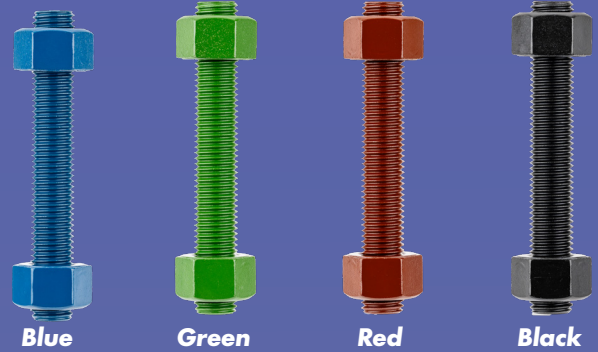


The Fluorokote #1® Difference

Extensive testing and field use have proven the superiority of the Fluorokote #1® fastener coating system. This proprietary coating system is a top of the line competitor against any corrosive environment. Whether its heavy salt, heavy chemical, or heavy corrosion, Fluorokote #1® succeeds where other coatings fail. Fasteners coated with Fluorokote #1® are able to withstand below freezing temperatures, extreme torquing, and the most corrosive of environments with minimal deterioration. Other popular fluoropolymer coatings claim they can beat us, but none come close. Exclusivley applied by Metal Coatings Corp. in Houston, TX, we ensure that each fastener is coated the same great way, every single time. Fully covered, thats our thread and butter.

Fluorokote #1® Coating System



Market Applications

Oil & Gas | Offshore & Marine | Petrochemical
Chemical Service | Mining | Waterworks
Industrial OEM | Aerospace & Defense | Renewables

Fluorokote #1® Technical Data:

Use Temperatures	-320°F to 500°F (-196°C to 260°C)
Corrosion Resistance	4500 hours (ASTM B117-26)
Pencil Hardness	6H (ASTM D3363-22) 7H (ISO 1518:2020)
Kinetic Friction Coefficient (Post PFAS compliant reformulation)	.14 +/- .01 (ISO10647)
Thickness	Nominal 0.001" (1mil)
Impact	140 in lb (ASTM D2794-93:2019)
Adhesion	5B (ASTM D3359-23)
Dielectric Strength	500 Volts per mil
Elongation	35% to 50%
Tensile Strength	4,000 psi
Operating pressure	Up to 100,000 psi
Kesternich Test	Less than 5% rust after 30 cycles (DIN 50018)
Thread Fit	Overtapping of nuts 0.050" - 0.010" (recommended)

Hand Tight
From the box to the field



Inside Fluorokote #1®

