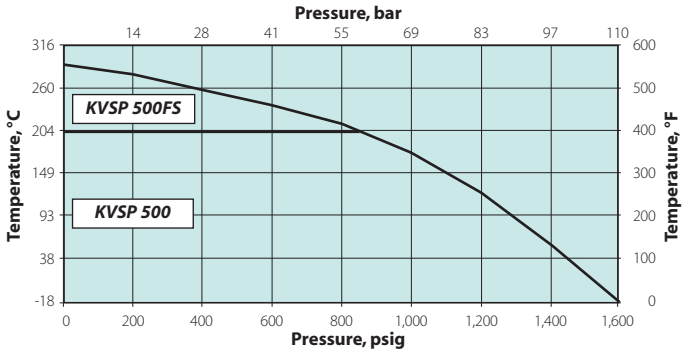
Kalrez KVSP* - Packing System

TECHNICAL DATA:

Maximum Continuous Service Temperature:

KVSP 500:	-40°F to 400°F (-40°C to 204°C)
KVSP 500FS:	-40°F to 550°F (-40°C to 288°C)

Pressure: Pressure / Temperature Chart



Note: Actual temperatures were measured at the packing.

Equipment Requirements:

Stem Finish:	4 – 32 RMS (0,1 – 0,8 Ra)
Bore Finish:	16 – 125 RMS (0,4 – 3,2 Ra)
Stem Tolerance:**	+0.002" (0.05mm), -0.005" (-0.13mm)
Bore Tolerance:**	+0.032" (0.81mm), -0.002" (-0.05mm)
Maximum Stem Taper:	0.003" (0.08mm)

*** Gland Load requirements: 600 – 1200 psi (41 – 83 bar)*

Testing Results:

Kalrez KVSP* meets the requirements of several industry standards including:

- API 607 3rd Ed. Fire Safe Test
- EPA Method 21
- VDI 2440 (TA LUFT)
- ISA 75.25.01.

User Friendly Product;
Live Load Springs not Required

Low Friction;
Precise Process Control

Improved Valve Performance;
Higher Yields and Throughput

Fire Safe;
Meets API 607 3rd Ed. Fire Safe Test

Ultra Low Fugitive Emissions;
Environmentally Friendly

Kalrez KVSP* (Kalrez Valve Packing System) is a unique design combining DuPont Kalrez perfluoroelastomer v-rings and Vespel backup components. The v-rings have very low frictional characteristics requiring low loading forces to activate and seal, while the backup components are designed to support the sealer rings.

The sets are designed to meet the sizing requirements of standard OEM rising-stem control valves including Fisher, Valtek, Masoneilan and are available in two styles: KVSP 500FS for Fire-safe applications and KVSP 500 for standard applications.

Process control is optimized using KVSP due to its ability to react quickly and smoothly to subtle and dramatic process changes, resulting in improvements to both yield and product quality on specification. In testing, KVSP exceeded EPA Method 21 VOC emissions requirements with consistent fugitive emissions readings from <10 ppm to below the plant's background level.

CHESTERTON
225 Fallon Road
Stoneham, Massachusetts 02180-2904 USA
Telephone: 978-469-6446
Fax: 978-469-6594
www.chesterton.com

DISTRIBUTED BY:

FORM NO. 088130

PRINTED IN USA 6/05