



TABLE 6
Diaphragm Material (wetted)

MOST COMMON

- S** - 316 S.S.
 - T** - Teflon
 - * **V** - Viton
 - D** - Carpenter 20
 - * **F** - 304 S.S.
 - G** - Hastelloy B
 - H** - Hastelloy C
 - J** - Titanium
 - L** - 316LSS, teflon coated
 - M** - Monel
 - N** - Nickel
 - U** - Tantalum
 - X** - Gold Plated Diaphragm
 - * **Y** - Inconel
- * Size 5 only.

TABLE 7
Lower Housing Material (wetted)

MOST COMMON

- S** - 316 S.S.
- T** - Teflon
- * **L** - Teflon lined
- Z** - PVC
- B** - Brass
- C** - Steel
- D** - Carpenter 20
- F** - 304 S.S.
- G** - Hastelloy B
- H** - Hastelloy C-276
- J** - Titanium
- K** - Kynar
- M** - Monel
- N** - Nickel
- P** - Polypropylene
- U** - Tantalum
- UL** - Tantalum Lined
- W** - CPVC
- Y** - Inconel

* Available only on types 25 & 30, 1" and larger.

TABLE 8
Upper Housing Material (including bolts)

- C** - Carbon Steel (standard)
- S** - 316 Stainless
- F** - 304 Stainless

OPTIONS:

- Hi Pressure bolting
- Non-Stick Teflon coating on metal diaphragm
- Socket weld connections
- High temp. gasketing
- Stainless steel bolting (reduces pressure rating up to 50%)
- Capillary Lines

Fill Fluids Fill Fluids should be chosen with care. The fluid must be compatible with the process medium in case the diaphragm is ruptured. Compatibility of fill fluid with process is the user's responsibility.

FLUID	TEMPERATURE LIMITS	VISCOSITY, CS, 77° F	NOTES
Silicone, DC 200	-50 to 450° F	20	our standard fill
Silicone, DC 704	+50 to 600° F	44	Hi-temp fill
Silicone, DC 710	+30 to 700° F	500	Hi-temp fill
Neobee M-20	-4 to 320° F	10	food grade
Glycerin	+30 to 300° F	1110	for food; not recomb. for capillary
Halocarbon	-40 to 400° F	6	inert, for use with oxidizers (must not contact Al, Mg)

Other fills available: consult factory.

not to be used with strong oxidizers, such as chlorine, oxygen, etc.

Credits: Viton, Teflon, Kynar, TM DuPont, Inc.; Carpenter 20 - TM Carpenter Steel Co.; Inconel, Monel - TM Huntington Alloys, Inc.; Hastelloy - TM Cabot Corp.; Halocarbon - TM Halocarbon Corp.