

Type of Material	Closed - cell EPDM based flexible synthetic rubber foam coated with external aluminum covering composed of three layers of polyester, aluminum and polyethylene.
Product Range	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).
Fields of Application	Thermal insulation for refrigeration, air conditioning and heating & plumbing services in commercial, industrial and domestic applications.
Dimensional Tolerances	In accordance with the European Standard EN 14304 table 1.
Environmental Information	Flexible and expanded rubber foam free of CFC and HCFC
Storage & self-time	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
Thermal Conductivity (λ)	0°C (32°F) - 0.040 W/mk 40°C (104°F) - 0.045 W/mk	EN 12667
Permeability (μ)	≥4000	EN 13469, EN 12086
Operating Temperatures (°C)	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
Fire Rating (FR)	Euroclass E	EN 13501-1
UV Resistance	Very good	ISO 4892-2
Weather Resistance	Very good	ASTM D 471
Oil & Grease Resistance	Very good	ISO 4892-2

Characteristics of the covering

Properties	Technical Data	Test Methods
Thickness of film	UV PLUS Film: 99 μm Synthetic Rubber Adhesive: 70 μm, Liner Thickness: +85 μm	DIN 53370
Film Weight	125 g/m ²	
Film Traction Resistance	Longitudinal 75 N, Transversal 78 N	
Film Adhesive Traction Resistance	Longitudinal 40 N/15mm, Transversal 41 N/15mm	
Chemical Resistance	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.