

FEATURES

- Roll Dimension 19mm x 33m
- Foamed Acrylic Tape
- Colour: Grey
- Soft, tacky and conformable
- Ideal for use in engineering, window and door and sign and display manufacturing
- Red PE Liner
- Acrylic adhesive
- Available in log rolls or cut to specific widths
- This tape has a shelf life of 2 years when store at an ambient temperature of 15 – 25 °C

RS PRO Structural Bonding Acrylic Foam Tape

RS Stock No.: 224-3447



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Is a 0.5mm thick acrylic foam pressure sensitive adhesive multi-purpose bonding tape grey coloured. The foam is a high density visco-elastic foam of 850kg/m³ which has exceptional bond strength and load bearing capability. These foam tapes are structural bonding tapes which can replace mechanical fixings and spot welding of metals.

The tapes have very high and low temperature performance and can take up expansion and contraction co-efficiencies of different materials at variable temperatures due to visco - elastic properties, the foams have excellent vibration, shock absorbency and anti-rattle characteristics. The tape acts as a complete water, moisture and dust seal and have very good UV resistance and long-term ageing properties.

Ideal for demanding applications that are both dynamic and static in external and internal applications in all climates. Uses and applications for bonding a wide range substrates, metals, plastics, glass, sealed wood, and composites: -

Uses for external signs, illuminated signs, and displays, windows and doors

Plastic mouldings and extrusions. Sheet metal bonding to frames, metal fabrication. Point of sales fixing

General Specifications

Item	Unit		Spec.		Test method
Total thickness	mm	in	1.1(±0.1)	0.043(±0.004)	-
Density	kg/m ³	Lb/ft ³	850	53	-
180° Peel Strength	g/25mm	lb/in	3900	8.7	ASTM-D-3330 (Stainless steel, room temp)
Tensile Strength (T-Block Test)	g/cm ²	lb/in ²	6000	85	ASTM-D-897 (Aluminium, room temp)
Dynamic Shear (after 20min)	g/cm ²	lb/in ²	4000	57	ASTM D-1002 (Stainless steel, room temp)
Dynamic Shear (after 24hrs)	g/cm ²	lb/in ²	6300	90	ASTM D-1002 (Stainless steel, room temp)
Temperature Resistance (Short Term)	°C	°F	160	320	-
Temperature Resistance (Long Term)	°C	°F	100	212	-
Low Temp. Resistance	°C	°F	-40	-40	-
UV Resistance	-	-	Good	-	-

