

Winner's products rated pressure are complied with NFPA T2.6.1 fatigue test. According to NFPA T2.6.1, Winner test for product life at least 1 million cyclic test pressure (CTP) at 350 bar (5000 psi) rated pressure. Verification in fatigue test of NFPA T2.6.1, it is available to intermittently apply at 420 bar (6000 psi). Please check the following fatigue test items. For more detail information please refer "Fatigue and Burst Pressure Test Standard".

Fatigue Test :

- 350 bar (5000 psi) CTP for 90% cycle
- 420 bar (6000 psi) CTP for 10% cycle (420 bar = 350 bar x1.2)

Application of manifold, most common materials used in the US :

- 6061-T6 aluminum : 210 bar (3000 psi)
- 65-45-12 ductile iron : 350 bar (5000 psi)

If you have requirement on using valve or manifold that over 350 bar (5000 psi) rated pressure, please feel free to contact us.