

FEATURES

- Roll Dimension
12mm x 33m
- Foamed Acrylic Tape
- Colour: Grey
- Soft, tacky and conformable
- Ideal for use in automotive; engineering, 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.: 224-3455



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

1.1mm thick acrylic foam pressure sensitive adhesive multi-purpose bonding tape grey in colour. 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 coefficients 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 of substrates, 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 panel to frames. Bonding solar panel frames. This tape is UL 746C approved.

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	780	49	-
180° Peel Strength	gf/25mm	lbf/in	3900	8.6	ASTM-D-3330 (Stainless steel, room temp)
Tensile Strength (T-Block Test)	gf/cm ²	lbf/in ²	6000	85.34	ASTM-D-897 (Aluminium, room temp)
Dynamic Shear (after 20min)	gf/cm ²	lbf/in ²	3500	49.78	ASTM D-1002 (Stainless steel, room temp)
Dynamic Shear (after 24hrs)	gf/cm ²	lbf/in ²	6000	85.34	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	-	-

Approvals

Standards Met

UL 746C

