

## Saunders<sup>®</sup> Diaphragm 300 Butyl

[www.cranecpe.com](http://www.cranecpe.com)

### Key features include:

- 1 Resin cured Butyl
- 2 Suitable for bioprocess applications
- 3 Full industry conformance

Saunders<sup>®</sup> 300 grade diaphragm is manufactured from a specially formulated Butyl compound. The 300 material is resin cured for optimum cross linking and to minimize extractables and leachables.

The 300 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 300 grade Butyl diaphragm been developed and manufactured entirely in-house by Saunders<sup>®</sup>.

**Use only Genuine Saunders<sup>®</sup> Replacement parts to ensure optimum performance, reliability and regulatory conformance.**

**CRANE**<sup>®</sup>

Crane ChemPharma & Energy



The Saunders<sup>®</sup> 300 diaphragm is fabric reinforced to provide full support for the elastomer face and to increase flex performance.

The 300 diaphragm uses the Saunders<sup>®</sup> threaded compressor attachment for easy error free engagement of diaphragm and compressor.



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# Saunders® 300 Grade Diaphragm

## Construction

- 300 grade Butyl:
  - Resin cured
  - Excellent mechanical and thermal properties
  - Excellent resistance to compression set
  - Fabric reinforced to optimize flex

## Size Range

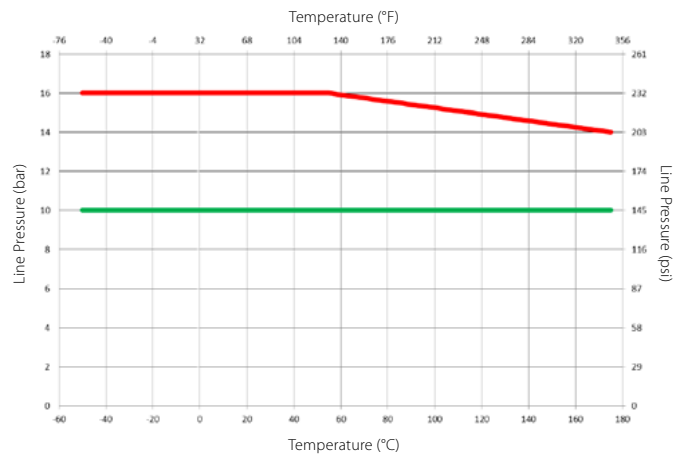
- DN8- DN200 (0.25" – 8")

## Maximum Temperature

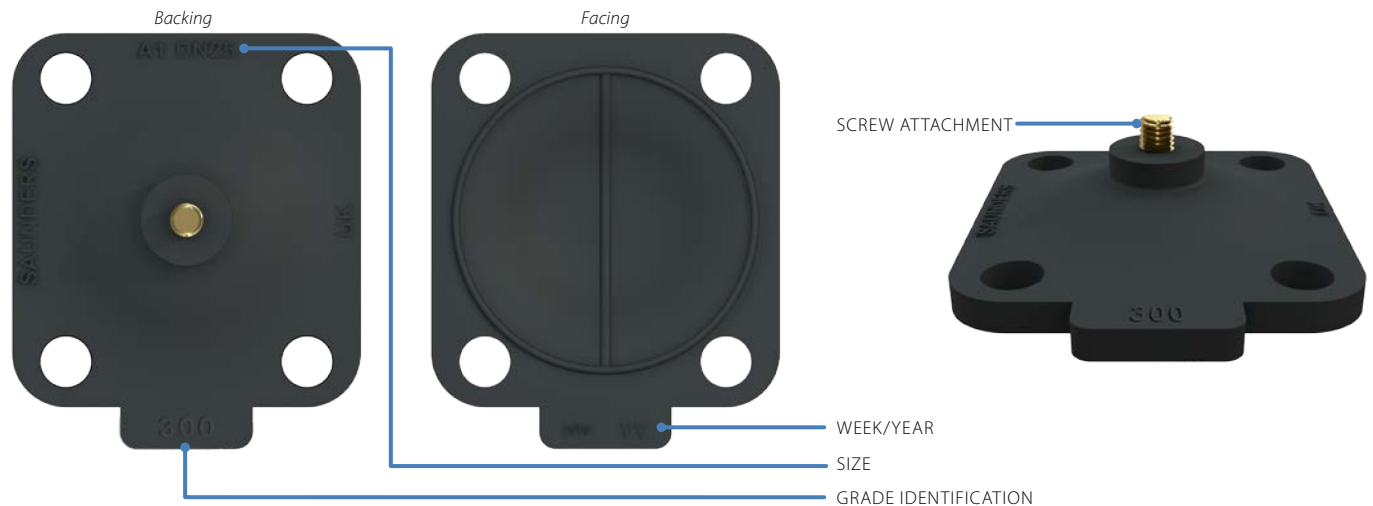
- 140° C

## Valve Body Temperature/Pressure Relationships

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



## Diaphragm Marking



Size	Grade	Catalogue Code	Connection Type
DN8–DN20 (0.25" – 0.75")	300	B6	Screw
DN25–DN200 (1" – 8")	300	B1	Screw

Note – Diaphragms with button attachment are available as spares only for sizes DN8, 15 and 20 (Catalogue Code B1). Please contact your representative for details

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## Crane ChemPharma & Energy, Saunders®

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