

Description

The ORABOND® UHB03110G 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 and offers excellent UV-stability.

Liner

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

Adhesive

Foamed acrylic "UHB03", grey, 1100 micron

Area of use

A wide range of applications in: automotive, solar, electronic, sign and display industry. Very good results on bonding plastics and different metals, particularly aluminium and stainless steel. Great results on painted and powder-coated surfaces.

Technical Data

Thickness* (foam + adhesive)	1100 micron	
Density*	850 kg/m ³	
Temperature resistance***	-40° C to +160° C	
Peel strength* (ASTM D3330, stainless steel)	after 24 h	38 N/25 mm
Shear strength* (ASTM D1002, stainless steel)	after 24 h	0.62 N/mm ²
Tensile adhesion (ASTM D897, aluminium)	after 24 h	0.59 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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