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°F (-50°C) to +350°F (+176°C) and can resist +400°F (+204°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°F

ASTM B117 Salt Spay Test

BlueCoat treated single pipe roll support after 2500 hours.
15% Red Rust (RR) is considered failure.

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