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IZOTERM

Izoterm PLAMAFLEX SSL plus TUBES

Expanded polyethylene tube profile insulation

Description

The insulation tube is made of expanded polyethylene. Above all it is meant for professional pipe-fitters and insulation workers. The wall protected with LDPE protection layer that gives mechanical stability and vapor diffusion resistance improvement. The tube has an inner layer of HDPE foil to ensure a better mounting on pipes.

Technical data

Characteristic	Test method	Units (SI)	Values
Internal diameter	ISO 1923	mm	**15 - 160**
Wall thickness	ISO 1923	mm	**4**
Density tolerance	ISO 845	kg/m^3	**25 ± 5**
Thermal stability	ISO 2796 (24h)	%	-30°C: -0,1%
			+90°C: -3,7%
Tensile strength	ISO 1798	N/mm^2	0,35 ± 0,2
Elongation when torn	ISO 1798	%	49,8 ± 5,4
Pressure characteristics	ISO 3386-1	N/mm^2	Def. 10% - 0,01
			Def. 25% - 0,03
			Def. 50% - 0,08
Steam-permeability	ISO 1663	μ	> 7000
Water absorption in 7 days	ISO 2896	vol. %	< 2
Heat conductibility by 10°C (λ_R)	DIN 52613	W/mK	0,037
Inflammability	EN 13501	Standard variable	E
Corrosion influence	Internal	Standard variable	Insulation protects pipes from corrosion
Material group	Appearance	-	Non cross-linked PE
Cell structure	Appearance	-	Closed cell structure
Dimension tolerance	ISO 845	Mm	See tolerance lists
Temperature conditions	Internal	°C	-40 - +80
Color	Appearance	-	VARIOUS

The product is 100% CFC and HCFC free.
The information stated in this TDS is based on actual knowledge and it does not guarantee product's characteristics or engages our liability.

The product is labeled with CE certificate according to EN 14313