

## PVDF (Kynar) Plugs for ARO Compact Series Diaphragm Pumps

Pump Models: PX03P-XXX-XXX-AXXX, PX05P-XXX-XXX-BXXX,  
 PX05X-XXX-XXX-BXXX, PX07P-XXX-XXX-AXXX

These pumps ship with Delrin (Acetal) plugs at both ends of the Major Valve Assembly. Occasionally you may find fumes from Sulfuric Acid can have an adverse effect on the Delrin (Acetal) plugs.

PVDF (Kynar) plugs can be used as an alternative to the standard Delrin (Acetal) plugs used in the major valves. This would provide improved compatibility in such applications.



Example of chemical attack on a Delrin Plug

Visually, the two plugs are different. The unit shown on the left is the standard 96352 Large Plug. Notice the top portion is ribbed. The unit on the right is the 97259 Large Plug made of PVDF (Kynar.) The top of this plug is smooth.



The Operator's Manual image identifies the two components from the Major Valve Assembly.

<u>Item in Ops Manual:</u>	<u>Description:</u>	<u>Part Number:</u>	<u>Material of Construction:</u>
#107	Small Plug	96353	Standard Delrin (Acetal)
		97258	Replacement PVDF (Kynar)
#136	Large Plug	96352	Standard Delrin (Acetal)
		97259	PVDF (Kynar)

### PARTS LIST / PX05P-XXX-XXX-BXXX AIR SECTION PARTS

Item	Description	Part no	Qty	[Mtl]
101	Center Body	97006	(1)	[PPG]
103R	Cover (right side)	96091	(1)	[D]
103L	Cover (left side)	96351	(1)	[D]
107	Plug, Small	96353	(1)	[D]
111	Major Valve Spool	95919	(1)	[D]
118	Actuator Pin	97111	(2)	[SS]
121	Washer	96092	(2)	[D]
123	Screw (#4 - 20 x 1/2")	96093	(8)	[SS]
126	Pipe Plug (1/4 - 18 NPT x 7/16")	93832-3	(2)	[K]
129	Muffler Assembly	67367	(1)	[PPG]
129	Exhaust Cover (optional)	67366	(1)	[PPG]
130	Gasket (optional)	93107	(1)	[Sy]
132	Air Manifold Gasket	96214-1	(1)	[B]
134	Flange Bolt (1/4" - 20 x 5-3/4")	94871	(4)	[SS]
135	Valve Block	96204	(1)	[PPG]
136	Plug, Large	96352	(1)	[D]
137	"O" Ring (1/16" x 1-5/8" OD)	Y325-29	(3)	[B]
138	"U" Cup Packing (1/8" x 1" OD)	94395	(1)	[U]

