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/m³ (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/cm²	JIS K6767
Permeability Resistance Factor (μ)	> 7000	ASTM E96

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