

FILTENE

PRODUCT DESCRIPTION AND CHARACTERISTICS

FILTENE is a closed cell polyethylene foam backer rod for joints, compressible, resilient, chemically inert, non-stick bond breaker compatible with all elastomeric sealants.

FILTENE is available in circular section cords in a range of diameters, which can be adapted to joints of any shape and dimension.



TYPICAL USES (professional)

Backing strip for any kind of joint between concrete pre-cast panels, curtain walls, elements of modular construction systems, partition walls, frames, floorings.

The insertion of a backing material has various functions both in static and in expansion joints:

- To achieve the optimum size and dimension of the joint in relation to the characteristics of the sealant employed, reducing the stresses onto adhesion and the internal ones.
- To prevent the adhesion of the sealant onto the back of the joint: also in the triangular joints it is important to prevent the sealant from adhering to the sides of the joint near the corner.
- To promote, when filling the joint, the wetting of the side walls.
- To save the consumption of the sealant.

In the event of joint not deep enough to hold the rod, the back of the joint should be nevertheless insulated with a release tape.

TECHNICAL DATA AND PACKAGING

Code	Diameter mm.	Packaging	Meters / box	Density (Kg/m ³)
1003630	6 ± 1	Rolls	2.500 ± 100	23 ± 5
1003631	10 ± 1	Rolls	1.150 ± 45	23 ± 5
1003632	15 ± 1	Rolls	550 ± 25	23 ± 5
1003633	20 ± 1	Rolls	350 ± 15	23 ± 5
1003634	25 ± 1	Rolls	200 ± 8	23 ± 5
1003635	30 ± 1,5	Rolls	160 ± 8	23 ± 5
1003636	40 ± 2	Rods 2m ± 4cm	270 ± 10	30 ± 5
1003637	50 ± 2	Rods 2m ± 4cm	180 ± 8	30 ± 5

Values given in this table must not be considered as specifications.

METHOD OF USE

The diameter of **FILTENE** should be 25% greater than the joint width to allow a stable positioning of the profile and to create a sufficient resistance to the pressure applied by the sealant during the laying.

FILTENE must be installed with a suitable tool, without scratching the surface, to prevent gas bubbles formation in the sealant.

The polyethylene foam is resistant to the solvents, nevertheless the adhesion promoters shouldn't be applied onto the rod in order to maintain the non-stick properties.

FILTENE can be fitted in the joint after the application of the primers.

STORAGE STABILITY

Practically no limit in the original pack kept in a dry place at a temperature range between +5°C/+30°C.

