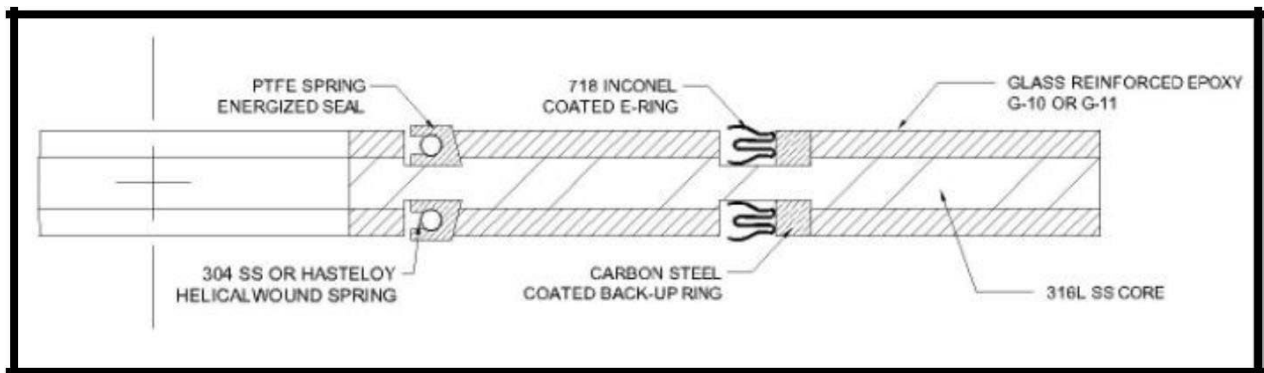


VCFS™ Data Sheet (HT)



Gasket Properties*

Carrier: NEMA Grade G11

Color: Tan

Fluid Services: Oil and Gas

Maximum Operating Temperature (°F/°C): 392°F/200°C

Minimum Operating Temperature: (minus): -50°F/ -45°C

Maximum Pressure Class: ASME 2,500#/API 5,000

Typical Physical Properties*

Water Absorption (%): ASTM .09 Typical

NEMA Grade G10 Mechanical Properties*

Tensile Strength (PSI): 41,000

(ASTM D638)

Flexural Strength (PSI): 57,000

(ASTM D790)

Flexural Modulus (Kpsi) LW/CW: 2,900/ 2,600

(ASTM D790)

Compressive Strength (PSI): 50,000

Thermal Properties*

Coefficient of Linear Thermal

Expansion (thickness tested .125") X-axis / Y-axis: 10.0 /

13.0 (IPC-TM 650-2.4.24)

Flammability Rating: Fire retardant

Electrical Properties*

Dielectric Strength (V/mil): 550

Isolation Kit Options:

Seal Types: Teflon (PTFE), Viton, E-ring

Sleeves: G11 only

Washers: DH

GRE options: G11

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

** Blue type indicates standard material.*

GPTs VCFS has passed API 6FB Fire Test Covered

under patents 266755, 7976074, 2271866

Notes:

This is a general guide and should not be the sole means of selecting or rejecting this material. * Values do not constitute specification Limits

†See GPT chemical resistance guide.

‡All isolation products are affected by exposure to heat and moisture where electrical isolation is concerned. Please note that field values may vary from test values due to exposure to one or both of these environmental factors.