

FEATURES

- 12mm x 33m
- Foamed Acrylic Tape
- Colour: White
- Soft, tacky and conformable
- Ideal for use on plastics and many other surfaces
- 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 Low Surface Energy

RS Stock No.: 224-3452



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 1.1mm thick acrylic foam coated with a modified acrylic pressure sensitive adhesive white in colour. The foam is a high density visco-elastic foam of 760kg/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 tapes act 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 substrate, metals, plastics, glass, sealed wood, and composites uses for external signs, illuminated signs, and displays, reinforcing metal bars, windows and doors, automotive profiles, and trims. Plastic mouldings and extrusions. Bonding metal panels to frames.

General Specifications

Item	Unit		Spec.		Test method
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	3700	8.3	ASTM-D-3330 (Stainless steel, room temp)
Tensile Strength (T-Block Test)	g/cm ²	lb/in ²	7200	102	ASTM-D-897 (Aluminium, room temp)
Dynamic Shear (after 20 min)	g/cm ²	lb/in ²	4300	61	ASTM D-1002 (Stainless steel, room temp)
Dynamic Shear (after 24hrs)	g/cm ²	lb/in ²	6700	95	ASTM D-1002 (Stainless steel, room temp)
Temperature Resistance (Short Term)	°C	°F	150	302	-
Temperature Resistance (Long Term)	°C	°F	90	194	-
Low Temp. Resistance	°C	°F	-40	-40	-
UV Resistance	-	-	Good	-	-

