**Gasket material: Stainless Steel-316 (16Cr – 12Ni –2Mo)**

Reference: ASME SEC II Part-D (2013)

Modulus of Elasticity:

28.5e^6 psi (at 0°c)

27.87e^6 psi (at 60°c)

Yield strength:

30 e^3 psi (at 0°c)

27.92 e^3 psi (at 60°c)

Ultimate tensile strength:

70 e^3 psi (at 0°c)

65.1 e^3 psi (at 60°c)

Thermal conductivity:

8.2 Btu/hr‐ft‐°F (at room temperature)

8.54 Btu/hr‐ft‐°F (at 60°c)

Poisson’s ratio = 0.3