

**White polyethylene round profiles, closed-cell, for visible joints suitable for glass and for sealing joints with hot bitumen up to max. +200 °C**

## Application areas

- for floor joints that are grouted with hot bitumen
- for visible, white joints on glass or transparent materials
- for backfilling joints prior to sealing in accordance with DIN 18540
- especially for use in road, motorway, bridge and airfield construction and in glass construction

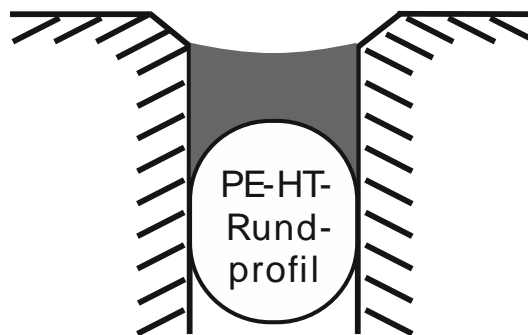


Diagramm of a correctly dimensioned joint with PE-HT round cord as backfill materia

## Product benefits

- colour **white**
- ensures compliance with the joint dimensions
- prevents three flank adhesion
- increased adhesive surface on the joint flanks due to round shape
- good ageing resistance
- long-lasting water repellent
- practically rot-proof
- saves sealant
- chemically neutral
- good saltwater, moisture, UV and weather resistance
- resistant to oils and greases, dilute acids and alkalis, salt water and soaps
- very good dimensional accuracy
- very good post-deformation recovery
- meets the technical requirements of DIN 18540 and NF DTU 44.1 for joint fillers, as well as the requirements of the RAL Quality Association for Joint Fillers for sealing joints in windows and external doors with joint sealants
- for indoor and outdoor use

## Base

pecially expanded, closed-cell polyethylene foam

## Processing

The diameter of the round profile must be selected so that it is compressed in the joint by about 25 %. Do not press the material into the joint with a sharp object, as this can damage the surface. A damaged outer skin can lead to the formation of bubbles in fresh sealants.

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 <b>non-stressed joints</b>

**Density** ca. 25 - 30 kg/m<sup>3</sup> (±5 kg/m<sup>3</sup>) (depending on diameter)

**Water absorption** < 1 % by volume


**Compression strength** 70 % deformation at 530 N

**Tensile strength** ca. 0.2 - 0.3 N/mm<sup>2</sup> (depending on diameter)

**Temperature resistance** from -40 °C up to +90 °C  
for a short time max. +200 °C

**Heat resistance** deformation <10 % (30 min at 160 °C)  
deformation <10 % (20 min at 200 °C)

**Building material class** ISO 13501-1 Klasse E resp. B2 acc. to DIN 4102 (in combination with sealant of this class, in the joint, between solid mineral building materials)

**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** white

**Standard stock dimensions**

Ø [mm]	Large rolls for industry	item no.
10	large carton box à 1150 m	PE-HT 9210.1150
15	large carton box à 550 m	PE-HT 9215.550
20	large carton box à 350 m	PE-HT 9220.350

Depending on the order, other different dimensions are possible: 13 mm, 25 mm, 30 mm and 40 mm.

**good to know...**

The round profiles are folded into a single unit.

**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](http://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.