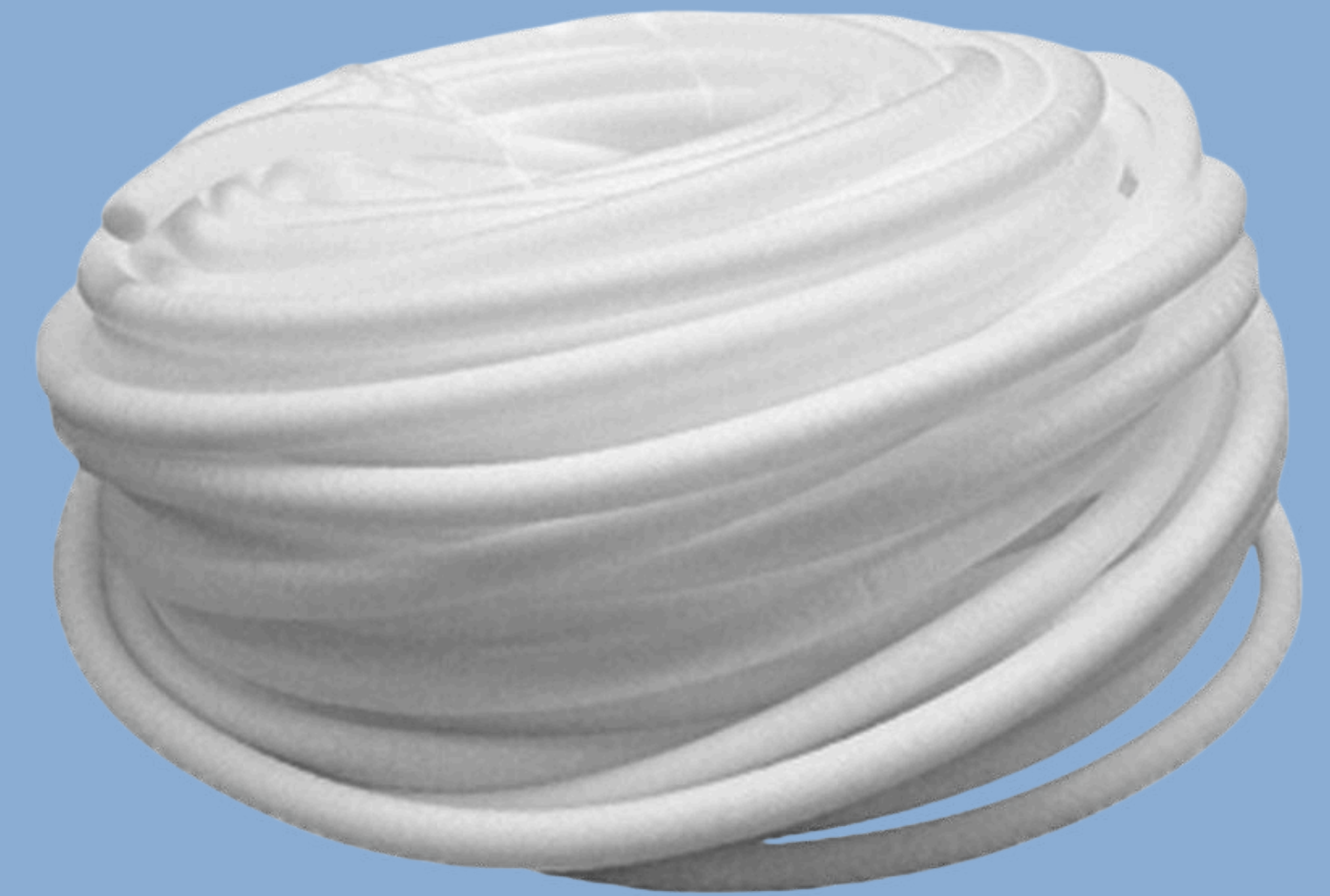


Backing Rod Closed Cell (6mm)

PRODUCT DESCRIPTION

Danterr's Backing Rod is a compressible, closed cell polyolefin foam rod designed as a backing material for cold-applied sealants in expansion and construction joints. With excellent dimensional stability and a non-absorbent, closed-cell structure, this backing rod prevents three-sided adhesion, ensures correct sealant geometry, and enhances joint durability. Free from heavy metals, plasticisers, and CFCs, it is a safe, inert, and sustainable solution for modern construction.



