



Universal 1 PD Pump Seals REFERENCE CHART

Standard O-ring Selections, Descriptions and Color Codes for WCB Brand Pumps		Fluorocarbon Rubber (FKM) Compound Color: Rust, Brown or Black Color Code: White FDA Compliant to 21CFR177.2600 3A Sanitary	Perfluoroelastomer (FFKM) Compound Color: Black Color Code: None Individually packaged with size and material noted.
Ethylene Propylene Diene Rubber (EPDM) Compound Color: Black or Purple Color Code: Green FDA Compliant to 21CFR177.2600		Silicone (Si) Compound Color: Orange Color Code: Black FDA Compliant to 21CFR177.2600 3A Sanitary	PTFE Encapsulated Compound Color: Translucent coating over Orange or Black Silicone or FKM core Color Code: None FDA Compliant to 21CFR177.2600
Ethylene Propylene Diene Rubber (Sulfur Free) (EPDM) Compound Color: Black or Purple Color Code: Blue FDA Compliant to 21CFR177.2600		Nitrile (Buna-N) (NBR) Compound Color: Black Color Code: Yellow FDA Compliant to 21CFR	

O-RING AND MECHANICAL SEAL PARTS

CATEGORY	DESCRIPTION	QTY. PER PUMP	PART NO. (BY MODEL)				
			006-014-015-UI	030-034-040-UI	060-064-130-134-UI	220-224-UI	
BUNA O-RINGS	O-ring, Body, Buna N	2	AD0 079 000	N70327	N70331	N70338	
	O-ring, Shaft, Buna N		N70022	N70028	N70131	N70144	
	O-ring, Outer, Buna N - Seal Carrier		N50228	N50335	N50338	N50344	
EPDM O-RINGS	O-ring, Body, EPDM	2	AD0 079 002	E70327	E70331	E70338	
	O-ring, Shaft, EPDM		E70022	E70028	E70131	E70144	
	O-ring, Outer, EPDM - Seal Carrier		n/a	E50335	E50338	E50344	
FKM O-RINGS	O-ring, Body, FKM	2	AD0 079 V00	V70327	V70331	V70338	
	O-ring, Shaft, FKM		V70022	V70028	V70131	V70144	
	O-ring, Outer, FKM - Seal Carrier		n/a	V50335	V50338	V50344	
SILICONE O-RINGS	O-ring, Body, Silicone	2	AD0 079 SC0	S75327	S75331	S75338	
	O-ring, Shaft, Silicone		S75022	S75028	S75131	S75144	
SLEEVES, SEATS AND CARRIERS	Sleeve, SS	2	015 098 000+	030 098 000+	060 098 000+	220 098 000+	
	O-ring Seal Carrier (after 7/12/04 (NEW))		015 034 001+	030 034 001+	060 034 001+	220 034 001+	
	O-ring Seal Carrier (before 7/12/04 (OLD))		015 034 000+	030 034 000+	060 034 000+	220 034 000+	
	Sleeve, Zirconia		015 098 004+	030 098 004+	060 098 004+	220 098 004+	
	CHROME OXIDE						
	Sleeve, Chrome Oxide	2	015 098 002+	030 098 002+	060 098 002+	220 098 002+	
	Seal Seat, Chrome Oxide		015 014 001+	030 014 001+	060 014 001+	220 014 001+	
	Seal Inner, Chrome Oxide		015 306 002+	030 306 002+	060 306 002+	220 306 002+	
	Outer Seal, Chrome Oxide		n/a	030 206 002+	060 206 002+	220 206 002+	
	CERAMIC						
	Seal Seat, Ceramic	2	015 014 002+	030 014 002+	060 014 002+	220 014 002+	
	Seal Inner, Ceramic		40635+	40821+	40642+	40830+	
	SILICON/ SILICON CARBIDE						
	O-ring, Outer, Silicone - Seal Carrier	2	n/a	S50335	n/a	S50344	
	Seal Seat, Silicon Carbide S		015 014 009+	030 014 009+	060 014 009+	220 014 009+	
Seal Inner, Silicon Carbide	015 306 009+		030 306 009+	060 306 009+	220 306 009+		
CARBON							
Seal Inner, Carbon (2 piece)	2	015 306 001 +	030 306 001+	060 306 001+	220 306 001 +		
Seal Inner, Carbon (1 piece)		015 306 007+	030 306 007+	060 306 007+	220 306 007+		
Outer Seal, Carbon (1 piece)		015 206 007+	030 206 007+	060 206 007+	220 206 007+		
OTHER	Wave Spring	2	015 304 000+	030 304 000+	060 304 000+	220 304 000+	

