns) with white ORAFOL-Logo

Adhesive

Foamed acrylic "UHB03", transparent, 250 micron

Area of use

Structural and general bonding including body panels, emblems, illuminated displays and signage.

Technical Data

Thickness* (foam + adhesive)	250 micron	
Density*	1.000 kg/m ³	
Temperature resistance***	-40° C to +150° C	
Peel strength* (ASTM D3330, stainless steel)	after 24 h	29 N/25 mm
Shear strength* (ASTM D1002, stainless steel)	after 24 h	0.54 N/mm ²
Tensile adhesion (ASTM D897, aluminium)	after 24 h	0.68 N/mm ²
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

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