

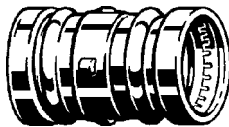
ProPress® Stainless Galvanic Corrosion Prevention

Galvanic corrosion (or dissimilar metal corrosion) is the process where metals in direct contact with each other corrodes or oxidizes. The metals corrode by creating an electrochemical path which allows metal ions to move from one metal to the other metal. Metals joined together should have an 'Anodic Index' difference of 0.25V or less to prevent galvanic corrosion under normal conditions.

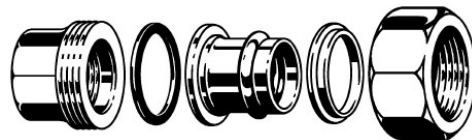
Copper & stainless steel (either 304 or 316) have an 'Anodic Index' difference greater than 0.25V. Connecting copper to stainless steel requires a transition fitting between the metals to stop the galvanic corrosion.

Viega recommends the following types of fittings to stop the galvanic corrosion process between copper & stainless steel.

1. any ProPress bronze fitting
2. any ProPress or ProPress Stainless di-electric union
3. any ProPress or ProPress Stainless flange



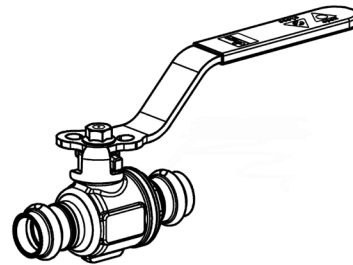
Bronze Fitting



Di-electric Union



Flange



Bronze Valve

Viega... Your Connection to Innovation.

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