

Blue T-Bolts and Nuts

Submittal Information



The Fluorocarbon Tee-Bolts and Nuts furnished by Sigma Corporation are manufactured in accordance with and meet all applicable terms and provisions of specification AWWA C111/A21.11.

The Bolts and Nuts are manufactured of high-strength, low-alloy steel. The internal and external threads shall conform to ANSI/ASME B1.1 and ANSI/ASME B1.2.

The steel will have the following properties:

Minimum Yield Strength –	45,000psi
Minimum Elongation in 2in –	20%
Carbon –	Max 0.20%
Manganese –	Max 1.25%
Sulfur –	Max 0.05%
Nickel –	Min 0.25%
Copper –	0.20%
Combined (Ni, Cu, Cr) –	1.25

Coating Analysis:

Coefficient of Friction	0.02-0.10
Thickness	0.0005-0.0025
Continuous Use Temperature	-420°F-500°F
Tensile Strength	2,000-4,000psi
Corrosion Resistance (Salt Spray ASTM B117)	Up to 4,000 Hrs.

For any further information please contact the Engineering Department at engg@sigmaco.com or call (800) 999-2550.