

# FS670

Premium EPDM Foam Sponge Tape



**FOAM** Sealant

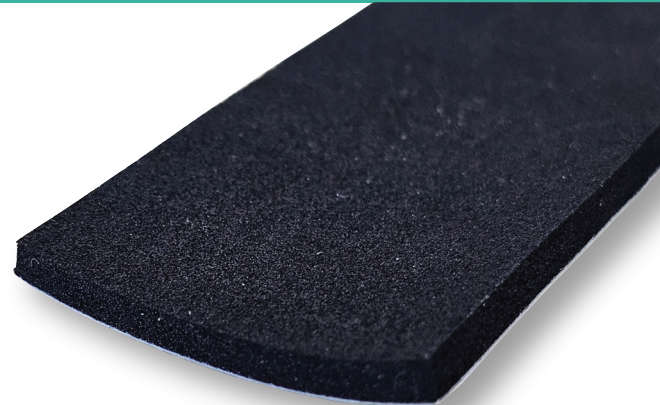
ISO 9001:2015 CERTIFIED

**FS670** is a premium elastomeric EPDM closed cell rubber foam tape primarily designed for industry professionals to be used in both internal and external applications for sealing, gasketing, weather stripping and vibration dampening. **FS670** is coated with a powerful acrylic adhesive on one side and adheres well to a broad range of surfaces including metals, plastics, and wood.

**FS670** EPDM is manufactured under an ISO 9001 Management System in Australia with globally sourced raw materials.

## Features and Benefits

- Long life elastomeric foam
- Long lasting acrylic adhesive on one side
- UV resistant making it ideal for outdoor applications
- Excellent weathering and ageing
- Condensation protection
- Prevents heat loss and noise between steel materials
- An easy unwind for fast application
- An initial quick-stick helps speed up application
- Excellent holding power and high load capability
- Ideal for sealing enclosures
- Long term reliability
- Conforms well to a variety of irregular surfaces
- Helps maintain a seal in high movement joints
- Die-cuts easily for custom sizing
- Can be die cut to accommodate a full range of projects



## Applications

1.6mm – 12mm (thick) x 1000mm wide  
(contact us for other custom sizes)

## Storage and shelf life

12 months when stored at  
21°C (70°F) / 50% relative humidity  
out of direct sunlight.



FLAME  
RESISTANT



UV RESISTANT



CHEMICAL  
RESISTANT



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## FS670 Properties

<b>Material: Premium Grade EPDM Elastomeric Closed Cell Foam</b>	
UV Resistance & Ageing	Excellent
Dimensions	1.6mm – 12mm(thick) x any width
Adhesive Type	UV Stable Acrylic Pressure Sensitive (PSA)
Peel Adhesion Strength (N/25mm)	20 N/25mm
Hardness (Shore OO)	35-55
Density (kg/m <sup>3</sup> )	110
Compression set (after 30min)	10 %
Compression Deflection (kPa)	35
Tensile Strength (kPa)	≥ 165
Elongation (%)	≤ 268
Ozone and UV Resistance	Excellent
Service Temperature Range (°C)	- 30° C to + 90°C
Combustion Characteristics	Pass
CFC & HCFC Contents	Free
REACH (1907/2006)	Conforms
ROHS (2002/95/CE)	Conforms
IP Rating (IP64)	Conforms (protected against dust and water)
Water Absorption (g/cm <sup>3</sup> )	0.01
Flammability (FMVSS-302/UL94-HF1/ UL94-HF2/ASTM D635-91)	Pass-Compliant
Early Fire Hazard Test (AS 1530 part 3-1999)	-0- (Pass)
Thermal Conductivity (W/mK)	0.05
Thermal R-Value (does satisfies the BCA thermal break requirements at 10mm thick)	R0.24 (Result at 10mm Thick)
National Construction Code (NCC)	At 10mm thickness, material is compliant to the requirement stipulating the incorporation of an R0.2 thermal break in applications where thermal bridging will occur.
Standard Colour	Black