

TECHNICAL DATA SHEET

Softlon® FR Tube/Embossed Film

Description:

Softlon® FR Tube/Embossed Film is a dark grey flexible closed cell, electron beam crosslinked, fire retardant polyolefin foam, with an embossed outer UV Resistant PE film. It has superior thermal and vapour resistance properties.

The product is free of heavy metals, PVC, plasticisers and CFCs. Softlon® FR Tube/Embossed Film is compliant with the requirements of the EU Directive 2011/65/EU, commonly known as the Restriction of Hazardous Substances (RoHS) directive.

Property	Typical Value	Test Method
Density (foam only)	25 kg/m ³ (nominal)	Internal
Dimensional Change Heat	-1.40% (longitudinal) -0.90% (crosswise)	70°C, 22h
Working Temperature Range	-80 / +100 °C	Internal
Thermal Conductivity	0.032 W/m/°K	ASTM C518
Flammability Properties	Pass	UL94 (HF-1)
Water Absorption	0.10 mg/cm ²	JIS K6767
Permeability Resistance Factor (μ)	> 7000	ASTM E96

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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.

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