

SEKISUI FOAM AUSTRALIA

1 – 5 Parraweena Road, Taren Point
NSW 2229 AUSTRALIA
T: +61 2 9525 9880 E: info@sekisuifoam.com.au

TECHNICAL INFORMATION

TECHNICAL DATA SHEET

Softlon® 4000 FR

Description:

Softlon® 4000 FR series is a closed cell, electron beam crosslinked, polyolefin foam with an outer skin. The foam has improved fire resistance and is free of heavy metals, plasticisers and CFCs.

Due to the unique manufacturing process, Softlon® 4000 FR exhibits consistent thickness and density.

Property	Typical Value	Test Method
Density	25 kg/m ³ (nominal)	Internal
Tensile Strength	2.7 kg/cm ² (longitudinal) 2.1 kg/cm ² (crosswise)	JIS K6767
Elongation	210% (longitudinal) 140% (crosswise)	JIS K6767
Tear Strength	2.0 kg/cm (longitudinal) 1.3 kg/cm (crosswise)	JIS K6767
Compression Strength	0.30 kg/cm ² @ 25% deflection 0.85 kg/cm ² @ 50% deflection	Internal
Compression Set	11.0% @ 25% deflection 30.0% @ 50% deflection	JIS K6767
Dimensional Change Heat	-1.50% (longitudinal) -0.90% (crosswise)	70°C, 22h
Flammability – Burn Rate	0 mm/min	FMV SS 302
Working Temperature Range	-80 / +100 °C	Internal
Thermal Conductivity	0.032 W/m.°K, 23°C	ASTM C518
Water Absorption	0.07 mg/cm ²	JIS K6767
Water Vapour Permeability	5.3 g/m ² , 24h	JIS Z0208



This information on Sekisui Foam International products is presented to the best of our knowledge. All product data is based on average values and is for guidance only. As these products are subject to constant research and development, we reserve the right to update the contents without notice.



Recommendations as to methods of post fabrication, application and use of Sekisui Foam International products are based on our experience and knowledge of the characteristics of our products and are given in good faith. As producer of the material we have no control over the application of Sekisui Foam International products and no legal responsibility is accepted for such recommendations. In particular, no responsibility is accepted by us for any system in which Sekisui Foam International products are utilised or for any application.



Softlon and Thermobreak – Registered trademarks of Sekisui Chemical Co. Ltd or its subsidiaries.

© Sekisui Pilon Pty Ltd. Date of Publication: January 2016.