



## Round PE cord

Closed-cell polyethylene foam

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### Product description

**Round PE cord** is a closed-cell joint backing material for construction joints in the same or different materials

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### Area of application

- as a pre-filler in joint sealing and expansion joints
- to prevent three-flank adhesion
- for exact limitation of sealant depth
- suitable for indoor and outdoor use

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### Product characteristics

- closed-cell PE foam
- fire class meets the requirements of DIN 4102 Part 1 for normally flammable building materials in building material class B 2
- high elasticity and resilience
- easy handling
- non-absorbent when processed correctly
- complies with the technical requirements for pre-filler materials for joint sealing in accordance with points 2 and 3 of DIN 18540

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### Colour

Grey

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### Handling

Expansion joints in building construction must be executed in accordance with DIN 18540. The **round PE cord** complies with this DIN standard. As a pre-filler, the product must have properties that prevent three flank adhesion, do not restrain the sealant and do not absorb water.

When installing the profile in the joint assembly, ensure that the **round PE cord** is compressed by approx. 25% and no sharp objects are used to press the product into the joint, because this will damage the surface of the outer skin. Once installed in the joint, the **round PE cord** creates a mould, making seal application easy.



<b>Consumption</b>	1m per running metre of joint
<b>Packaging</b>	Round profiles from 6 mm to 50 mm thickness by the carton in small, large and XL dispensers.
<b>Storage and shelf life</b>	The shelf life of unopened and undamaged original containers is unlimited.

#### Technical data\*

Technical properties	Unit	Value
Material basis		foamed polyethylene
Water absorption		irrelevant, after 4 weeks of storage in water
Temperature resistance	°C	from -40 to +60
Building material class		B2
Recovery following deformation		very good
Dimensional accuracy		very good

\*These are approximate values. The values are not intended for the preparation of specifications.

Diameter in mm	Bulk density in kg/m <sup>3</sup>	Tensile strength in kPa	Transverse compression hardness in kg/cm with deformation of		
			10 %	25 %	50 %
6 ± 1	30 ± 5	250	0.05	0.15	0.51
8 ± 1	30 ± 5	250	0.04	0.16	0.57
10 ± 1	25 ± 5	250	0.07	0.21	0.76
13 ± 1	25 ± 5	250	0.18	0.45	1.18
15 ± 1	25 ± 5	250	0.20	0.49	1.28
20 ± 1	25 ± 5	200	0.21	0.53	1.51
25 ± 1	25 ± 5	200	0.35	0.84	2.15
30 ± 1.5	25 ± 5	200	0.51	1.21	3.00
40 ± 2	30 ± 5	300	0.58	1.27	3.11
50 ± 2	30 ± 5	300	0.78	1.63	3.84

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