

**Saunders[®] PV
Life Science Diaphragm
For Passivation Use Only**

www.cranecpe.com

Diaphragm developed for service during passivation of stainless steel systems

Single use elastomer diaphragm with bayonet attachment for use in place of PTFE diaphragms during passivation

The distinctive design of this new diaphragm benefits users through:

- 1 Reduced cost versus single use of PTFE diaphragm.
- 2 100% interchangeable with Saunders Life Science PTFE diaphragm range.
- 3 High visibility tag reduces risk of diaphragm not being replaced after passivation.



Manufactured from EPM elastomer
FDA and ASME BPE conforming,
USP Class VI, <87>, <88>, ADCF
and Lot Traceable

Saunders® PV Passivation Diaphragm

Product features

Ideal for end users who replace diaphragms and seals after passivation of new installation, passivation after piping revamp, or remediation due to potential contamination from imbedded free iron or detritus from the fabrication process.

Reduced cost versus single use of PTFE diaphragm

High visibility tag reduces risk of diaphragm not being replaced after passivation

Manufactured from grade 425 EPM — all are FDA conforming, USP Class VI, <87>, <88>

Materials suitable for use with citric acid and EDTA-based passivation chemicals and typical post passivation clean and rinse solutions



Typical applications

Passivation during commissioning

Diaphragm materials

Ethylene Propylene, Co-Polymer Organic Peroxide Cured (Grade 425)

Catalogue Code PV

Temperature range

-40°C to 140°C / -40°F to 284°F

Size range

Available in sizes DN15 to DN150 (0.5" to 6")

Compliance and traceability

- Full compliance with FDA CFR Section 21 paragraph 177.2600
- Tested and certified in accordance with USP Class VI Sections <87> and <88> Biological Reactivity Tests, In-Vivo and In-Vitro
- Fully traceable to manufacturing batch to assist validation and maximize product integrity
- Certified ADCF (Animal Derived Compound Free)

For further technical information and chemical compatibility please contact Saunders or your local supplier

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