

Protecting America's Infrastructure and Workers

Bevel-Sert - a new installation product solution that saves time and money, alleviates corrosion, while also being sustainable, long-lasting and safe for workers.

Pipes are vital to connect the water (and wastewater) sources to consumers and businesses efficiently, economically and reliably. Yet, The American Society of Civil Engineers graded the U.S. water underground water infrastructure a "D." (There are 657 water main breaks each day in North America.) And, from the American Water Works Association: "Assuming every pipe would need to be replaced, the cost over the coming decades could reach more than \$1 trillion."

Introducing Bevel-Sert

The Bevel-Sert is an HDPE NSF-61 certified beveled radius ring. When used with mechanical joint and push-on fittings, it acts as an insulator and a barrier between the two pipes.

It helps to stop electrical current at the assembled joint and, in effect, mitigate corrosion.



Save Time & Costs



The Bevel-Sert takes just one minute to install, saving on the costs of repair and installation.

Eliminate an OSHA-prohibited Repair Process



The Bevel-Sert eliminates the need to use the side of a saw blade in grinding a bevel.

Reduce Corrosion by up to 99%



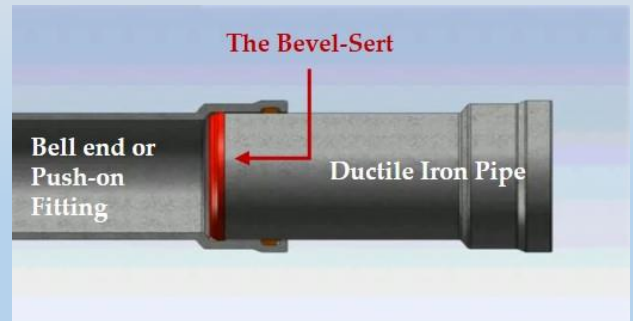
The Bevel-Sert reduces the electrical continuity between the pipe segments.

- ▶ Cost effective, faster, easier, safer and reliable
- ▶ Sustainable, long-lasting
- ▶ A valuable solution to our water infrastructure pain points
- ▶ Scalable to meet anticipated demands
- ▶ Well-thought of by key customer groups
- ▶ Patent-protected



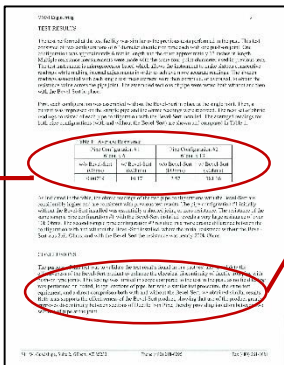
The Bevel-Sert Technology

- ▶ The Bevel-Sert is a pre-beveled radius that snaps into the female (or bell) end of the pipe in front of the rubber gasket.
- ▶ When the spigot end is pressed into the bell, the Bevel-Sert wraps around the plain end and provides a smooth movement without any damage to the gasket.
- ▶ Bevel-Sert reduces corrosion potential by significantly reducing electrical continuity between the pipe segments.
- ▶ Conforms to the outside diameter of the spigot end of Ductile Iron or PVC pipe.
- ▶ Integral flange acts as a bendable wrap for the plain end of the pipe allowing the spigot end passage past the rubber gasket in the bell end.
- ▶ Reduces the frequency of cut, rolled or damaged rubber gaskets.



Two independent engineering studies of the Bevel-Sert – 2002 and 2012. From the 2012 test:

“Both tests support the effectiveness of the Bevel-Sert... the product greatly improves discontinuity between sections of Ductile Iron Pipe... providing isolation between... (the) pipes”



“The ohmic readings ... with the Bevel-Sert are considerably higher...”

Table 1: Average Resistance

Pipe Configuration #1 6"dia. x 6'		Pipe Configuration #2 6"dia. x 13"	
w/o Bevel-Sert (Ohms)	w/ Bevel-Sert (kOhms)	w/o Bevel-Sert (kOhms)	w/ Bevel-Sert (kOhms)
0.00719	10.17	2.57	181.16

Bevel-Sert saves ~30%-92% in installation costs when comparing crew costs (time and tools):

Bevel-Sert Size	Avg. Low End Crew Costs		
	Beveling w/ Grinder	Installing Bevel-Sert	Savings
4"	\$29.75	\$20.86	-30%
12"	\$158.33	\$39.20	-75%
20"	\$800.00	\$81.59	-90%
36"	\$1,050.00	\$199.10	-81%
48"	\$1,500.00	\$249.06	-83%

- ▶ At the low end of crew costs (time and equipment), Bevel-Sert is ~30%-90% lower.
- ▶ At the high end of crew costs, Bevel-Sert is ~43%-92% lower.
- ▶ Additional reduction and savings in medical insurance claims.

Contact Us:

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Economical, Easier, Faster, Safer