

Reduced Pressure Polymer Diaphragm Seals



TYPE 5

- For wastewater and chemical feed applications, as well as most applications with a corrosive media
- Constructed of corrosion-resistant PP glass fiber reinforced upper housing and PP, PVC or PVDF lower housing
- Protects pressure or vacuum instruments used on ultra-pure or highly corrosive fluid lines such as demineralized water, sulfuric acid, hydrochloric acid, and caustics
- Teflon™ coated EPDM diaphragms are standard on all assemblies
- 100% non-metallic construction assures maximum chemical and temperature compatibility

PRODUCT SPECIFICATIONS

Suitable Pressure Gauge Sizes	2-1/2 inch, 4, 4-1/2 and 6 inch Will also operate with most transducers, transmitters and pressure switches
Minimum Working Pressure	0 psig to 30 psig
Maximum Working Pressure	See temperature / pressure chart
Upper Housing Material	Polypropylene
Diaphragm	EPDM-PTFE coated on process side
Lower Housing Material	PVC, Polypropylene or Kynar

The pressure/temperature limits are applicable for a computed operating life factor of 25 years at 150 psi. The values are a guide for harmless media the material of the valve is resistant against.

Fill Fluid Temperature Table

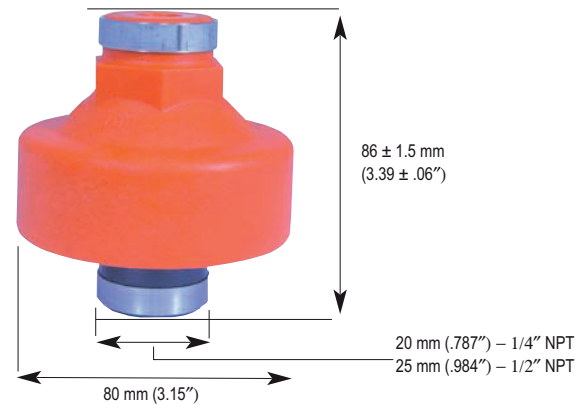
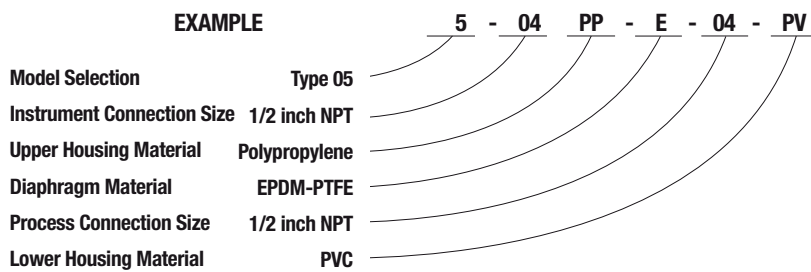
Fill Fluid	Temperature Range (°F)
Glycerine*	30 - 300
Silicone 200-10	-35 - 450
Silicone 704	30 - 520
Silicone 710	30 - 650
Silicone 550	-40 - 600
Silicone 510	-60 - 400
Fluorolube FS-5	-40 - 500
Silicone 200-350	0 - 300
Halocarbon Oil 6.3	-40 - 400
Ethylene Glycol	-30 - 300
Propylene Glycol	-50 - 200
Syltherm 800	-40 - 450
Mineral Oil	Note 1
Neobee M-20	-40 - 320

*Not recommended for use on vacuum applications
Note 1. To be advised

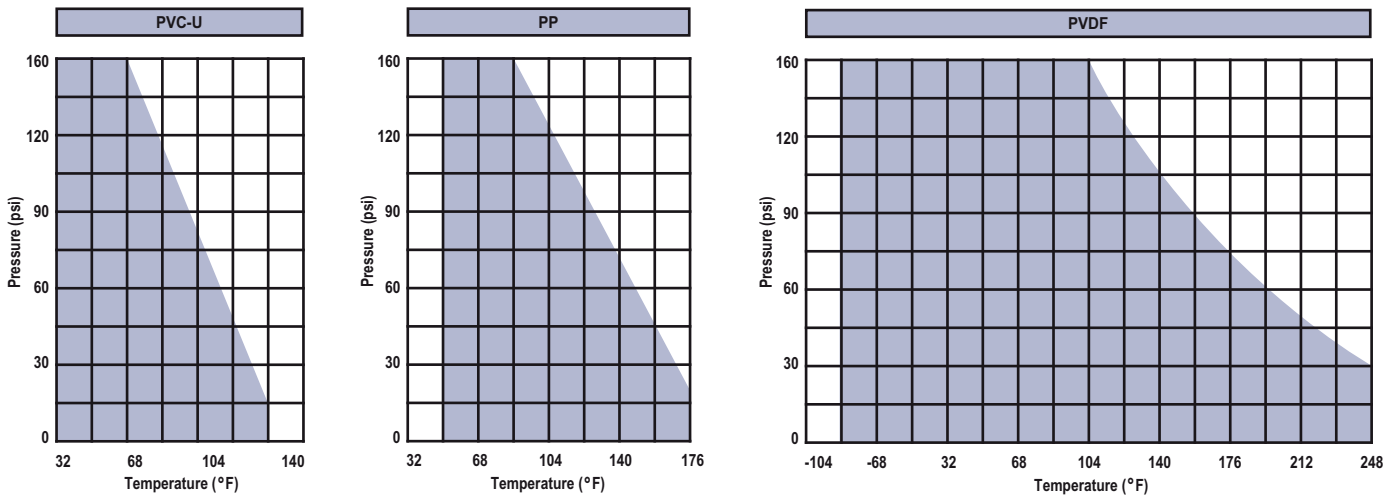


ORDERING INFORMATION			
TYPE	05	160 psi maximum pressure	
INSTRUMENT CONNECTION SIZES	02	1/4 inch NPT	
	04	1/2 inch NPT	
UPPER HOUSING MATERIAL	PP	Polypropylene	
DIAPHRAGM MATERIAL	E	EPDM-PTFE coated on process side	
PROCESS CONNECTION SIZES	02	1/4 Inch NPT	
	04	1/2 Inch NPT	
LOWER HOUSING MATERIAL	PV	PVC	KN Kynar
	PP	Polypropylene	

Please consult your local NOSHOK Distributor or NOSHOK, Inc. for availability and delivery information.



Pressure / Temperature Diagrams



The pressure/temperature limits are applicable for a computed operating life factor of 25 years at 150 psi. The values are a guide for harmless media the material of the valve is resistant against.

Durability of wear and tear parts is depending on the operating conditions of the application. Values below 32° F (PP < 50° F) on request with exact data of operation.