

ToughShield™ Plus

Zinc Nickel Plating for Steel Tube Fittings and Adapters



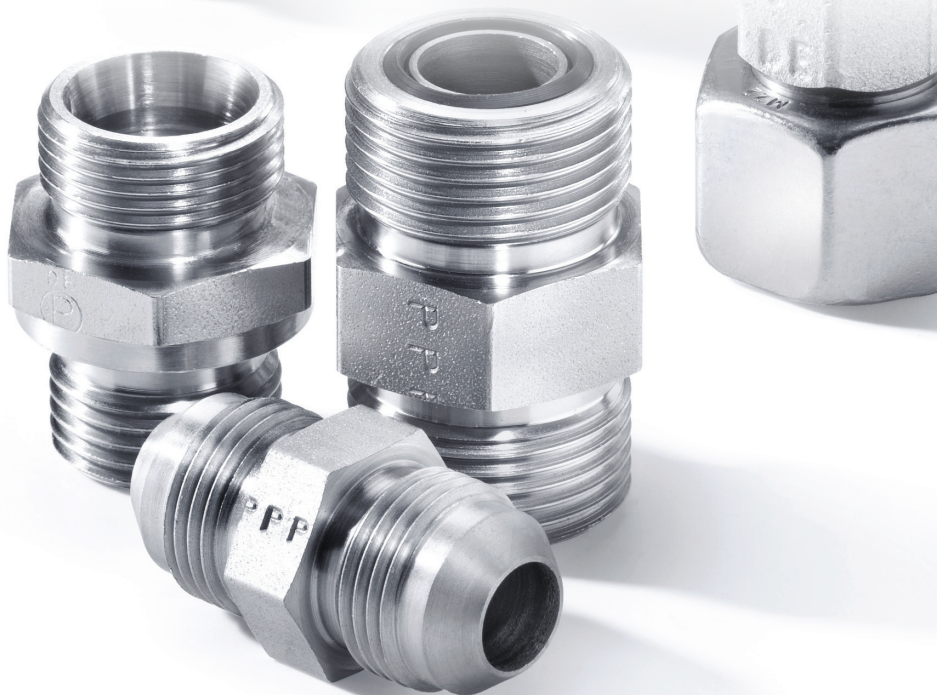
ENGINEERING YOUR SUCCESS.

New ToughShield™ Plus plating provides significantly longer corrosion protection

As part of an ongoing commitment to providing customers with superior products, Parker introduces ToughShield Plus zinc nickel plating. The transition to ToughShield Plus—which offers industry-leading corrosion protection—will begin in 2021.

ToughShield™ Plus

ToughShield Plus plating offers longer corrosion protection, providing end users with less frequent and easier maintenance, extended fitting service life, and increased resistance to the migration of rust to adjacent components.



New Parker standard plating for steel fittings and adapters

Zinc nickel plating is already recognized for providing exceptional corrosion protection. Building on that knowledge, Parker's engineering team developed ToughShield Plus, a zinc nickel plating that goes a step beyond. In salt spray testing, fittings remain corrosion-free significantly longer. This new standard plating helps protect customers' systems longer.

Seamless plating transition

Fittings and adapters with ToughShield Plus are engineered and tested for a seamless transition into customer systems, offering full compatibility with the zinc and zinc nickel plating on current Parker fittings.

Customers can expect NO CHANGES TO:

- Assembly procedures
- Pressure ratings and performance
- Industry specifications and approvals
- Paintability
- Environmental compliance including REACH, RoHS and ELV

Visually, there is a slight color change from silver to gray.

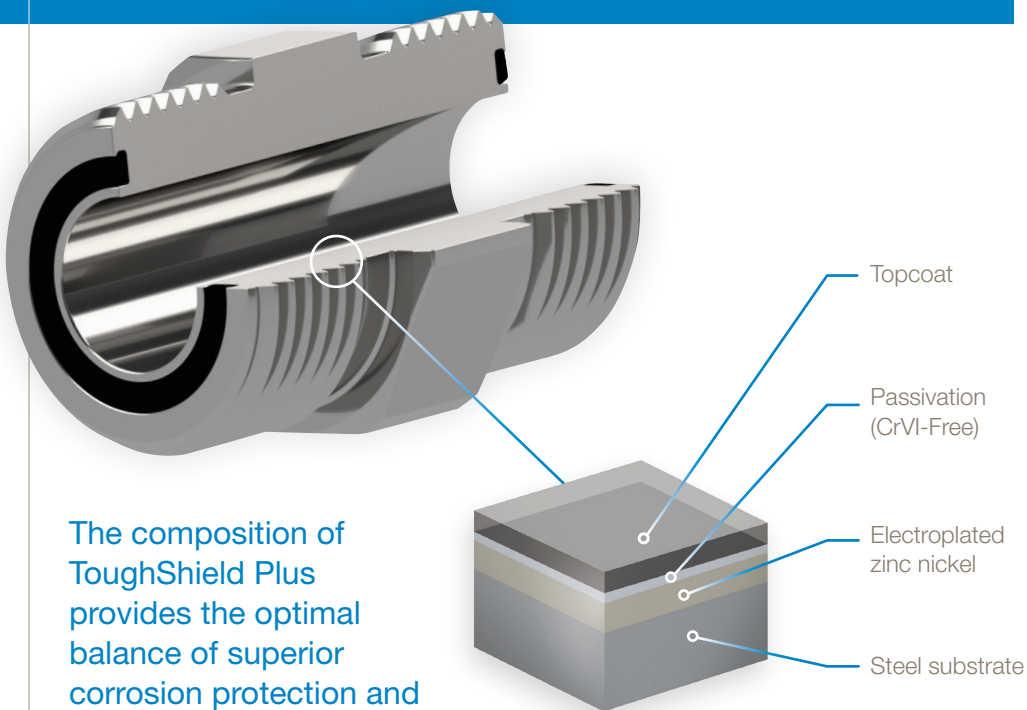
ToughShield™ Plus

Continuously working to improve the life of customers' systems

Parker's engineering and metallurgy experts, working closely with our customers, are dedicated to fundamentally understanding the cause of corrosion and how it progresses. As a result, new ToughShield™ Plus plating offers a significant improvement to corrosion resistance versus other available plating technologies.



ToughShield™ Plus zinc nickel plating forms a protective shield against costly corrosion.



The composition of ToughShield Plus provides the optimal balance of superior corrosion protection and assembly performance.



Industry-leading corrosion protection



Reduced maintenance and downtime



No change to assembly procedures

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