

## FEATURES

- **VST 4100C**
- **Roll Dimension 25 mm x 10m**
- **Foamed Acrylic Tape**
- **Colour: Transparent**
- **Red PE Liner**
- **Acrylic adhesive**

# RS PRO Structural Bonding Acrylic Foam Tape

RS Stock No.: 224-3446



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

This tape has a shelf life of 2 years when store at an ambient temperature of 15 – 25 °C

Is a 1mm thick acrylic foam pressure sensitive adhesive multi-purpose bonding tape clear transparent. The foam is a high density visco-elastic foam of 1000kg/m<sup>3</sup> 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, clear plastic bonding, windows and doors, Plastic mouldings, and extrusions. Bonding plastic panels and sheet material to frames. Point of sales fixing

## General Specifications

Item	Unit		Spec.		Test method
<b>Total thickness</b>	mm	Inch	1.0(±0.1)	0.039(±0.004)	-
<b>Density</b>	kg/m <sup>3</sup>	lb/ft <sup>3</sup>	1000	62	-
<b>180° Peel Strength</b>	gf/25mm	lbf/in	3400	7.50	ASTM-D-3330
<b>Tensile Strength</b> (T-Block Test)	gf/cm <sup>2</sup>	lbf/in <sup>2</sup>	6000	85.34	ASTM-D-897
<b>Dynamic Shear</b> (after 24h)	gf/cm <sup>2</sup>	lbf/in <sup>2</sup>	4500	64.00	ASTM D-1002
<b>Temperature Resistance</b> Short Term	°C	°F	150	302	-
<b>Temperature Resistance</b> Long Term	°C	°F	90	194	-
<b>Low Temp. Resistance</b>	°C	°F	-40	-40	-
<b>UV Resistance</b>	-	-	Good	-	-

