



SOFTLON FR TUBE

Superior Thermal Insulation for Copper Tubes, Hot Water Pipes and Drain Pipes

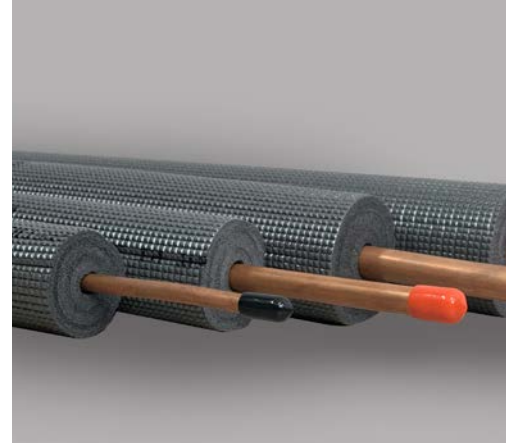
Superior Preformed Tube Insulation

Softlon FR Tube is made from closed cell physically crosslinked polyolefin foam with an embossed UV treated clear film. Softlon FR Tube's low thermal conductivity combined with low water absorption and vapour permeability make it ideal for insulating air conditioning and refrigeration systems as well a drain pipes and hot water pipes.

Outstanding Insulation Properties

The layers of air provided by Softlon FR Tubes closed cell structure result in low thermal conductivity as well as excellent moisture resistance.

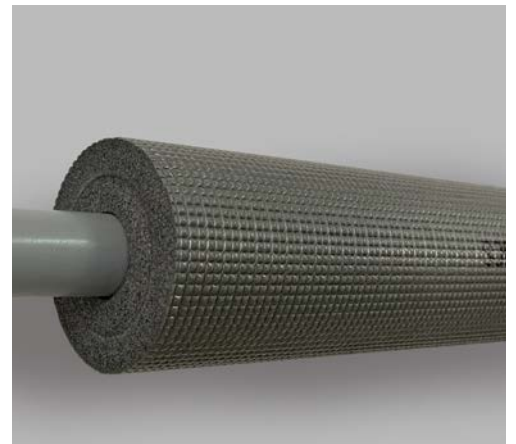
- Very Low thermal conductivity 0.032 W/mK (at 23°C)
- High vapour permeability resistance factor of >7000
- Almost zero water absorption



Flexibility & Durability

The polyolefin foam used in Softlon FR Tube is very flexible and durable meaning that it is easy to install and will perform well in a variety of applications and environments.

- High flexibility and conformability
- Wide operating temperature range of -80°C to +100°C
- UV treated clear film
- Very low shrinkage



Fire Performance

 Achieves UL94 HF-1 fire rating



Environment, Health & Safety


Softlon FR Tube is manufactured to comply with Green building initiatives and is free of hazardous substances such as CFCs, heavy metals and PVC.

 Green Star Compliant
(Low VOC)

 Zero PVC, Zero
Formaldehyde


 Compliance to REACH Directive

 No CFCs or HCFCs

 Compliance to RoHS Directive

 Fibre Free

 Zero Ozone Depletion Potential

 Low GWP



Technical Specification

Material: Softlon® FR Tube is a dark grey flexible closed cell, electron beam crosslinked, fire retardant polyolefin foam, with an embossed outer UV resistant PE film.

Property	40X FR	Test Method
Density	25 kg/m ³ (nominal)	Internal
Thermal Conductivity (23oC)	0.032 W/m/°K	ASTM C518
Dimensional Change Heat	-1.4% (longitudinal) -0.9% (crosswise)	70°C, 22H
Flammability Properties	Pass	UL94 (HF-1)
Operating Temperature Range	-80°C - +100°C	Internal
Water Absorption	<0.1% v/v	JIS K6767
Permeability Resistance Factor	>7000	ASTM E96

Size Availability

Property	Standard (*)
Size ID	ID 6.35 to ID 110
Thickness (mm)	9-12-15-20-25-30
Length per tube (m)	2

(*) Other size and ID will be supplied on request.

Packaging

- Paper cartons
- Carton Dimensions: W 45cm x L 210cm x H 40cm



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