

MATERIAL/APPLICATION GUIDE - COUPLING NUT MATERIAL

	STANDARD OR OPTIONAL	TYPICAL APPLICATIONS
<p>ANODIZED ALUMINUM Stronger & more durable than regular aluminum with increased corrosion resistance and surface hardness. Highly resistant to scratches & wear. Resists moisture and salt spray. Durable and equipment, pulp and paper. easy to maintain - cleans easily.</p>	Standard	Good to use in applications where durability is critical including food manufacturing & prep equipment, automotive production, general manufacturing, marine industry, medical & dental equipment, pulp and paper.
<p>STAINLESS STEEL Rated to IP68 and can withstand 1200 PSI applications with water, detergents & surfactants. Corrosion resistant, retains strength at high temperatures, easy cleaning, attractive appearance, excellent impact resistance, high resistance to shock at low & high temperatures. Provides the longest protection against freezing and rusting.</p>	Optional	Excellent for wash down environments and food industry applications or any place caustic materials are used. Ideal for use in hospitals, dairies, automotive, conveyors, chemical & petrochemical plants, oil & gas offshore and onshore, power generation.
<p>NICKEL PLATED BRASS Superior protection against corrosion. Provides enhanced appearance and superior conductivity. More economical than stainless steel. Resistant to salt water, weak acids and alkalis, alcohol, esters, ketones, ether, gasoline, mineral oil, animal and vegetable oil.</p>	Standard	Ideally suited for washdown environments in food processing plants at ASTM salt spray tests indicate corrosion resistance with similar properties of stainless steel. Also suited for wastewater treatment facilities, offshore & marine industry.
<p>PEEK POLYMERS High performance thermoplastic with melting temperature of 649°F. Exceptional strength. Excellent resistance to wide range of chemical environments even at higher temperatures. Insoluble in most common solvents. Can be used in steam or high water pressure. Resistant to oil, fire and smoke.</p>	Optional	Well suited for use in automotive and transport machinery, food & beverage equipment and parts, industrial and chemical processing equipment, medical & healthcare devices, military & defense equipment, oil and gas machinery, deep drilling components textile machinery.