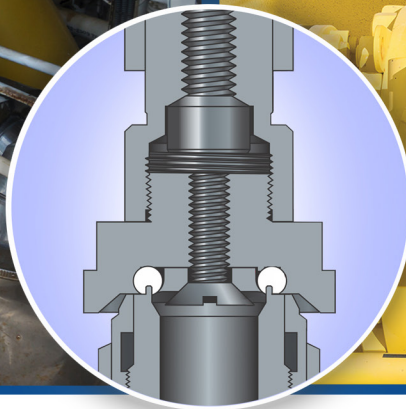




Introducing the ValvChem™ Range of Fluorinated Valve Seal Materials, in Stock and Ready to Ship.



FFKM and FEPM Compounds Offer Unparalleled Advantages in Harsh Valve Sealing Applications

Total Valve is excited to introduce our ValvChem-K™ and ValvChem-A™ range of FFKM and FEPM seals for the valve industry.

O-rings and other seals made from thermoset fluorinated elastomers, such as Kalrez® (FFKM) and AFLAS® (FEPM), are exceptionally well suited for a wide range of severe-service applications. High cost has always been a big challenge to the use of these specialized materials. Another, more recent challenge is availability. **Total Valve Systems is addressing both of these issues with our new ValvChem™ line of premium fluoroelastomer valve sealing compounds that offer both competitive pricing and immediate availability.**

Kalrez® is a registered trademark of DuPont Polymers Inc.
AFLAS® is a registered trademark of AGC Inc.



ValvChem™ Seals are Engineered and Manufactured by Total Valve Specifically for Demanding Valve Applications.

Is the FFKM seal shortage putting you in a bind? Total Valve has you covered.

Worldwide supply chain disruptions have led to a chronic shortage of perfluoroelastomer (FFKM) seal materials. In response, the technical engineering team at Total Valve Systems has launched a proprietary range of FFKM (compare to Kalrez® from DuPont) and FEPM (compare to AFLAS® from AGC) O-rings designed for challenging valve applications.

Our materials meet or exceed the specs of the market-leading compounds, and our O-rings are manufactured in our hometown of Tulsa, Oklahoma.

To learn more, please call us today!



Total Valve Systems

1300 East Memphis Street | Broken Arrow, Oklahoma 74012

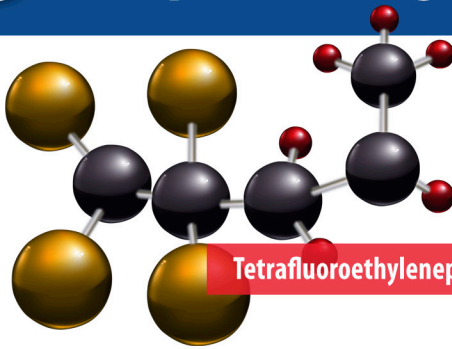
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TotalValve.com





There is a Specific ValvChem™ Premium Fluoroelastomer Compound Designed to Meet Your Unique Valve Needs.



Tetrafluoroethylene propylene (FEPM)

ValvChem™ A65-500

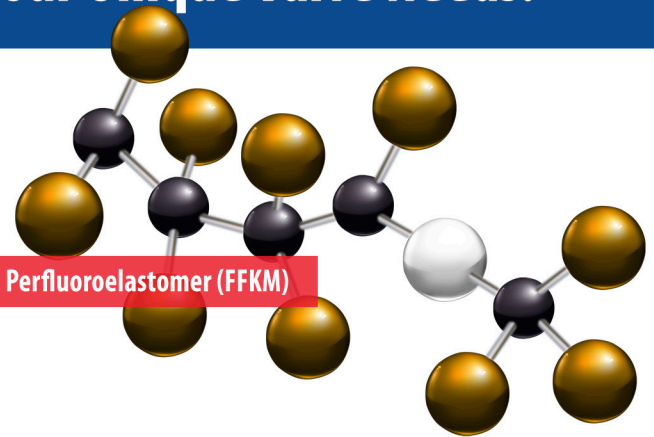
Balancing heat and chemical resistance with low-temperature flexibility and base-resistant performance, it is suitable for a range of applications including chemical process industries.

Compare to	AFLAS® 200P
Durometer	65
Max. Temp.	500°F
Resists	Bases, amines, hot water, steam, and abrasion

ValvChem™ A75-450

Well suited for products like O-rings and seals for use in extremely harsh and aggressive chemical environments.

Compare to	AFLAS® PM-3000
Durometer	75
Max. Temp.	450°F
Resists	Hot water/steam, high temperature ammonias, oils, solvents, and compression set



Perfluoroelastomer (FFKM)

ValvChem™ K55-500

A soft, low-modulus compound. Well suited to use in relief valves and other low sealing force applications.

Compare to	Kalrez® 1058
Durometer	55
Max. Temp.	500°F
Resists	Organic and inorganic acids, and temperature cycling

ValvChem™ K75-525

Excellent general-purpose material that is designed to handle most types of severe-service applications.

Compare to	Kalrez® 6375
Durometer	75
Max. Temp.	525°F
Resists	Acids, bases, amines, hot water, steam, ethylene oxide, propylene oxide, and mixed streams

ValvChem™ K75-600

Provides a wide range of resistance in many high-temperature, severe-service applications.

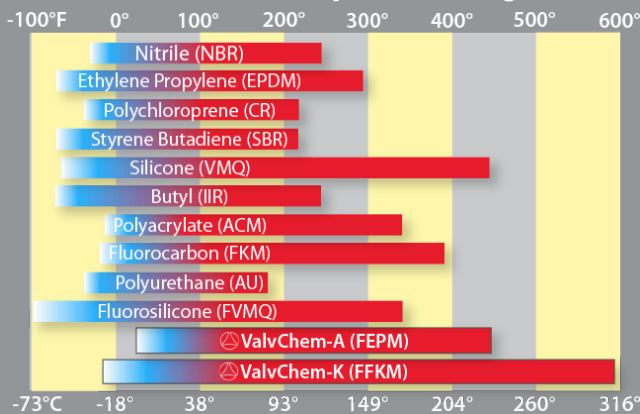
Compare to	Kalrez® 4079
Durometer	75
Max. Temp.	600°F
Resists	Organic and inorganic acids Good response to temperature cycling

ValvChem™ K82-550

The best perfluoroelastomer material for water, steam and aromatics with mixed hydrocarbons.

Compare to	Kalrez® 1050LF
Durometer	82
Max. Temp.	550°F
Resists	Bases, amines, hot water, steam, and abrasion

Seal Material Temperature Ranges



Learn More About Material Capabilities at TotalValve.com:
www.totalvalve.com/Chemical_Compatibility_Matrix.aspx



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