

U.S. SEAL MFG.



POOL & SPA Pump Products

U.S. SEAL MFG.

A Complete Line of Quality Seals

GENERAL POOL APPLICATION		OZONE / SALT SERVICE	COMMERCIAL / RESIDENTIAL
General Service	Carbon Upgrade	Ozone / Salt Service	SCS Series
Materials of Construction <ul style="list-style-type: none"> Buna Elastomers Molded Plastic Primary Ring Ceramic Seat Stainless Steel Hardware 	Materials of Construction <ul style="list-style-type: none"> Buna Elastomers Carbon Primary Ring Polished Ceramic Seat Stainless Steel Hardware 	Materials of Construction <ul style="list-style-type: none"> Viton® Elastomers Carbon Primary Ring Polished Ceramic Seat Stainless Steel Hardware 	Materials of Construction <ul style="list-style-type: none"> Viton® Elastomers Silicon Carbide Primary Ring Silicon Carbide Seat Stainless Steel Hardware

Size	Part No.	Head	Seat	Part No.	Head	Seat	Part No.	Head	Seat	Part No.	Head	Seat
5/8"	PS-100	A	1	PS-4267	G	1	PS-3866	G	1	PS-1900	G	1
5/8"	PS-200	A	1	PS-3960	G	1	PS-3867	G	1	PS-1901	G	1
3/4"	PS-201	A	1	PS-4265	G	1	PS-3868	G	1	PS-1902	G	1
5/8"	PS-1000	B	1	PS-961	B	1	PS-3865R	B	1	PS-1905	B	1
5/8"	PS-2131	A	31	PS-4275	G	31	PS-3869	G	31	PS-1906	G	31
1/2"	PS-142	B	1	—	—	—	PS-142V	B	1	—	—	—
1/2"	PS-163	B	1	—	—	—	PS-163V	B	1	—	—	—
1"	PS-360	A	1	PS-4266	G	1	PS-3874	G	1	—	—	—
5/8"	PS-411	B	11	—	—	—	—	—	—	—	—	—
5/8"	PS-501	A	1	PS-952	A	1	PS-3864	A	1	PS-1903	A	1
3/4"	PS-601	B	1	PS-3985	B	1	PS-3986	B	1	PS-1904	B	1
3/8"	PS-671	B	1	—	—	—	—	—	—	—	—	—
5/8"	PS-2161	B	1	—	—	—	—	—	—	—	—	—
5/8"	PS-3845	B	8	—	—	—	—	—	—	—	—	—
1 1/4"	—	—	—	PS-185	C	1	PS-185V-CMS	C	1	PS-185V-SC-SC	C	1
7/8"	—	—	—	PS-309	C	1	PS-309V-CMS	C	1	PS-3941	C	1
3/4"	—	—	—	PS-358	C	1	—	—	—	—	—	—
1 1/4"	—	—	—	PS-361	E	1	—	—	—	—	—	—
1 1/4"	—	—	—	PS-381	D	1	—	—	—	—	—	—
1 1/4"	—	—	—	PS-416A	D	25	—	—	—	PS-1910	C	25
1 3/4"	—	—	—	PS-446	C	1	PS-446V-CMS	C	1	PS-7820	C	1
5/8"	—	—	—	PS-516	A	1	—	—	—	—	—	—
3/4"	—	—	—	PS-750	D	1	—	—	—	—	—	—
3/4"	—	—	—	PS-851	A	1	PS-201V-CMS	A	1	PS-1908	A	1
3/4"	—	—	—	PS-877	C	1	—	—	—	—	—	—
5/8"	—	—	—	PS-957	A	1	—	—	—	—	—	—
3/4"	—	—	—	PS-2136	A	1	—	—	—	—	—	—
5/8"	—	—	—	PS-2172	A	1	—	—	—	—	—	—
1 1/4"	—	—	—	PS-3883	G	1	—	—	—	—	—	—
5/8"	—	—	—	PS-3890	G	1	PS-4280	G	1	PS-1907	G	1
3/4"	—	—	—	PS-4274	G	32	PS-3870	G	32	—	—	—
1 5/8"	—	—	—	PS-7497	C	25	PS-7497V	C	25	—	—	—
5/8"	—	—	—	—	—	—	PS-3212	B	1	—	—	—
5/8" 3/4"	—	—	—	—	—	—	PS-4231	G	1	—	—	—
—	—	—	—	—	—	—	—	—	—	PS-1909	G	1

Head and Seat Types



Capacitors

RUN CAPACITORS - 370 Volt	
U.S. Seal Mfg. Part No.	MFD.
RD-15-370	15
RD-20-370	20
RD-25-370	25
5VR0303	30
RD-35-370	35
RD-35-10-370	35
RD-50-370	50

START CAPACITORS - 115 Volt	
U.S. Seal Mfg. Part No.	MFD.
BC-25	25-30
BC-30	30-36
BC-36	36-43
BC-36M-250-S*	36-43
BC-56	56-75
BC-64	64-77
BC-75	72-88
BC-86	88-108
BC-108	108-130
BC-124	124-149
BC-145	145-175
BC-161	161-193
BC-189	189-227
BC-216	216-259
BC-243	243-292
BC-270	270-324
BC-324	324-388
BC-340	340-408
BC-378	378-455
BC-400	400-480
BC-460	460-552

* 250 Volt



U.S. SEALUBE

SEAL INSTALLATION LUBRICANT	
U.S. Seal Mfg. Part No.	Available In
LUBE-PP	1 cc Pillow Pak
LUBE-10ML	10 ml Tube
LUBE-050Z	1/2 oz. Bottle
LUBE-4OZ	4 oz. Bottle
LUBE-8OZ	8 oz. Bottle



- Compatible with all seal types and elastomers
- 15-20 minutes work time before drying
- Totally evaporates, leaving no residue which can lead to premature seal failure

Ball Bearings



DOUBLE SEALED BALL BEARINGS	
U.S. Seal Mfg. Part No.	Size
RBL-6202-LL	15 MM
RBL-6202-16-LL	16 MM
RBL-6203-LL	17 MM
RBL-6203-10-LL	.625"
RBL-6204-LL	20 MM
RBL-6304-LL	20 MM

Common Causes of Seal Failure

1. The seal was installed using the wrong lubricant. Be sure to use a water soluble lubricant, such as U.S. SEALUBE, instead of a PTFE or silicone based lubricant.
2. The wrong seal type was selected. Be sure to select the correct seal type and materials for specific application.
3. Pump and/or motor do not meet original factory specifications. Check for worn or damaged components. Repair and replace as necessary.



DEMAND QUALITY . . .

DEMAND U.S. SEAL MFG.

Tel 800-243-5489 • Fax 877-849-7325
www.ussealmfg.com

MEMBER
 APSP

The Association of
Pool & Spa Professionals™

VGS
VALUE GUARD SEAL

Viton® is a registered trademark of DuPont Performance Elastomers, LLC.