

VCS-ID® Specification

For operating conditions up to 302°F, where use for chemical resistance is needed:

1. The VCS-ID gasket is a 316SS cored* G-10 laminated** gasket manufactured with a machined PTFE inside diameter seal that ensures the tightest seal at the pipe bore. This concave seal is accompanied by a second 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-ID is offered with G10 and zinc plated steel washers. 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 and 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, G10 CR

***A second PTFE spring energized seal, or an elastomeric O-ring is included when the gasket size is 6" and larger

