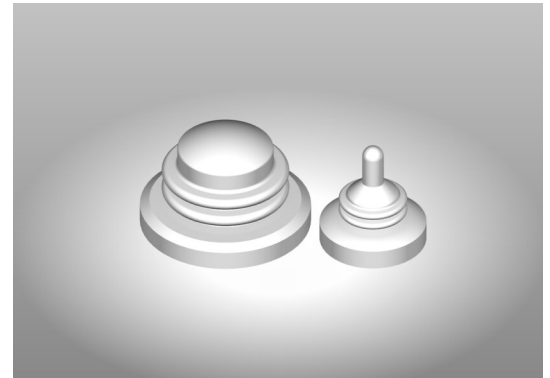


PTFE diaphragms

PTFE diaphragms

Features and benefits

- Extremely chemically resistant
- Good steam resistant
- Only available for tank valves
- Must be steamed prior to use



Performance

Flow Coefficient (under standard configuration)		
Outlet size Size	C _v at 1 psi (0.07 bar)	K _v at 1 psi (0.07 bar)
0.5"	4.3	3.7
1.0"	15.8	13.7
1.5"	48.0	41.5
2.0"	72.0	62.2
3.0"	170.0	146.9
4.0"	302.0	260.9

Technical specifications

	PTFE diaphragms
Tank valve sizes	0.5" Extended, 1.0", 1.5", 2.0", 3.0"
Colour	White
Diaphragm variant(s)	Bellows
Parylene treatment	No
Operating temperature range	-65 °C to 150 °C
Operating temperature range	-85 °F to 300 °F
Max. operating pressure	4.5 barg
Max. operating pressure	50 psig
Compatible actuators	Modified AJS
Compatible valves	Radial
Actuator type	Manual, Pneumatic
Steaming required prior to installation	Yes
ASME BPE appendix K SIP cycle rating	300
Total actuations during SIP cycle testing	3000
Shelf life	5 years
Material specification	Virgin PTFE 8AX
Standards	ASME BPE, RoHS
Certification and compliance	21 CFR 177.1550, ADCF, BSE/TSE free, USP <87>, USP <88> Class VI

Max. operating pressure varies by size up to maximum indicated

Materials of construction

	PTFE diaphragms
Diaphragm	Virgin PTFE 8AX
Inserts	304 SS

Product codes

Code	Product
PF10-1	Radial diaphragm 1" PTFE assembly for standard Asepco actuators, White
PF17-1	Radial diaphragm 1.5" PTFE assembly for standard Asepco actuators, White
PF20-1	Radial diaphragm 2" PTFE assembly for standard Asepco actuators, White
PF30-1	Radial diaphragm 3" PTFE assembly for standard Asepco Actuators, White
PFG05-1	Radial diaphragm extended .5" PTFE assembly for standard Asepco actuators

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