

Easily pressed open-cell polyurethane foam joint filler material, only for permanently dry areas

Application areas

Elastic, highly compressible and adaptable round cords

- for backfilling joints before sealing in dry indoor areas (walls, ceilings, kitchens, industry etc.)
- especially for joints with strongly fluctuating joint widths
- versatile sealing material (interior areas of buildings)
- for handicraft and industry

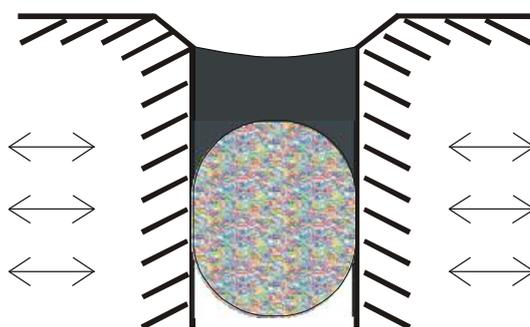


Diagram of a correctly dimensioned joint with PUR round cord as backfill material

Product benefits

- ensures compliance with the joint dimensions
- prevents three flank adhesion
- no outgassing in sealants
- increased adhesive surface on the joint flanks due to round shape
- good ageing resistance
- saves sealant
- chemically neutral
- complies with the technical requirements for prefill materials for joint sealing of NF DTU 44.1

Base

flexible polyurethane foam

Important restrictions

PUR round profiles can absorb water like a sponge. This can lead to moisture-related structural or freezing damage. Wherever water ingress is likely, we recommend the use of standardised, water-repellent PE round profiles from our range.

Processing

The diameter of the round profile must be selected so that it is compressed in the joint by about 25 %.

The following basic rules apply to the sizing of sealing joints, unless otherwise specified by the manufacturer:

Minimum joint width: 5 mm, minimum joint depth: 5 mm

Maximum joint width: 25 mm, maximum joint depth: 12mm

The sealant should not be deeper than the width of the joint.

Joint depth	Joint width							
	4 mm	5 mm	6-7 mm	8-10 mm	12 mm	15 mm	20 mm	25 mm
4 mm								
5 mm								
6 mm								
7 mm								
8 mm								
10 mm								
12 mm								

	Optimum dimensions for moving joints
	Limit dimension for slightly moving joints
	Dimension for non-stressed joints

- Density** ca. 20 kg/m³ (depending on diameter)
- Tensile strength** ≥0.1 N/mm² (depending on diameter, acc. to DIN EN ISO 1798)
- Temperature resistance** from -30 °C up to +70 °C
- Breaking elongation** ≥60 % (acc. to DIN EN ISO 1798)
- Compression hardness** ca. 6 kPa at 40 % deformation ±1.5 kPa (acc. to DIN EN ISO 3386-1)
- Compression set residue** ≤50 % (at 70 °C, 22 h, 50 %, acc. to EN ISO 1856)

Further information



You can find more information about this product (link to the product on our homepage, safety data sheet, certificates, special enquiries etc.) under the adjacent ISOPIN QR code.

Colour

grey

Standard stock dimensions

Ø [mm]	Packing unit [m]	Item no.
10	large carton box of 1500 m	PS 3110.1500
15	large carton box of 1000 m	PS 3115.1000
20	large carton box of 500 m	PS 3120.500
30	large carton box of 250 m	PS 3130.250
40	large carton box of 150 m	PS 3140.150
50	large carton box of 100 m	PS 3150.100

Delivery form (good to know...)

This item is available in metre rods.
Further dimensions on request.

Shelf life

The product has an almost unlimited shelf life and is functional.
Recommendation: In closed original packaging, protected from direct sunlight and stored in a dry place between +15 °C and +25 °C.

Observe: All information is based on careful examinations in the labs and our previous practical experience. They are non-committal notes. Due to the many materials that are marketed and the different processing methods, which we cannot influence, we can, of course, not assume any warranty, including under patent-law, for the result of your work. We recommend performing sufficient own tests to find out if the product meets the respective requirements. In addition, we refer to our terms and conditions of sale, delivery and payment, available at www.wisabax.ch/agb.html. © Wisabax AG - This technical data sheet replaces all older versions.

Have you noticed an unclear formulation or an error? Thank you for your feedback. In case of doubt, the German version of the technical data sheet applies.