

Home | About Us | Contact Us | My Account | Terms and Conditions | Careers | Links | Email Translator |

Translate! English

PRODUCT INFORMATION

Crane Home

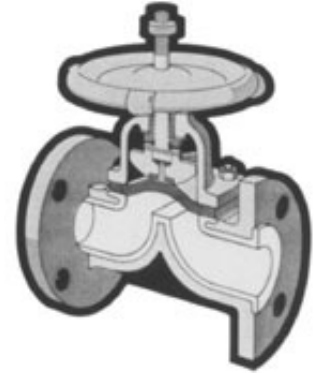
Search

Diaphragm Valves

- Product Families
- Product Dimensions
- [Spec Assistance](#)
- [Ask the Pipe Doctor](#)
- Liner Types
- Chem. Resistance
- CONQUEST®
- Product Specs
- Special Applications
- Tech Library
- Tools & Fabrication
- Inst. & Maintenance
- US/Global Sales
- Contacts
- FAQ
- Design Manual

Ideal for throttling and flow control requirements - even pressure relief.

Resistoflex Diaphragm Valves combine accurate throttling of flow with positive shut-off. The streamlined flow passage creates minimum pressure drop, and the compressor is carefully matched to wier contour to exert uniform pressure on the diaphragm, increasing diaphragm life. Also, these self draining valves have no crevices where particles can collect. That means cleaner operation.



All of the valve's operating parts are completely isolated from the process stream. Five different diaphragm materials, including a two-piece PTFE diaphragm, are available to match virtually any application.

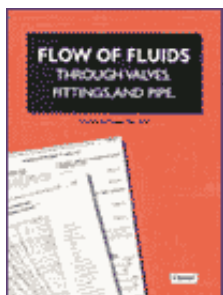
A clean, inert liner that won't contaminate high-purity fluids

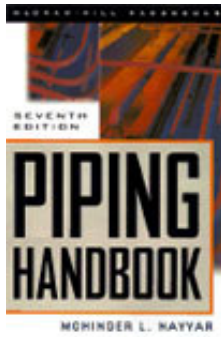
When extreme fluid purity handling is required, Resistoflex Diaphragm Valves have become the accepted solution in industries including power generation, semiconductor manufacturing, pharmaceutical and chemical production, and food processing. The reason is simple. Resistoflex Diaphragm Valves have the mechanical strength of a ductile iron or steel shell and the clean fluid handling properties of an inert plastic liner.

A valve for handling corrosive or hazardous fluids

Resistoflex Diaphragm Valves were specifically designed to keep hazardous or corrosive fluids contained. The fluid being handled is completely sealed off from the outside environment by a thick, inert plastic liner and the diaphragm. Since there is no stem in the fluid stream, stem leakage problems are eliminated.

Availability of Resistoflex Diaphragm Valves					
Valve Size inches	Polypropylene-lined		PVDF-lined		PFA-lined
	Class 150 ductile iron	Class 150 steel	Class 150 ductile iron	Class 150 steel	Class 150 ductile iron
1	X	X	X	X	X
1 1/2	X	X	X	X	X
2	X	X	X	X	X
2 1/2		S ¹		S ¹	
3	X	X	X	X	X
4	X	X	X	X	X
6	X	X	X	X	
8	X	X	X		
Liner Color	Orange		Black		White Translucent
I.D. Band	Orange		Black		White





Color			Translucent
-------	--	--	-------------

¹Special order item.

[Valve Cross Reference](#)

[Diaphragm Valve Dimensions](#) (includes Pressure Ratings)

[Chemical Resistance Table for Diaphragms](#)

[Diaphragm Valve Sizing](#)

[Diaphragm Valve Specifications](#)

[Storage, Installation, Testing, Operation and Maintenance Guidelines for Diaphragm Valves](#)

[How to Replace Diaphragms for Diaphragm Valves](#)

[Actuated Diaphragm Valves](#)



"This page is a machine translation of the source page, which is written in English. This translation is intended to provide a general idea of the page's content, and is not guaranteed for accuracy."

[Home](#) | [About Us](#) | [Contact Us](#) | [Careers](#) | [Terms and Conditions](#) | [Links](#)

[Feedback](#) | [Privacy Statement](#) | [Terms of Use](#)
© Copyright 2000 Crane Co. All rights reserved.