I-ROD® FREQUENTLY ASKED QUESTIONS

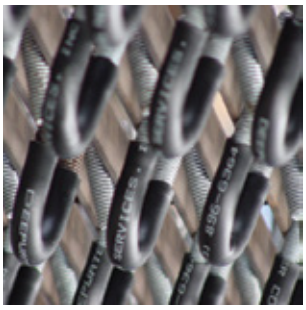
Q: "What is the difference between an I-Rod pipe support and a Nu-Bolt?"
A: I-Rod thermoplastic is the white, half-round rod we use for all types of pipe supports, and that's why we call the brand I-Rod. A Nu-Bolt assembly is simply one form of an I-Rod pipe support. The Nu-Bolt is one piece of I-Rod fitted on a coated U-bolt with 4 nuts. Download the I-Rod Catalog.

I-Rod is part of a Nu-Bolt

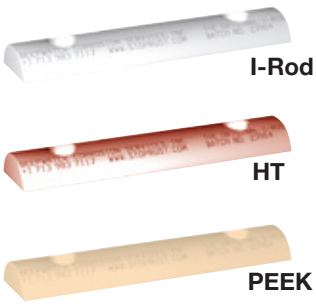
Q: "Is I-Rod made of Teflon®?"
A: No. I-Rod is a high-impact thermoplastic material. Teflon and Delrin are commonly used to try to copy I-Rod, but both fail, causing dangerous pipe corrosion. Teflon is not suitable because it lacks sufficient compressive strength.


Failed I-Rod imposter

Q: "Is the material on a Nu-Bolt neoprene?"
A: No. It is a cross-linked, heat-shrinkable polyolefin material. Neoprene would have to be vulcanized to stick to the U-Bolt; as a result, it would deform too much and cause problems with moisture retention. The main purpose of the heat-shrink is to minimize damage to the pipe coating during installation.


Polyshrink applied to NuBolts

Q: "What is the maximum piping temperature that I can use I-Rod on?"
A: Normally, at temperatures above 90°C (194°F), crevice corrosion is not a problem because the water simply evaporates; therefore, that's our upper recommended continuous service temperature. However, the material will perform up to 120°C (250°F), but may experience some slight deformation at the contact area. There is a high-temperature version of I-Rod available for extreme heat; please contact us if you have questions about this HT material.



I-Rod is available in three materials

Q: "Does I-Rod create a stress-raising point on the pipe?"
A: No, not if the piping is correctly supported along its length. If there is noticeable sagging between support points, then the pipe is being overstressed and is inadequately supported. Note: I-Rod has been used on hundreds of thousands of pipe supports for over 25 years, and we have never seen a problem.


Well-supported pipes are no problem.

Q: "How do I know I'm buying real I-Rod and not some inferior imitation?"
A: Every shipment of I-Rod is traceable, and is sent with a certificate of authenticity. All I-Rod is distinctly marked.


Authentic I-Rod is distinctly marked.

Q: "How can I secure the I-Rod to the beam? Is there an epoxy glue I can use?"
A: I-Rod Adhesive is designed to securely anchor strips of I-Rod in situations where drilling and bolting would be difficult. It provides a permanent bond to concrete or steel surfaces.


I-Rod Adhesive permanently bonds.

Q: "What is an I-Rod Clip?"
A: I-Rod Clips are used to line saddle-clamp-style supports and Grinnell clamps. Made of the same thermoplastic material (I-Rod), they are designed to prevent crevice corrosion at more substantial weight-bearing supports. They are available in sizes to fit standard Grinnell clamps and pipe cradles, and can also be custom-sized or pre-installed in Grinnell clamps.


I-Clips on a Grinnell pipe clamp

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