

Technibond HSA(1mm) Data Sheet

A conformable white closed cell PE foam coated on both sides with a very high performance crosslinked pure acrylic adhesive, and protected by our production aid film liner.

Key Features:

- Good gap-filling between slightly uneven materials
- Very high shear strength, even at high temperatures
- Excellent long term performance
- Excellent resistance to water, most solvents and UV light
- Compatible with polycarbonate and acrylic
- Good resistance to plasticised PVC
- Easy positioning with production aid liner
- Suitable for outdoor applications

Limitations:

Like all pure acrylic adhesives, HSA requires smooth clean surfaces, warmth and firm pressure for best results, and the full bond strength may take several hours to develop. It will not bond well to low surface energy materials.

Technical Details:

Thickness	1	mm
Peel Adhesion @ 23°C	16 *	N/25mm
Peel Adhesion @ 70°C	10 *	N/25mm
Shear (AFERA) @ 23°C	40	N/625mm ²
Shear (AFERA) @ 70°C	10	N/625mm ²
Shear (PSTC) @ 23°C	1000	Hours
Shear (PSTC) @ 70°C	100	Hours
Temperature Range	-40 to + 80	°C
Min. Application Temp.	+10	°C

* foam may split first

Availability:

HSA 1mm is also available with a yellow film liner (HSA(YF)); with an easy release paper liner (HSA(SP)); and in black.

Roll widths from 6mm to 1250mm.

Roll lengths normally 50m or 100m; for other lengths please enquire.

Our technical advice is offered in good faith but without warranty. The user is responsible for testing the product under his own conditions of use and assuring himself that it is suitable for his particular purpose. This technical data was obtained under specific laboratory test conditions, and should not be used for specification purposes without prior consultation with us.

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