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Technibond
bonding industry together

Technibond
foam double sided tapes



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Key products from our extensive range to suit all requirements

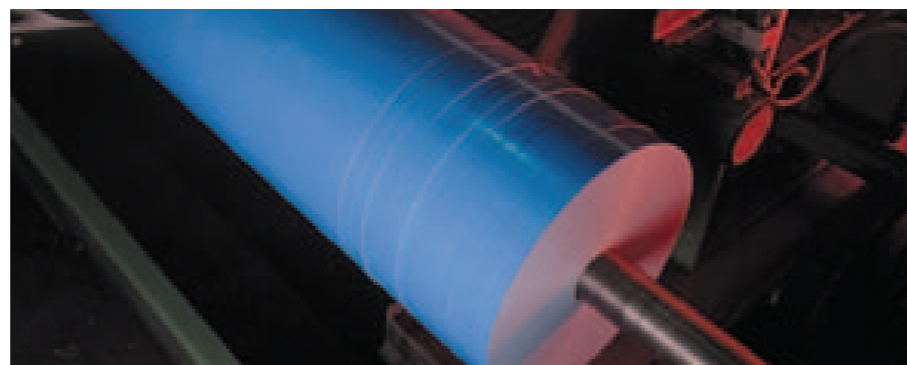
Product	Description	Foam thickness and colour	Adhesive	Temperature range °C	Shear performance	Adhesion to high energy surfaces	Adhesion to low energy surfaces	Adhesion to rough surfaces	Initial adhesion (tack)	Adhesion at low temperatures	Resistance to high temperatures	Ageing	Outdoor performance	UV resistance	Plasticizer resistance	Solvent resistance
HBA	A strong dense foam with a high coatweight of adhesive, meets many automotive specifications and is suitable for other robust applications such as metal bonding. Has our production aid film liner.	0.65mm 0.9mm Black only	Pure acrylic	-40 to +120	●	●	○	◐	◐	●	●	●	●	●	●	●
HSA	The market-leading multi-purpose high shear tape, having a strong but flexible foam and the highest performance pure acrylic adhesive. Compatible with acrylic and polycarbonate. Suitable for signs, Georgian bars and PVC door glazing. Has our production aid film liner.	1mm 1.6mm 2mm White or Black	Pure acrylic	-40 to +90	●	●	○	◐	◐	◐	◐	●	●	●	●	●
HPA	General purpose quality acrylic with remarkably well balanced performance. Used for PVC trunking, glazing applications, plastic bonding and many other applications. Film liner optional.	1mm White, 1.6mm White, 2mm White or Black	Modified acrylic	-40 to +80	◐	●	◐	◐	◐	◐	◐	◐	◐	◐	◐	◐
HTA	High Tack Acrylic on strong, flexible foam for difficult surfaces and conditions, including lower surface energies and cool temperatures. Used for commercial vehicle roof bonding and PVC door glazing. Film liner optional.	0.5mm White, 1mm 2mm 3mm White or Black	Modified acrylic	-40 to +80	◐	●	◐	◐	●	●	◐	◐	◐	◐	◐	◐
HSHT	A versatile high shear rubber adhesive suitable for most indoor applications such as cable clips, mirror mounting (tested by FIRA), hooks and dispensers. The best product for low surface energy materials.	0.8mm White, 1mm Black, 1.6mm White	Rubber	-40 to +60	◐	●	●	◐	●	◐	◐	◐	◐	◐	○	○

Acrylic Foam

See our separate **Techniflex**® brochure for a full range of the highest performance acrylic foams for the most difficult applications.

Performance key

○ Poor ◐ Medium ◑ Good ◒ Very Good ● Excellent



Surface energy

High
The chemical nature of the surface; its attractiveness or ease with which it can be wetted by an adhesive. Also known as **Surface Tension**.

High

Surface energy materials: glass, metals, paper and wood. Good results with all adhesive types; maximum bonds.

Medium

Surface energy materials: acrylic, nylon, polyester, polycarbonate, PVC and most paints. Generally good results but pure acrylics may not give full bond.

Low

Surface energy materials: polyethylene, polystyrene, polypropylene and some powder coated paints. Difficult, pure acrylics will not bond well, modified acrylics may not give full bond.

Very Low

Surface energy materials: PTFE and silicone rubber. Acrylics and rubbers will not bond, requires silicone adhesive.



A low energy surface repels liquids, so an adhesive will not easily wet out.

Full product data sheets available on request. Contact us today on: **+44 (0)1628 642800** or visit www.technibond.co.uk