

<b>Type of Material</b>	Closed - cell synthetic rubber elastomeric foam coated with external aluminum covering composed of three layers of polyester, aluminum and polyethylene.
<b>Product Range</b>	Tubes in pipe section with thicknesses from 13 mm (1/2'' inches) to 50 mm (5 1/2'' inches) and diameters from 6 mm (1/4'' inches) to 139 mm (5 1/2'' inches). Flat sheets or rolls (also with coverings or/ and self-adhesive version) with thicknesses from 6 mm (1/4'' inches) to 50 mm (2'' inches).
<b>Fields of Application</b>	Thermal insulation for refrigeration, air conditioning and heating & plumbing services in commercial, industrial and domestic applications.
<b>Dimensional Tolerances</b>	In accordance with the European Standard EN 14304 table 1.
<b>Environmental Information</b>	Flexible and expanded rubber foam free of CFC and HCFC
<b>Storage &amp; self-time</b>	Material shall be stored indoors, in clean and dry conditions, away from direct sunlight. Self-adhesive tapes, self-adhesive sheets, self-adhesive tubes, self-adhesive rolls: 1 year

Properties	Technical Data	Test Methods
<b>Thermal Conductivity (λ)</b>	-20°C (-4°F) - 0.031 W/mk 0°C (32°F) - 0.033 W/mk 20°C (68°F) - 0.035 W/mk 30°C (86°F) - 0.036 W/mk	EN 12667
<b>Permeability (μ)</b>	≥10000	EN 13469, EN 12086
<b>Operating Temperatures (°C)</b>	UV PLUS Film: -40°C (-40°F) to +100°C (212°F) Synthetic Rubber Adhesive: -40°C (-40°F) to +110°C (230°F)	EN 14707 EN 14706
<b>Fire Rating (FR)</b>	Euroclass E	EN 13501-1
<b>UV Resistance</b>	Very good	ISO 4892-2
<b>Weather Resistance</b>	Very good	ASTM D 471
<b>Oil &amp; Grease Resistance</b>	Very good	ISO 4892-2

## Characteristics of the covering

Properties	Technical Data	Test Methods
<b>Thickness of film</b>	UV PLUS Film: 99 μm Synthetic Rubber Adhesive: 70 μm, Liner Thickness: +85 μm	DIN 53370
<b>Film Weight</b>	125 g/m <sup>2</sup>	
<b>Film Traction Resistance</b>	Longitudinal 75 N, Transversal 78 N	
<b>Film Adhesive Traction Resistance</b>	Longitudinal 40 N/15mm, Transversal 41 N/15mm	
<b>Chemical Resistance</b>	Diluted Acids, Aliphatic Hydrocarbons, Alcohols Resistant	
	Diluted Alkalis, Aromatic & Halo-genated Hydrocarbons Moderate Resistant	

The mentioned values are these which have been measured in our laboratory, under typical conditions.

They can be modified without prior notice. You are kindly requested to assert their validity before any special use.