

Threaded-NPT Diaphragm Seals

DIAPHRAGM SEALS



M511 shown

- ▶ Clean-out or Non Clean-out Design
- ▶ Flushing Connection Available
- ▶ Threaded Process Connection

The Trerice **Threaded NPT Diaphragm Seal** is offered in both Clean-out and Non Clean-out designs, with female threaded connections of 1/4 NPT through 1 NPT. The Non Clean-out design can be furnished with diaphragm materials of Teflon (T), Viton (V), or Removable Metal (M), while the Clean-out design is available with all diaphragm choices, including Welded Metal (W).

Selection of the proper diaphragm seal is the sole responsibility of the user. Temperature and pressure limitations must be considered. Please refer to the Diaphragm Seal Design & Operation Section of this catalog. Improper application may cause failure of the seal, resulting in possible personal injury or property damage.

For correct use and application of all diaphragm seals, please refer to Diaphragm Seal Standard ASME B40.2.

SPECIFICATIONS

Style	Available Diaphragm Types*	Diaphragm Size	Process Connection	Clean-out Design	1/4 NPT Flushing Connection
510	M, T, V	Standard	Threaded	No	No
511	M, T, V	Standard	Threaded	No	Yes
515	M, T, V, W	Standard	Threaded	Yes	No
516	M, T, V, W	Standard	Threaded	Yes	Yes
610	M, T	Large	Threaded	No	No
611	M, T	Large	Threaded	No	Yes
615	M, T, W	Large	Threaded	Yes	No
616	M, T, W	Large	Threaded	Yes	Yes

*M = Removable Metal, T = Teflon, V = Viton, W = Welded Metal

Note: Due to the variety of available diaphragm seal configurations and materials, it is not possible to list each weight in this catalog. Please consult factory.

HOW TO ORDER

Sample Order Number: **M 5 10 04 S S CC**

Diaphragm Type	Diaphragm Size	Style	Connection Size	Diaphragm Material	Process Housing Material	Instrument Housing & Bolt Material
M Metal	5 Standard	10 Non Clean-out, Non-Flushing	See Connection Sizes	See Diaphragm Materials	See Process Housing Materials	CC Carbon Steel SS 316 Stainless Steel
T Teflon	6 Large	11 Non Clean-out, Flushing				
V Viton**		15 Clean-out, Non-Flushing				
W Welded†		16 Clean-out, Flushing				

**Diaphragm Type V available only with Diaphragm Size 5.

†Diaphragm Type W available only with Styles 15 and 16.

See Sizes and Materials Table