

# FS630 DATA SHEET



## FS630 (80kg) Closed Cell EPDM Foam

### Typical Physical Properties

Colour:	Black	Other Colours Available
Thickness:	3, 6, 9, 12 & 19mm	
Application Temp. Range (°C)	-50 to + 125	KS M 3014
Density: (g/cm <sup>3</sup> )	0.05 – 0.09	KS M 3014
Thermal Conductivity: (@20+/-5°C)	0.035 w/m.k	KS L 9016 1995
Water Absorption Rate: (g/cm <sup>2</sup> )	0.0007	KS M 3014 2001
Service Temp:	-50°C to +125°C	KS M 3014
Dimensional Change Of Heating (@120+/-2°C,22h)	Width -2.6% Length -5.7%	
Tensile Strength: (N/cm <sup>2</sup> )	12.7 (min)	KS M 3014 2001
Elongation: (%)	120 (min)	KS M 3014 2001
25% Force to Compress (N/cm <sup>2</sup> )	3.03	ASTM D-1667
Compression Set (50%):	19%	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.

**FS630**  
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**

**Excelpac Converting Pty Ltd**

ABN: 31 125 089 830

3-4/11 McLellan St Bayswater 3153 Victoria

Tel: 03 9762 9980 Fax: 03 9761 2044

Email: sales@excelpac.com.au