

# CHEXTER™ Check Valves



## Replaceable Disc Seal

Routine examination and maintenance are recommended on an approximate yearly basis. The soft, resilient seal ring for CHEXTER™ Check Valve discs may be inserted by hand on location when valve is removed from the line. No bonding is required. When the valve is assembled, the seal ring is locked into position. Only one ring is required. To install a new seal, simply separate the CHEXTER™ body from the seal housing, clean the ring groove, insert a new ring and reassemble the valve.

## Buna-N Seal

(Standard on Type A,D & DE)

Buna N seal ring is standard on CHEXTER™. Services from -20°F (-28°C) to +200°F (+93°C).

## TFE Seal

(Standard on Type AC, C & E)

An excellent seal ring for corrosive flows and other types of services. Virgin white TFE is used. Services from -65°F (-54°C) to +400°F (+205°C).

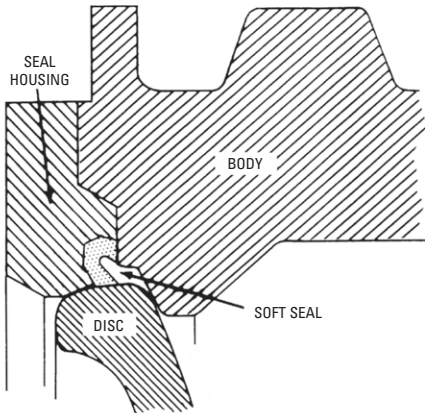
## Viton® Seal (Alternate)

An excellent alternative for use in corrosive and high temperature applications. Services from -40°F (-40°C) to +400°F (+205°C).

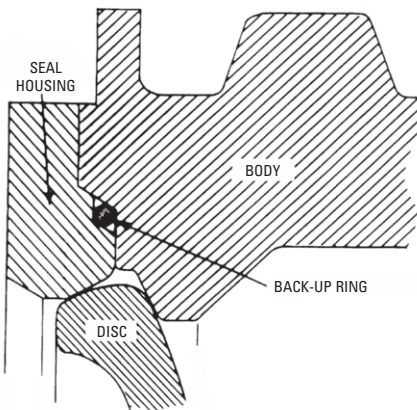
**NOTE:** Other disc seal ring materials available on request.

# CHEXTER™ Check Valve

## Seal Housing Design and Trim



Combination Soft Seal and Metal Seat-Seal



Metal-To-Metal Seat Seal

### Combination Soft Seal and Metal Seat/Seal

In this method, the disc impinges on the soft seal and the metal seat of the valve. The soft seal effects tight shut-off and the metal seat assumes the full pressure load against the disc, resulting in the secondary metal-to-metal seal.

### Metal-to-Metal Seat/Seal

In this method, the disc impinges on the metal seal housing. A metal face seal is provided between the seal housing and valve body. A Viton® "A" back-up O-ring is provided as a weather seal.

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