

# BLUECOAT

## PIPE HANGER & SUPPORT HARDWARE COATING

### General Description

BlueCoat is a fastener class coating material. This fluoropolymer based material is a waterborne/VOC-compliant, resin bonded, thermally cured, single film coating. It is primarily formulated for use on fasteners to prevent corrosion. BlueCoat is applied with specialized equipment, under controlled conditions, by a licensed applicator for shipment to the customer.

BlueCoat offers a superior alternative to zinc plated, hot dipped, 304 stainless steel and 316 stainless steel pipe support hardware.

### Substrate Information

BlueCoat is applied to numerous substrates such as steel, aluminum, brass, high alloy steels, stainless steel, titanium and zinc plating.

### Temperature Range

BlueCoat can be used continuously from -58<sup>0</sup>F (-50<sup>0</sup>C) to +350<sup>0</sup>F (+176<sup>0</sup>C) and can resist +400<sup>0</sup>F (+204<sup>0</sup>C) intermittently.

### Corrosion Resistance

BlueCoat applied at 1 mil dry film thickness, over zinc phosphated steel panels, has exceeded 1500 hours of ASTM B-117 salt fog test. Far superior to zinc plated, cadmium plated and hot dip galvanized steel substrates.

### Physical Properties

Pencil Hardness	2-3 H
Dielectric Strength	500 V/mil
Coefficient of Friction	.05 – 0.10

### Chemical Resistance

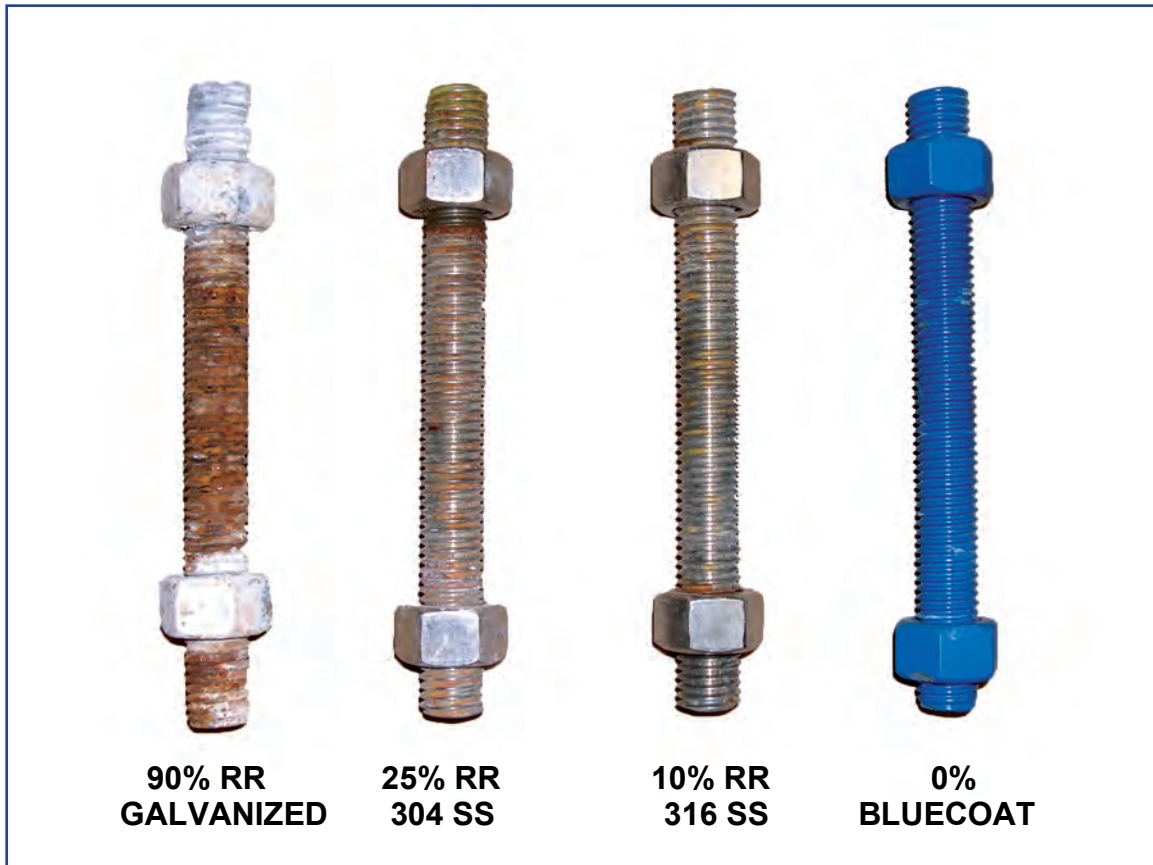
BlueCoat will withstand most solvents, waters, automotive fluids and fuels up to 200<sup>0</sup>F

### ASTM B117 Salt Spay Test



BlueCoat treated single pipe roll support after 2500 hours.

STANDARD ASTM B117 SALT SPRAY TEST @ 350 HOURS



15% Red Rust (RR) is considered failure.

Standard salt spray tests illustrate the superior performance of BlueCoat under extremely harsh laboratory conditions.

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