

Crocodile Backing Rod

Polyethylene foam



Closed cell polyethylene foam

Crocodile Backing Rod is a closed-cell, polyethylene foam joint filler and backing for elastomeric sealants such as polyurethane, silicone, acrylic, hybrid & polymer-based sealants. It compresses easily to accommodate joints of varying widths.

Product features

- Manufactured from closed cell low density polyethylene foam (LDPE)
- No outgassing; Class HF-1
- Light weight, highly flexible and compressible
- UV resistance
- No water absorption
- Chemical resistance
- Non-toxic

Application Instruction

- The joint must be clean, dry and free of obstructions.
- Backing Rod should be 20-30% wider than joint or penetration to be filled
- Gently press the rod into the joint or penetration using a blunt edged tool

Storage

It should be kept in a dry place, and the temperature is not too high to avoid product degradation.



Technical Data

Test	Test Method	Evaluation
Density	JIS K6767	41-50 kg/m ³
Thermal conductivity	ASTM C177	0.027 W/m.K
Tensile Strength	JIS K6767	44.6 N/cm ²
Elongation	JIS K6767	84.3 N/cm ²
Tear Strength	JIS K6767	35.5 N/cm ²
Compression set (at 10% Deformation)	JIS K6767	5.2 N/cm ²
Temperature range		-80 / +85 °C
Moisture absorption	ISO 2896	0 %

Dimension

Rod diameter		Linear (m)
mm	inch	
6	1/4	100
8	1/3	100
10	3/8	100
13	1/2	100
15	5/8	100
20	3/4	100
25	1	50
30	1 1/4	50
50	2	2

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