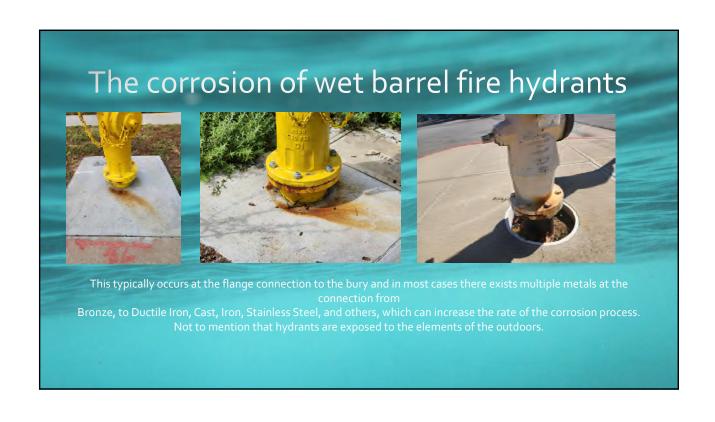


We can't guarantee fire hydrants & water meters won't corrode, but we can do something to prevent or prolong the occurrence of corrosion on them!













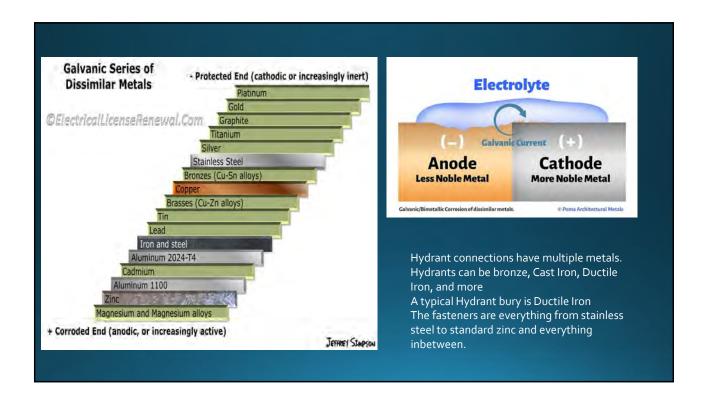






## **Galvanic Corrosion**

Galvanic corrosion (dissimilar-metal corrosion) is an electrochemical process in which one metal corrodes preferentially, when in electrical contact with a different type of metal, and both metals are immersed in an electrolyte such as water. This can be increased when there are three or more metals.



There is an easy solution to prolong this corrosion process or even prevent it.

Use a typical Flange Isolation Gasket Kit!!

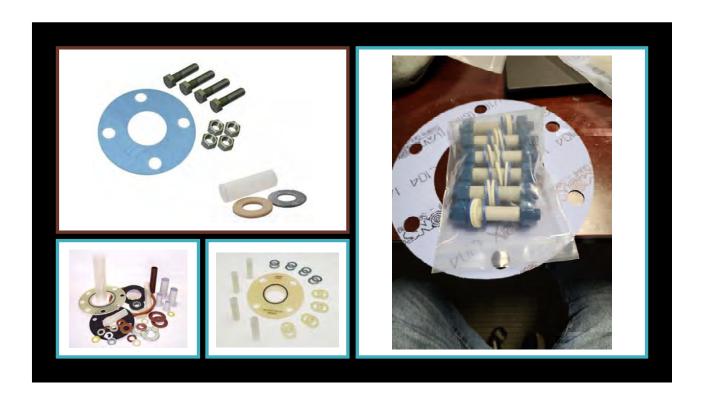
A kit consist of a gasket, bolt sleeves, and dielectric washers.

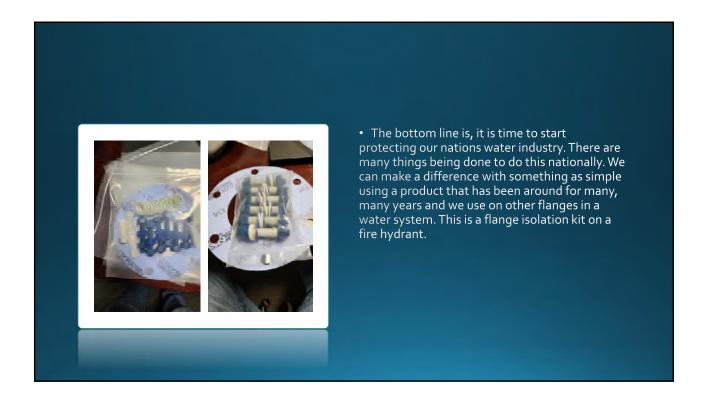
There are many combinations of these kits from economical to high end G10 materials. But what does it cost to repace a hydrant or the bury?

Many gaskets can be used for an isolating kit from, EPDM, Fiber, phenolic, red rubber, to GRE or G10 glass polymer.

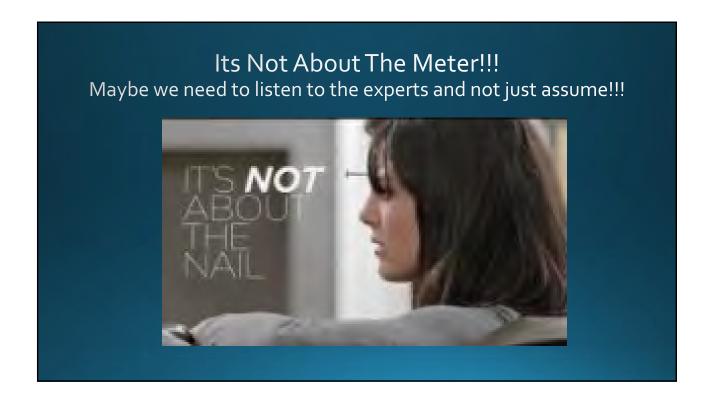
Sleeves can be Mylar, Phenolic, PVC, Poly, and G10

Dielectric washers can be Phenolic or G10, in some cases they are a coated steel washer





Part 2 — Water Meter Corrosion Protection



The experts will tell you that you will have major corrosion on a commercial and residential water meter, but it doesn't just corrode. The latest technology is affected too. Radio read or automatic reading meters are affected by an aspect of corrosion.









