

VST 5110B ( 3M 5952 )

## FEATURES

VST 5110B 25 mm x 33m

Is a 1.1mm thick acrylic foam coated with a modified acrylic pressure sensitive adhesive Black in colour. The foam is a high density visco-elastic foam of 850kg/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 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 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 panels to frames.

# RS PRO Structural Bonding Acrylic Foam Tape Low Surface Energy

RS Stock No: 224-3450



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. PE Liner
2. Acrylic adhesive coating
3. Acrylic foam
4. Acrylic adhesive coating

### Product description

- Foamed Acrylic Tape
- Color: Black

### Construction

- Red PE / White paper liner
- Acrylic adhesive coating
- Acrylic foam
- Acrylic adhesive coating

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

## General Specifications

Item	Unit	Spec.	Test method
<b>Total thickness</b>	mm	1.1(±0.1)	-
<b>Density</b>	kg/m <sup>3</sup>	850	-
<b>180° Peel Strength</b>	g/25mm	4200	ASTM-D-3330 (Stainless steel, room temp, after 24hrs)
<b>Tensile Strength</b> (T-Block Test)	g/cm <sup>2</sup>	9000	ASTM-D-897 (Aluminium, room temp)
<b>Dynamic Shear</b>	g/cm <sup>2</sup>	4300	ASTM D-1002 (Stainless steel, room temp, after 20min)
<b>Dynamic Shear</b>	g/cm <sup>2</sup>	7500	ASTM D-1002 (Stainless steel, room temp, after 24hrs)
<b>Temperature Resistance</b> (Short Term)	°C	121	-
<b>Temperature Resistance</b> (Long Term)	°C	93	-
<b>Low Temp. Resistance</b>	°C	-40	-

UV Resistance

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Good

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**Approvals**

Declarations

Standards Met

**Similar Products**

Stock No.	Brand	Product Name	Colour	Material