

Type of Material	Black closed-cell EPDM based flexible synthetic rubber foam. without halogens with external polymer protection layer.
Product Range	Tubes in pipe section (also with coverings or/ and self-adhesive version) and coils with thicknesses from 9 mm (3/8" inches) to 50 mm (2" inches) and diameters from 10 mm (3/8" 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 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	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	EN ISO 8497
	40°C (104°F) - 0.045 W/mk	
Permeability (μ)	≥ 4000	EN 13469, EN 12086
Operating Temperatures (°C)	-50°C (-58°F) to +150°C (302°F) (+175°C) (347°F)	EN 14707, EN 14706
Fire Rating (FR)	Euroclass E	EN 13501-1
Weather Resistance	Good	
Oil & Grease Resistance	Very good	ASTM D 471
UV Resistance	Very good	ISO 4892-2
Noise Reduction	Up to 30dB	DIN 4109
Halogen	Free	DIN VDE 0472 - section 815
PVC-ODP zero	Free	
CFC, HFC, HCFC	Free	
Odor	Neutral	

Characteristics of the covering

Properties	Technical Data	Test Methods
Thickness of film	< 0.40mm: ± 0.1 mm	DIN 53370
Colour of SOLAR Film	White & Black	

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.