

Conflex® Backer Rod

LIGHT & DURABLE CLOSED CELL POLYETHYLENE BACKER ROD FOR JOINT SEALANTS

DESCRIPTION

Conflex Backer Rod is a closed cell polyethylene foam supplied in circular cord lengths.

USES & ADVANTAGES

Conflex Backer Rod is used at the base of joint openings to provide the proper shape factor in a sealant. It is also water repellent, highly weather proof and chemical resistant.

Uses:

- Expansion joints.
- Horizontal paving or traffic bearing joints.
- Joints between exterior facing panels.
- Isolation joints.
- Control joints in masonry walls.
- Pipes, ducts and vent openings.
- Precast roofs.

Advantages include:-

- Economical and easy to install.
- Excellent shock absorbing and heat insulating properties.
- Chemical resistant.
- Provides proper shape factor.
- Provides support for sealants in horizontal joints.
- Acts as a water barrier.

PROPERTIES

Appearance: Light and durable grey backing rod

Density: 41-50 kg/m³

Thermal Conductivity: 0.027 w/mk at 10°C mean temperature and not subject to aging over a period more than 5 years (ASTM C177)

Tensile Strength

Longitudinal Direction: 44.6 N/cm²

Lateral Direction: 38.7 N/cm²

Elongation

Longitudinal Direction: 84.3 %

Lateral Direction: 77.0 %

Shore A Hardness: 25

(ASTM D2240)

Tear Strength

Longitudinal Direction: 35.5 N/cm

Lateral Direction: 29.5 N/cm

Water absorption: 0%

Temperature Range: -80 / +85°C

Ozone Resistance: No crack (ASTM D1149)

UV Resistance: > 5 years (ASTM G53-88)

Chemical Resistance: No change

Oil Resistance: No change

APPLICATION

The diameter of the backer rod is recommended to be approximately 20 to 25% larger than the width of the joint.

It should be positioned so that the required minimum sealant depth can be obtained. The circular section of the backer rod provides a convex face giving a minimum strain shape for elastomeric sealants while reducing the stress at the bond interface.

PACKAGING

Size	Pack Size
Diameter 6 mm.	100 metres / box.
Diameter 8 mm.	100 metres / box.
Diameter 10 mm.	100 metres / box.
Diameter 13 mm.	100 metres / box.
Diameter 15 mm.	100 metres / box.
Diameter 20 mm.	100 metres / box.
Diameter 25 mm.	50 metres / box.
Diameter 30 mm.	50 metres / box.
Diameter 50 mm.	2 metres / box.

STORAGE & SHELF LIFE

Store in clean area & dry conditions.

DO NOT PUNCTURE.

Shelf Life is indefinite. In hot climate it is preferable not to leave exposed for long periods.

HEALTH & SAFETY

There are no health hazards associated with **Conflex Backer Rod** in normal use.

TECHNICAL SERVICE

The Cormix International Technical Service Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

QUALITY ASSURANCE

ISO 9001 : 2015 verified by TUV Nord.

CONTACT DETAILS

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