



# Gates TuffCoat™ Plating

## 5X BETTER CORROSION RESISTANCE!

Leads the industry in corrosion resistance per standardized salt-spray tests per SAE.

Offers a 400 percent improvement in plating protection from corrosion incurred during standard SAE salt-spray tests.

Endures a minimum of over 400 test hours before the formation of red corrosion appears.





# Gates Exclusive TuffCoat™ Advantage

**The standard in corrosion resistance.**

Gates innovative TuffCoat™ plating technique gives our couplings four times more corrosion resistance than the competition. That's 400 hours of red rust corrosion protection when subjected to rigorous SAE-J516 and ASTM-P-117 salt-spray conditions. This 500 percent improvement over the 72-hour SAE standard proves Gates not only raised the bar on corrosion resistance — we've set the standard.

Gates manufacturing process does not affect the fit, form, dimensions, corrosion resistance or torque recommendations of its hydraulic couplings. In fact, since the introduction of TuffCoat, Gates has reduced product returns due to plating non-conformance by 75 percent. And, manufactured to be environmentally friendly, TuffCoat plating is made without hexavalent chromium, a known hazardous material that is common in industrial plating.

With its TuffCoat plating, Gates tackles traditional industry-wide concerns with rust corrosion head-on. The plating is a more consistent color blend of silver, versus the sometimes-splotchy appearance of the old plating, which was gold in color. This demonstrates Gates continued leadership position in hose and coupling technology.



Images taken after the completion of SAE-J516 salt-spray testing show that Gates TuffCoat plating significantly outperforms competitive products in its ability to protect against red rust corrosion. Note: the white seen on the couplings is salt residue, which is not corrosive.



A Tomkins Company

**The World's Most Trusted Name in Belts, Hose and Hydraulics.**

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