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85 years of in-house polymer expertise.

eXtreme Elastomer Range

Key features include:

- Diaphragms constructed with multiple layers of rubber and fabric reinforcement for optimised flex performance, even in high-cycle applications
- 2 Sealing ribs on the diaphragms wetted face provide enhanced leak tight sealing capabilities and lower closure torques
- Proprietary formulations, solely manufactured in-house, deliver the necessary physical properties to provide excellent abrasion and corrosion resistance





Size Range:

A Type: DN008 - DN350 KB Type: DN015- DN350

Saunders® XB IIR

Typical Applications: Brine, Caustic, Lime, Process Water, Instrument Air, Gypsum

Saunders® XE EPDM

Typical Applications: Dilute Acids & Alkalis, Drinking Water

Saunders® Xc Chemical

Typical Application: Strong Acids

Saunders® XF Fire

Typical Application: Fire Fighting Systems





Saunders® IDV Diaphragm Range

High Performance PTFE Range

Key features include:

- Unique stainless steel bayonet fitment; reduces point loading, improves sealing performance and facilitates correct diaphragm installation
- 2 Third generation two-piece construction increases pressure rating and enhances durability, providing a longer diaphragm lifetime
- 3 100% virgin PTFE contact face is chemically inert, offering improved corrosion resistance and extending diaphragm lifetime in the most aggressive of services



Size Range:

A Type: DN015 - DN250

Saunders® PB PTFE/IIR

Typical Applications: Concentrated Acids & Alkalis, Caustic Soda

Saunders® PE PTFE/EPDM

Typical Applications: Concentrated Acids & Alkalis

Saunders® KE PTFE/PVDF/EPDM

Typical Application: Chlorinated solvents

Saunders® Pc Aggressive Chemical

Typical Application: Strong acids, Chlorine, Bromine at high temperature

Saunders® Kc Chlorine

Typical Application: Wet Chlorine

Existing Range

Saunders® 237 Hypalon

Typical Application: Sodium Hypochlorite

Saunders® Q & AA Natural Rubber

Typical Application: Alumina, Sand, China Clay

Saunders® C Nitrile

Typical Application: Oils, Paraffin

Saunders® HT Neoprene

Typical Application: Hydrocarbons

Saunders® 300V Butyl & CV Nitrile

Typical Application: High vacuum

Need Technical assistance? Ask the experts. IDVexperts@cranecpe.com

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Crane ChemPharma & Energy, Saunders®

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