

Description

The ORABOND® UHB04200G tape consists of a grey-foamed acrylic pressure sensitive adhesive designed for high performance bonding and mounting applications requiring high shear holding power 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 through an excellent 'wet out' extremely high bonding results. The material offers excellent UV-stability.

Liner

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

Adhesive

Foamed acrylic "UHB04", grey, 2000 micron

Area of use

A wide range of applications in: automotive, solar, electronic, sign and display industry. Developed originally for the automotive industry, the tape offers excellent bonding results on plastics and painted steel.

Technical Data

Thickness* (foam + adhesive)	2000 micron	
Density*	780 kg/m ³	
Temperature resistance***	-40° C to +150° C	
Peel strength* (ASTM D3330, stainless steel)	after 24 h	38 N/25 mm
Shear strength* (ASTM D1002, stainless steel)	after 24 h	0.52 N/mm ²
Tensile adhesion (ASTM D897, aluminium)	after 24 h	0.49 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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