Type of Material	Closed - cell synthetic rubber elastomeric foam coated with external aluminum covering composed of three layers of polyester, aluminum and fire-resistant PVC.
Product Range	Tubes in pipe section with thicknesses from 13 mm(1/2'' inches) to 50 mm(5 ½'' inches) and diameters from 15 mm(5/8'' inches) to 139 mm(5 ½'' 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 of refrigeration, air conditioning and heating & plumbing services in commercial, industrial and domestic applications.
Dimensional Tolerances	In accordance with the European Standard EN 14304 table1.
Environmental Information	Flexible and expanded CFC and HCFC-free rubber foam. It does not damage the ozone layer (ODP zero) and does not contribute to the greenhouse effect (GWP zero).
Storage & self-time	Storage 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**	**Tast Methods**
Thermal Conductivity (λ)	-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
Permeability (μ)	≥10000	EN 13469, EN 12086
Operating Temperatures (°C)	HEAVY DUTY Film: -25°C(-13°F) to +75°C (167°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	Excellent	ISO 4892-2
Weather Resistance	Excellent	ISO 4892-2
Oil & Grease Resistance	Very good	ASTM D 471

Characteristics of the covering

Properties	**Technical Data**	**Tast Methods**
Thickness of film	HEAVY DUTY Film: 230 μm Synthetic Rubber Adhesive:60 μm Liner Thickness: +85 μm	DIN 53370
Reaction to Fire (FR)	Class 0, Class 1	BS 476, Part 6 & Part 7
	Class 1 or A	ASTM E 84
Film Weight	340 g/m^2	EN 22286
Film Puncture	Ø0.8mm = 23 N Ø2.0mm = 87 N	Pr EN 14477

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.