

SureFlo Chemical Injection System

PTC's SureFlo-R retrievable Chemical Injection Valve is accredited to the most extreme barrier and erosion testing requirements. SureFlo-R's anti u-tube system and dual barrier check valve design, provides stable chemical injection, enhanced well integrity and well up-time. Since its introduction, the product family has achieved significant market penetration with all major Operating Companies.



New Technology –

- Refer Technical specification detail
- Material: AISI 410S, 420M, 25%Cr, S13%Cr, Alloy 718
- 1.5" valve size, 718 material
- 100-5000 psi crack open pressure
- 19-150 C op. temp.
- 10,000 psi back check op. pressure
- Design and manufacture in accordance to API 19G1 & 2 / ISO 17078-1 & 2
- Design, built and test ISO 14310-V1/V0

High-end capillary chemical injection system with side pocket mandrel or sub (integral part of tubing string) based systems. See the attached product flyers for more comprehensive description.

New Technology – Benefit – Field proven design and operation
Case dependant. Estimated value creation (savings) is between USD 500,000 to USD 15 mill. Production rate, life time of well, oil price, cost of deferred production and severity of well problems will influence the value creation.

- 1) Operation Optimization: Increases well up-time
- 2) Reservoir Performance: Maintaining clean tubing ID reduces friction and back pressure, thus providing more production
- 3) Well Integrity assurance etc.: Barrier qualified check valve enhances well integrity

- 1) High reliability and longevity
- 2) Increased well up-time
- 3) Barrier qualified check valve providing Enhanced Well Integrity assurance
Value creation is reduced workover cost estimated of between 1 to 5 mill USD depending on local conditions such as deferred prod. and rig rate.