

TECHNICAL DATA SHEET

Soba sealing collars

Material description

The flange part is based on a butyl material with low gas permeability, good resistance to heat, cold, oxygen and ozone, and very good ageing resistance, long-term heat resistance (up to +90°C) and flexibility at low temperatures (down to -40°C).

The hose part is based on an EPDM material with good resistance to heat, cold, oxygen and ozone and very good ageing resistance, long-term heat resistance (up to +90°C) and flexibility at low temperatures (down to -40°C).

Both materials have low resistance to non-polar plasticisers and solvents such as mineral oils, petrol, fuels and aromatics such as toluene. Ongoing contact with these materials should be avoided.

Typical applications

Soba sealing collars are used to permanently seal various penetration areas such as attachment points, outlet vents or ventilation pipes on roofs. Here, the flange part is flashed between two layers of bituminous sealant. Depending on the type, the upper end is finished with a heat-shrinkable tube, an end cap or a ventilation cap.



Technical details

Features	Unit	Test standard	Hose part	Flange part
Elastomer base			EPDM	IIR
Colour			Black	Black
Material thickness	mm		2.0 - 2.5	2.0
Elongation at break	%	DIN 53 504	> 700	> 600
Hardness	Shore A	DIN 53 505	55-60	50-55
Tear resistance	N/mm	DIN 53 507	> 12	> 8

Test report

On request

Delivery form

Standard diameters of anchorage points:
16, 24, 42 and 48 mm

Standard diameters of outlet vents:
56, 63, 75, 90, 110 and 125 mm

Standard diameters of ventilation pipes (insulated 20 mm):
80, 100, 125, 150 and 160 mm