

# **TECHNICAL DATASHEET**

## **Ultrabond Acrylic Foam Tape**

### **Product Description**

Ultrabond is a heavy duty adhesive system which utilises the high performance adhesive for excellent long term holding power specifically designed for permanent adhesive fixing. Ultrabond has an exceptionally high specification in terms of thermal, dynamic and chemical qualities and can often be used in place of screws, rivets, welding, clips and other permanent fasteners. The range of 6200 foam tapes are ideal for bonding a variety of substrates, including most metal, sealed wood and glass as well as many plastics, composites and painted surfaces. It is highly transparent and is therefore ideal for use with transparent material such as acrylic sheet and glass etc.

Ultrabond is available in widths from 6 mm to 400 mm and can be supplied in die cut pieces if required.

### **Areas of use**

Metal Industry, Sign Industry, Automotive Industry, Glass Industry, Electronics/Aerospace Industry and anywhere extremely high bond strength is required.

### **Technical Data**

Thickness	:	0.5mm, 1mm $\pm$ 5%
Elongation	:	1400%
Liner	:	Red P E Film
Density [kg/m <sup>3</sup> ]	:	940
Temperature Resistance	:	Short Term: 150° C Constant: 90° C
Peel Adhesion	:	49 N/25 mm after 72 hours (180 peel, 300 mm/min)
Shear Strength	:	48kg/25 mm <sup>2</sup>
Solvent Resistance	:	Excellent
Moisture Resistance	:	2 Years submersion in H <sub>2</sub> O - No Degradation

**STORAGE & SHELF LIFE:** 12 months when stored at 21°C (70°F) / 50% relative humidity out of direct sunlight.

**SURFACE PREPARATION:** It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied must be clean, dry, free of grease, oil or other contaminants.

### **IMPORTANT**

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