



## Expanded Closed Cell Sponge Strips

### Description:

Expanded Neoprene/EPDM closed cell sponge is waterproof.

Operational working temperature between -40°C and +70°.

It has excellent resistance to air and UV light and a good resistance to acids.

Self-adhesive on one side.

Colour: Black

### Specification

Requirement/Specification	Specification Limits	Test Method
Size – skin/skin (mm)	2000 x 1000 x 54 (±4)	-
Compression @ 25% Deflection (kPa)	45 (± 10%) kPa	ASTM D1056 : 2007
Compression @ 50% Deflection (kPa)	100 (±10%) kPa	ASTM D1056 : 2007
Compression Set (50%22h20°C)	25% max.	ASTM D1056-00
Shore Hardness (00 Scale)	36° ±5°	-
Density (kg/M <sup>3</sup> )	120 ±20	-
Water absorption, max. change in weight (%)	4 ±10%	ASTM D1056 : 2007
Tensile Strength (kPa)	400 ±10%	ASTM D 3575 : 2008
Heat ageing test (100°C, 72h) change in tensile strength	25 ±10%	ASTM D 1056 : 2007
Elongation at Break (%)	120 ±10 %	ASTM D 3575 : 2008
Heat ageing test (100°C, 72h) change in elongation	-15 ±10%	ASTM D 1056 : 2007
Flammability FMVSS 302	Burn Rate < 100mm	Pass
Flammability UL94 HBF	N/A	Pass
Heat Resistant (°C)	-40 to +70 °C	
Resistance to Air + UV	EXCELLENT	
Resistance to Oil	POOR	
Resistance to Acids	GOOD	
Environmental Protection	CFC AND HFC FREE / CAN BE RECYCLED	

### Tolerances

Strip (width)	Tolerance (mm)
10mm to 25mm	± 1.0 mm
25.1mm to 100mm	± 1.5 mm

Thickness (mm)	Tolerance (mm)
1.5mm	± 0.25 mm
2mm	± 0.28 mm
3mm	± 0.3 mm
4mm	± 0.4 mm
5mm	± 0.5 mm
6mm	± 0.6 mm
8mm	± 0.8 mm
10mm	± 1 mm
12mm	± 1.2 mm
15mm	± 1.5 mm
20-25mm	± 10%

The above figures are average values.

We recommend that you examine any material you select to ensure its suitability for your application.