

VCS Specification

For operating conditions up to 302°F, predominantly used in higher pressure applications:

1. The VCS gasket is a 316SS cored* G-10 laminated** gasket with a single PTFE spring energized seal, or an elastomeric O-ring seated in an isolating laminate which is permanently bonded to a high-strength metal gasket core.
2. Sleeves and washers – The VCS gasket will often come as a “double washer set flange isolation kit.” In this case, G10 washers are accompanied by zinc plated steel washers which allows for added protection of the nuts, bolts and flange. An Alternative to G10 washers are GPT's Diamond-Hyde™ coated HCS washers that contain an abrasion resistant, low friction coating. Washers will be designed to fit over insulating sleeves. Washers will be a nominal 1/8" thick. Sleeves are G10 material and 1/32" in thickness. Sleeve will be designed to mate with separate isolating washers.
3. Packaging - Gaskets shall be packaged with NPS, pressure class, GPT sales order number, gasket manufacturer's name, and material designation marked on the gasket itself.

*Core Options: 316LSS, 625/825 Inconel, SMO 254, AL6XN, Xeron 100, Duplex/Super Duplex

**Carrier Options: G10, G11, G10CR

