

# FS640 DATA SHEET



## FS640 (120kg) Closed Cell EPDM Foam

### Typical Physical Properties

Colour:	Black	Other Colours Available
Thickness:	3, 6, 9 & 19mm	
Application Temp. Range (°C)	-50 to + 125	KS M 3014
Density: (g/cm <sup>3</sup> )	0.10 – 0.13	KS M 3014
Thermal Conductivity: (@20+/-5°C)	0.038 w/m.k	KS L 9016 1995
Water Absorption Rate: (g/cm <sup>2</sup> )	0.001	KS M 3014 2001
Service Temp:	-50°C to +125°C	KS M 3014
Dimensional Change Of Heating (@120+/-2°C,22h)	Width -2.1% Length -4.8%	
Tensile Strength: (N/cm <sup>2</sup> )	15.5 (min)	KS M 3014 2001
Elongation: (%)	110 (min)	KS M 3014 2001
25% Force to Compress (N/cm <sup>2</sup> )	8.15	ASTM D-1667
Compression Set (50%):	6.0%	ASTM D-1667
Fungal Resistance	No Fungal Growth	ASTM G-21
Ozone Resistance	Surface Crack Not Detected	
Odour	Odourless	
Environmental Friendliness	Approved	ISO 14001
Flammability: mm/min	Self Extinguishing	FMVSS 302

### Application Guide

Surfaces should be clean before applying. Avoid touching adhesive surface before application.

### Typical Applications

Suitable as a closure tape in contact with:

Normal to extreme gasketing and vibration dampening for automotive applications.

Acrylic, Glass, Polycarbonates, All Aluminium Surfaces, Treated Wood,

Fibre Glass & Vinyl.

Switchboards, Inspection Hatches, Transport & Marine Applications.

### Storage

Material should be stored at 21°C at 50% relative humidity

**Disclaimer** All figures shown above represent typical test results in laboratory conditions, and are given without guarantee since the conditions of use are beyond the control of our company. Width and thickness tolerances +/- 20%. It is the customer's responsibility to satisfy themselves that the product is fit for the purpose for which they intend to use it and that the actual conditions of use are suitable.

### FS640

Is a closed cell EPDM foam with an aggressive acrylic adhesive

Excellent High Temperature Closure Tape

Water Seal at Minimum 25% Compression

Dimensionally Stable

Excellent Resistance to Fungi, Weathering & Oxidation

Large Range of Thicknesses

Available Without Adhesive for Insulation

Thermal Insulation

### Limited Warranty

For a period of six months from the date of first sale, FOAM Sealant Pty Ltd warrants this product to be free from defects in materials and workmanship. Our only obligation will be to replace any portion proving to be defective, or at our option, to refund the purchase price thereof.

The user assumes all other risk if any, including the risk of injury, loss or damage, direct or consequential arising out the use, misuse or inability to use this product. This warranty is in lieu of the warranties of merchantability, fitness for particular purpose and all other warranties expressed or implied. No deviation is authorised.

**FOAM Sealant Pty Ltd**

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