BEARING RETAINER / SEAL PART NUMBER REFERENCE

UI MODEL NUMBER	ITEM	DESCRIPTION	FOR PUMPS MANUFACTURED:			NOTES
			BEFORE 7/30/01	APPROX. 7/30/01-7/12/04	AFTER 7/12/04 (NEWEST)	
006, 014, 015, 018, 024	14	Grease Seal, Bearing Retainer, standard gearcase	000030018+		121679+	
	14	Grease Seal, Bearing Retainer, SS gearcase	101716+			4
	32	Bearing Retainer, Front SS, for standard gearcase	015080000+		120332+	
	32	Bearing Retainer, Front SS, for SS Gearcase or Bearing Isolator	101810+			4
		Bearing Isolator Kit	X06636-1	X06638-1		
	84	O-ring Seal Carrier	015034000+		015034001+	
030, 034, 040	14	Grease Seal, Bearing Retainer	000030015+		121680+	
	32	Bearing Retainer, Front SS	030080000+	101811+	120333+	2
		Bearing Isolator Kit	X06558-1	N/A	X06639-1	2
060, 064, 130, 134	84	O-ring Seal Carrier	030034000+		030034001+	
	14	Grease Seal, Bearing Retainer	000030009+			
	32	Bearing Retainer, Front CTD	N/A, use 123531+		123531+	5
	32	Bearing Retainer, Front SS, for std. lip seal	121828+			6
	32	Bearing Retainer, Front SS, used with bearing isolators.	101812+			6
		Bearing Isolator Kit, SS	N/A, use X06614-2		X06614-2	
220, 224	84	O-ring Seal Carrier	060034000+		060034001+	
	14	Grease Seal, Bearing Retainer	N/A; use 121681+		121681+	1
	32	Bearing Retainer, Front CTD	220080000+		N/A use 121829+	
	32	Bearing Retainer, Front SS	101813+		121829+	
	Bearing Isolator Kit	N/A	X06634-2	N/A	3	
320, 324	84	O-ring Seal Carrier	220034000+		220034001+	
	14	Grease Seal, Bearing Retainer	N/A; use 121681+		121681+	1
	32	Bearing Retainer, Front CTD	0H1080000		N/A, use 123533+	
	32	Bearing Retainer, Front SS	118365+		123533+	

- NOTES:
 CTD = Coated Steel; SS = Stainless Steel
 1. Pumps manufactured up through 1993 may take STD030005 instead (used old-style shafts). Verify serial no. to confirm.
 2. 101811+ is used with bearing isolators. If isolator is needed, use part # X06639 (no kit available). Check gearcase s/n.
 3. Isolator kit X06634-2 contains 101813+ bearing retainer.
 4. 101810+ bearing retainer is used with 101716+ grease seal.
 5. 123531+ is available until stock is depleted, then will be replaced by 121828+.
 6. 101812+ is used on AP and SP pumps. This part is used with bearing isolators; for std. lip seal, use part # 121828+.

Based in Charlotte, North Carolina, SPX FLOW, Inc. (NYSE: FLOW) is a multi-industry manufacturing leader. For more information, please visit www.spxflow.com

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