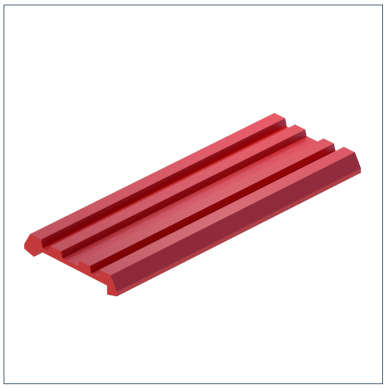
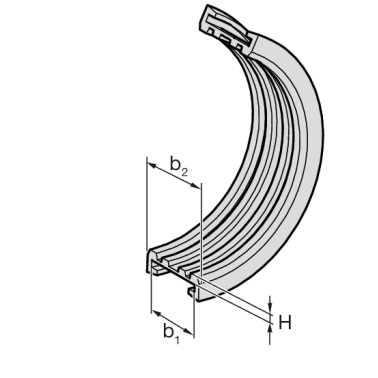
Rubber Profile SAL Silikon STD





General Information

Sound absorption lining for steel straps and pipe clamps, also according to DIN 4109. Application up to +200°C (temporarily up to +300°C, see technical data).

Installation

Suitable for steel strapping:

Type	Steel strap [mm]
STD 1 SIL	25 x 3,0
STD 2 SIL	30 x 3,0
STD 3 SIL	40 x 4,0
STD 4 SIL	50 x 5,0

Temperature

Permissible short-term temperature	300 °C
Max. temperature	200 °C
Min. temperature	-60 °C

Levels of Resistance

Limited resistance	diluted lyes diluted acids aromatic solvents oils
Typically resistant	animal or vegetable fats ethyl alcohol glycerin

Mechanical Properties

Ultimate tensile strength	9,00 N/mm²
Tear resistance	30,00 N/mm
Elongation at tear	700 %
Insertion isolation	18 dB(A)

Material Properties

Elongation at break	35 %
Compression set	20% (175°C/22 h)
Hardness	45 +/-5° Shore
Halogen-free	0
UV-resistant	0
Long-term performance	Weatherproof and ozone-resistant according to DIN 53509 and ageing-resistant according to DIN 53508

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Rebound elasticity	30 %

Material

Isolating element material	silicone

Fire Performance

Class B2 according to DIN 4102

Types

Type	Number of ribs	Weight	Quantity	Part number
SAL SILIKON STD 1	4	0,198 kg/m	30 m	145644
SAL SILIKON STD 2	4	0,197 kg/m	30 m	145653
SAL SILIKON STD 3	5	0,394 kg/m	30 m	145662
SAL SILIKON STD 4	5	0,51 kg/m	30 m	146557

Dimensions

Type	b1	b2	H
SAL SILIKON STD 1	25 mm	31 mm	4,5 mm
SAL SILIKON STD 2	30 mm	36 mm	4 mm
SAL SILIKON STD 3	40 mm	46 mm	6 mm
SAL SILIKON STD 4	49 mm	56 mm	7 mm

Certification

epd-global
Powered by EPD-Norway

In combination with Stabil Pipe Clamps or Pipe Loop Praktica S approved and accepted by VdS for use as sound absorption lining in sprinkler installations.