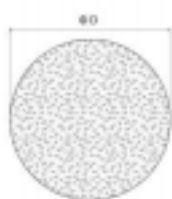


Sealing cord- technical card

Sealing cord is made of foamed polyethylene with closed cell. Perfect for filling the dilation slot. Flexible, non-absorbent, round cross-section. Resistant to compression and most chemicals. Chemically inert. Winded on a reel, which makes it much easier to dispense the cord.



METHOD OF USE

Carefully select the sealing cord for the dilation slot in accordance with the table in chapter "Choosing a cord". Dry and clean the slot of any debris or dust. Squeeze the cord and place it in the slot. The cord should be positioned at a uniform depth along the entire length of the slot. The depth should be chosen to form a slot in an appropriate manner. For standard applications, a suitable way is situation in which, after the setting of the cord, the ratio of the depth of the slot to its width is 1:2.

TECHNICAL SPECIFICATIONS

Diameters	6mm, 8mm, 10mm, 13mm, 15mm, 20mm, 25mm, 30mm, 40mm, 50mm, 60mm, 70mm, 80mm
Colour	Grey
Density	According to DIN EN 1602: approx. 30kg/m ³
Fire classification	B2 (self-extinguishing)
Breaking strength	According to DIN 535771: min. 1,2N/mm
Inflammableness	Flame retardant

Structure	Cellular - gives effective protection against moisture
Water absorption after 7 days	Less than 1%
Thermal conductivity coefficient	$\lambda=0,038\text{W/mK}$ at 40° C for 40kg/m ³
Thermal resistance	from -30° C to 90° C
Compressive stress	According to DIN 53577: at 50% min. 50 kN/m ²
Water vapour diffusion resistance factor	$\mu \geq 3500$

PACKAGING

Sealing cord with diameters 6-40mm are winded on a reel. There is the following amount of expansion cord on one roll:

Diameter of a cord [millimeters]	Quantity per roll [running metre]
6	1000
8	550
10	350
12	200
15	200
20	600
25	400
30	250
40	100
50	50

Approximate size of a roll for cords of 6-15mm diameter: 50cmx35cm (diameter x height).

Approximate size of a roll for cords of 20-40mm diameter: 90cmx55cm (diameter x height).

Cords with diameters of 60mm and larger are available in sections of 2mb.

CHOOSING A CORD

To guarantee optimum performance of the sealing cord select the appropriate cord cross-section for the slot.

During selecting a cord, it is recommended to use the table below:

Slot width [mm]	Cord diameters [mm]
<4	6
4-6	8
6-8	10
8-10	13
10-12	15
12-16	20
16-21	25
21-26	30
26-35	40
35-45	50
45-55	60

STORAGE

Sealing cord should be stored in dry conditions.

CONCLUDING REMARKS

This technical card is based on our knowledge and research. The manufacturer is responsible for the quality of the product and guarantees its high level. Manufacturer is not responsible for specific dilatation cord applications. When using the product the provisions of this technical data sheet, occupational health and safety regulations, good construction practice and local law must be observed.

