

Correcting DIPRA's Fantasy World:

FALSE. Thinner-walled ductile iron pipe can corrode and is prone to breaking and leaking and has a life expectancy of 11-14 years in moderately corrosive soils.

LAUGHABLE. PVC pipe is CONSIDERABLY more affordable than ductile iron pipe since it's less expensive to buy and install and performs better over time.

... It's why DIPRA doesn't want PVC pipe to be included in bids for water projects - because DIPRA knows PVC pipe will win on the merits.

RECKLESS FEAR MONGERING. The safety of drinking water from PVC pipes has been tested and validated more than 10 million times through rigorous water quality testing.

WHAT'S MORE, NSF International, as well as the FDA and CPSC, have confirmed the safety of drinking water from PVC pipe.

HYPOCRISY ALERT: PVC pipe manufacturing facilities have a significantly lower carbon footprint than ductile iron pipe manufacturing which uses enormous amounts of carbon fuels to melt metal. #NicetryDIPRA

**Ductile Iron...
The Natural Choice**
FOR HEALTH & THE ENVIRONMENT

Utility leaders choose Ductile iron pipe for performance, cost savings—and freedom from worry over the dangerous chemicals in synthetic PVC plastic pipes.

Modern Ductile iron pipe:

- 38% more energy efficient than PVC
- 13x the impact strength of PVC
- Up to 98% recycled content for resource reuse
- 100-year life expectancy—affordable for generations

It's no wonder Ductile iron is the pipe of choice for safe water delivery.

dipra
Ductile Iron Pipe Research Association

www.dipra.org **Strength and Durability for Life** SMART certified

The advertisement features a scenic background of a lake and mountains. Red annotations include circles around 'The Natural Choice', 'cost savings', 'dangerous chemicals in synthetic PVC plastic pipes', 'energy efficient', '13x the impact strength of PVC', 'Up to 98% recycled content for resource reuse', and '100-year life expectancy'. Red arrows point from these annotations to external text blocks on the left and right sides of the image.

JUST CURIOUS: Are you forgetting that your product is lined with cement - which can be a potential source of heavy metal leaching? Or the corrosion that can create a breeding ground for legionella and other dangerous pathogens?

NOPE. Ductile iron pipe's pumping efficiency declines because its internal pipe wall degrades and roughens over time. PVC pipe's inner walls remain smooth over its lifetime, maximizing pumping efficiency.

WRONG. Ductile iron pipe's cement mortar linings are known to crack and chip when installed, and during use - which exposes potable water to an uncertified pipe wall. #yuck

Are you referring to ductile iron pipe made from recycled cars - which releases more toxins into the environment than pipe made from virgin iron ore?

WRONG AGAIN. Thinner-walled ductile iron pipe has a 50-year service life or less based on failure data, a lack of independent dig-ups, and pipe material testing studies.

Source: Life Cycle Assessment of PVC Water and Sewer Pipe and Comparative Sustainability Analysis of Pipe Materials