



Product Evolution® Specification:

Gasket - One isolating and sealing gasket, type "F", .125" nominal thickness. A 316 stainless steel core fully encapsulated with a proprietary, abrasion resistant isolating coating not to exceed .015" in DFT (dry film thickness). The gasket shall include a RESTR PTFE ID seal that is designed to meet the bore I.D. after compression and be positively attached to the "C" ring by a radial and axial locking mechanism. The gasket will also include a coated, pressure energized metallic "C" ring constructed of Inconel 718. The gasket will be tested to, and have passed, API 6FB fire testing in multiple sizes and classes. The isolating coating shall have a dielectric strength of at least 1,100 volts per mil.

Washers – Four isolating washers per bolt or stud assembly. A dark brown, electrically isolated washer with 316 stainless steel core. The product will be rated to at least +500F and -300F as a minimum temperature. The dielectric value (ASTM D149) shall be at least 1,100VPM and water absorption will be between - (ASTM D570) - .01%-.02%. Abrasion resistance will be less than 10 wear index per ASTM D4060 Abrasion Testing. The washer ID will be of custom diameter to accommodate the sleeve wall thickness.

Sleeves – One G11 sleeve per bolt. The sleeve length shall be the combined thickness of the flange, plus raised face or RTJ height, plus gasket, plus three washers. The wall thickness shall be a nominal 1/32" thick.