

Saunders[®] Diaphragm EE EPDM

www.cranecpe.com

Key features include:

- 1 Peroxide Cured EPDM
- 2 Suitable for bioprocess applications
- 3 Full industry conformance

Saunders EE grade diaphragm is manufactured from a specially formulated EPDM compound. The EE material is peroxide cured for optimum cross linking and to minimize extractables and leachables.

The EE grade diaphragm is suitable for typical applications in the bioprocess industries such as buffers, CIP and SIP, protein solutions and other products.

This diaphragm is FDA compliant to 21CFR part 177.2600, has been third party tested to USP Class VI <87>, <88>, complies with ASME BPE part SG, is certified ADCF (Animal Derived Component Free) and is fully lot traceable to EN 10204 3.1.

The EE grade EPDM diaphragm been developed and manufactured entirely in-house by Saunders[®].

Use only Genuine Saunders[®] Replacement parts to ensure optimum performance, reliability and regulatory conformance.

CRANE[®]

Crane ChemPharma & Energy



The Saunders EE diaphragm is fabric reinforced to provide full support for the elastomer face and to increase flex performance.

The EE diaphragm uses the Saunders threaded compressor attachment for easy error free engagement of diaphragm and compressor.



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Saunders[®] EE Grade Diaphragm

Construction

- EE grade EPDM (Ethylene Propylene Diene Monomer):
 - Organic peroxide cured
 - Excellent mechanical and thermal properties
 - Excellent resistance to compression set
 - Fabric reinforced to optimize flex

Size Range

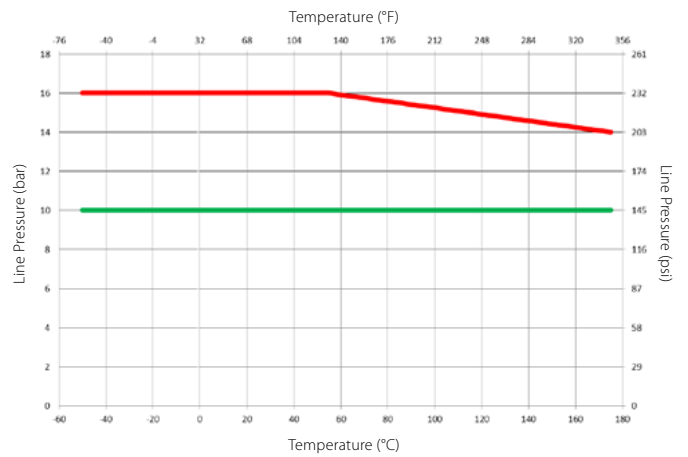
- DN8- DN200 (0.25" – 8")

Maximum Temperature

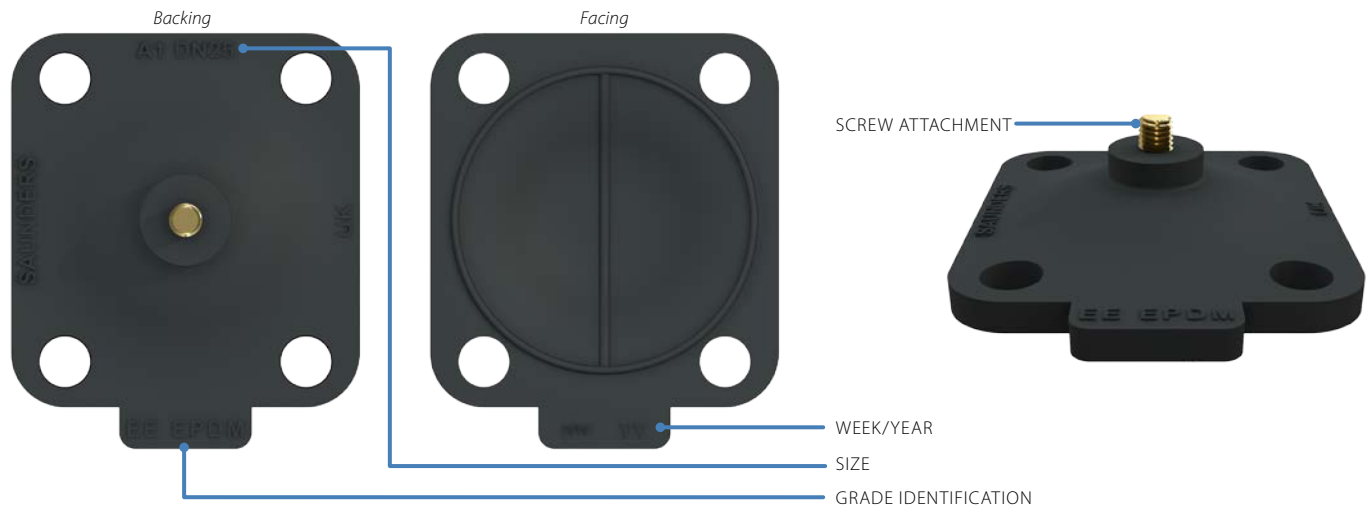
- 140° C

Valve Body Temperature/Pressure Relationships

- DN8 to DN50 rubber diaphragms
- DN65 to DN150 rubber diaphragms



Diaphragm Marking



Size	Grade	Catalogue Code	Connection Type
DN8 0.25" - DN200 8"	EE	EE	Screw

Note - Diaphragms with button attachment are available as spares only for sizes DN8 0.25", DN15 0.5" and DN20 0.75" (Catalogue Code EB). Please consult your representative for details

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Crane ChemPharma & Energy, Saunders[®]

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