

FS670

Premium EPDM Foam Sponge Tape



FOAM Sealant

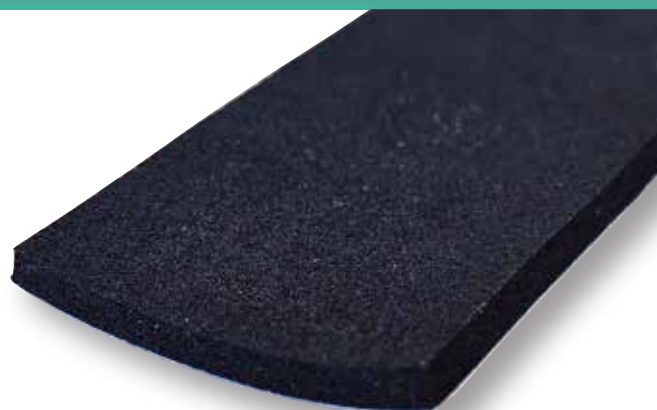
ISO 9001:2015 CERTIFIED

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

- **Elastomeric EPDM:** Known for excellent chemical resistance and durability.
- **Closed Cell Structure:** Ensures low water absorption and maintains effectiveness in moist environments.
- **Chemical Resistance:** Resistant to a wide range of chemicals, preventing degradation and contamination.
- **Temperature Resistance:** Suitable for a broad range of applications due to its ability to withstand a wide range of temperatures.
- **UV and Ozone Resistance:** Ensures long-term durability in outdoor environments.
- **Non-Contaminating:** Non-irritant, odourless, and does not support mold or bacterial growth.
- **Long Life Substrate:** Elastomeric foam with excellent weathering and ageing resistance.
- **Adhesive Properties:** Long lasting acrylic adhesive on one side, easy unwind, initial quick-stick, and excellent holding power.
- **Conformability:** Conforms well to irregular surfaces, can be die cut for a full range of projects, and is suitable for separating dissimilar metals.



FLAME
RESISTANT



UV RESISTANT



CHEMICAL
RESISTANT

Properties

- Non-staining, non-corrosive, and non-conductive foam
- Resistant to moisture and UV rays
- Flame retardancy meeting FMVSS 302 standards
- Compatibility with plastic materials
- Conforms to REACH (1907/2006) and RoHS (2002/95/CE),
- Free from hazardous chemicals such as Lead, Mercury, Cadmium, and Phthalates

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.



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FS670 Properties

Material: Premium Grade EPDM Elastomeric Closed Cell Foam	
Thicknesses available	1.6mm - 12mm
Adhesive Type	UV Stable Acrylic Pressure Sensitive (PSA)
Peel Adhesion Strength (N/25mm)	20 N/25mm
Hardness (Shore OO)	35-55
Density (kg/m ³)	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
Water Absorption (g/cm ³)	0.01
Thermal Conductivity (W/mK)	0.05
Standard Colour	Black

✓ **Free of CFC & HCFC contents and conforms to REACH (1907/2006) and ROHS (2002/95/CE).**

✓ **Flame retardant to FMVSS-302, UL94-HF1, UL94-HF2, ASTM D635-91**

✓ **Conforms to Early Fire Hazard Test (AS 1530 part 3-1999)**