

Diaphragm Retainer Materials

Diaphragm Elastomer	Pump Start up Temperature Range	Fluid Temperature after pump is warmed to min. start Temp.	Markings
EPDM	50-212 F	15 F	E
Aflas	100-250 F	80 F	A
Buna N XS	30-250 F	15 F	NP
Neoprene	50-120 F	15 F	NE
Teflon	60-200 F	40 F	White/black
Viton - XT	40-250 F	15 F	V
Retainer Material			
Celcon (Polyacetal)	20-180 F		Black
Kynar (PVDF)	40-180F		White
Nylon (Zytel)	40-180 F		Blue
Polypropylene	50-100 F		Red
Metal	Over 200 F		
Above 180 F fluid temp use hydraulic end cooler.			
All data based on water			