FEATURES & BENEFITS

- Made from closed cell polyolefin foam – water resistant and highly durable
- No adhesion to sealants – acts as a bond breaker for proper joint movement
- Excellent dimensional stability – resists sagging, shrinkage, and deformation
- Chemically resistant – unaffected by most solvents, oils, and mild acids/alkalis
- Non-toxic and odourless – safe for all building environments
- Rot-proof and aging resistant – long-term durability in harsh conditions
- Lightweight and flexible – easy to handle and install

APPLICATIONS

- Expansion and construction joints in concrete and masonry
- Vertical and horizontal joint filler
- Sealing of internal and external wall joints
- Window glazing, copings, and curtain wall construction
- Bridge abutments, civil works, and infrastructure projects

PACKAGING & AVAILABILITY

Code	Product Name
106237	Backing Rod Closed Cell 6mm x 250mm White

INSTALLATION INSTRUCTION

- Select a rod diameter approximately 20–30% larger than the joint width for secure fit.
- Carefully push backer rod into the joint with a blunt tool & cut to the desired length. If necessary, use the blunt tool or roller to secure the backer rod in the joint.
- Maintain correct depth-to-width ratio for sealant performance (typically 2:1).
- Apply joint sealant directly over the backing rod, ensuring full coverage.

TECHNICAL SPECIFICATIONS

PHYSICAL PROPERTIES

Property	Typical Value
Material	Polyolefin closed cell foam
Density	30–37 kg/m ³
Tensile Strength (Longitudinal)	3.3–5.8 kg/cm ²
Elongation (Longitudinal)	49–140%
Tear Strength	2.0 kg/cm
Compression Strength @ 25%	0.5–0.82 kg/cm ²
Compression Strength @ 50%	1.0–1.4 kg/cm ²
Compression Set (50%)	16–25%
Water Absorption	0.4 mg/cm ²
Operating Temperature	–80 °C to +80 °C
Colour	White

SAFETY INFORMATION

CLASSIFICATION

- Hazardous, Non-Dangerous Goods (Safe Work Australia GHS 7)
- Not classified as Dangerous Goods for road, rail, sea, or air transport

PRECAUTIONARY STATEMENTS

- Prevention: Keep out of reach of children. Avoid breathing vapours, mist, or spray. Wear gloves, protective clothing, and eye/face protection. Wash your hands after handling.
- Response: If on skin, wash with soap and water. If irritation persists, seek medical advice. Remove contaminated clothing and wash before reuse.
- Disposal: Dispose of product and containers in accordance with local regulations.

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FIRST AID MEASURES

- **Inhalation:** Move the victim to fresh air. Seek medical advice if symptoms persist.
- **Skin Contact:** Wash with soap and water. Seek medical attention if irritation continues.
- **Eye Contact:** Rinse with water for several minutes. Seek medical attention if irritation persists.
- **Ingestion:** Rinse mouth, do not induce vomiting. Give water to drink, seek medical advice.

FIRE FIGHTING MEASURES

- Suitable media: Water fog, alcohol-resistant foam, standard foam, dry chemical, or CO₂
- Hazards: May emit carbon oxides, nitrogen oxides, and hydrogen chloride on combustion
- Protection: Firefighters should wear SCBA and protective clothing

ACCIDENTAL RELEASE MEASURES

- Small spills: Wipe with an absorbent cloth or paper
- Large spills: Contain with sand/soil, collect in sealed containers. Slippery when spilt.

STORAGE AND HANDLING

- Store in a cool, dry, well-ventilated place away from open flames and ignition sources.
- Keep in original packaging until use.

ECOLOGICAL INFORMATION

- Avoid release to waterways
- Not hazardous to aquatic life (acute or chronic)

DISPOSAL CONSIDERATIONS

- Dispose via licensed contractors
- Do not pour into drains, waterways, or landfill
- Recycle packaging where possible

TRANSPORT INFORMATION

- Not classified as Dangerous Goods (road, rail, sea, or air)