

# U.S. SEAL MFG.

## Pump Repair Seal Kits



**A-C PUMP • AURORA® • HOFFMAN PUMPS • PACIFIC PUMPING CO. (PACO)  
PEERLESS PUMP CO. • TACO®, INC.**

## A-C PUMP (Div. of XYLEM INC.) (Series AC 2000)

Value Guard Part No.	Seal Size	Material Code	Bill of Materials	Mfg. Part No.
VGK-2000	1-1/4	BCFLF	Buna/Carbon/Silicon Carbide/SS	52-051-447
VGK-2001	1-1/4	BCFLF	Buna/Carbon/Silicon Carbide/SS	52-051-404
VGK-2002	1-1/4	BCFLF	Buna/Carbon/Silicon Carbide/SS	52-051-406
VGK-2003	1-5/8	BCFLF	Buna/Carbon/Silicon Carbide/SS	52-051-405
VGK-2004	1-5/8	BCFLF	Buna/Carbon/Silicon Carbide/SS	52-051-448
VGK-2005	1-5/8	BCFLF	Buna/Carbon/Silicon Carbide/SS	52-051-453

Kits include mechanical seal, bronze shaft sleeve, spacer, gland, key, washer, impeller nut and stud, sleeve and case o-rings.



VGK-2000

## AURORA®

Value Guard Part No.	Seal Size	Material Code	Bill of Materials	Mfg. Part No.
VGK-1127	1-1/8	BCFJF	Buna/Carbon/Ceramic/SS	
VGK-1130	1-1/2	BCFJF	Buna/Carbon/Ceramic/SS	
VGK-1124	1-1/8	BCFKF	Buna/Carbon/Ni-Resist/SS	476-0250-644
VGK-1125	1-1/2	BCFKF	Buna/Carbon/Ni-Resist/SS	476-0253-644
VGK-1128	1-1/8	VCFJF	Viton®/Carbon/Ceramic/SS	
VGK-1131	1-1/2	VCFJF	Viton®/Carbon/Ceramic/SS	
VGK-1126	1-1/8	VCFKF	Viton®/Carbon/Ni-Resist/SS	
VGK-1129	1-1/2	VCFKF	Viton®/Carbon/Ni-Resist/SS	

Kits include appropriate gaskets, pins, o-rings, sleeve, and mechanical seal.



VGK-1125

## HOFFMAN PUMPS

Value Guard Part No.	Seal Size	Material Code	Bill of Materials	Mfg. Part No.
VGK-1087	5/8	BMFJF	Buna/Molded Plastic/Ceramic/SS	180013
VGK-1088	5/8	BCFJF	Buna/Carbon/Ceramic/SS	180014
VGK-1085	3/4	BCFJF	Buna/Carbon/Ceramic/SS	180010
VGK-1086	1	BCFJF	Buna/Carbon/Ceramic/SS	180011
VGK-1089	1-3/8	BCFJF	Buna/Carbon/Ceramic/SS	180015

Kits include appropriate gaskets and mechanical seal.



VGK-1087

## PACIFIC PUMPING CO. (PACO) (End Suction Pumps)

Value Guard Part No.	Seal Size	Material Code	Bill of Materials	Old Paco No.	New Paco No.
VGK-1006	5/8	BCFJF	Buna/Carbon/Ceramic/SS	K100-1	91909684
VGK-1007	5/8	VCFKF	Viton®/Carbon/Ni-Resist/SS	K100-6	91909686
VGK-1008	5/8	BCFKF	Buna/Carbon/Ni-Resist/SS	K100-7	91909687
VGK-1012	5/8	BMFJF	Buna/Molded Plastic/Ceramic/SS	K102-1	91909744
VGK-1013	5/8	VCFKF	Viton®/Carbon/Ni-Resist/SS	K102-6	91909746
VGK-1014	5/8	BCFKF	Buna/Carbon/Ni-Resist/SS	K102-7	91909747
VGK-1009	3/4	BMFJF	Buna/Molded Plastic/Ceramic/SS	K101-1	91909719
VGK-1010	3/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K101-6	91909721
VGK-1011	3/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K101-7	91909722
VGK-1054	7/8	BCFJF	Buna/Carbon/Ceramic/SS	K1503-1	91910735
VGK-1018	1-1/4	BCFJF	Buna/Carbon/Ceramic/SS	K105-1	91909832
VGK-1019	1-1/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K105-6	91909837
VGK-1020	1-1/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K105-7	91909838
VGK-1024	1-1/4	BCFJF	Buna/Carbon/Ceramic/SS	K107-1	91909909
VGK-1025	1-1/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K107-6	91909912
VGK-1026	1-1/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K107-7	91909913
VGK-1061	1-1/4	BCFJF	Buna/Carbon/Ceramic/SS	K453-1	91911801
VGK-1062	1-1/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K453-6	—
VGK-1063	1-1/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K453-7	—
VGK-1070	1-1/4	BCFJF	Buna/Carbon/Ceramic/SS	K600-1	91911821
VGK-1071	1-1/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K600-6	91911824
VGK-1072	1-1/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K600-7	91911825
VGK-1073	1-1/4	BCFJF	Buna/Carbon/Ceramic/SS	K601-1	91911832
VGK-1074	1-1/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K601-6	91911834
VGK-1075	1-1/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K601-7	91911835
VGK-1079	1-1/4	BCFJF	Buna/Carbon/Ceramic/SS	K607-1	—
VGK-1080	1-1/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K607-6	91911848
VGK-1081	1-1/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K607-7	—
VGK-1082	1-1/4	BCFJF	Buna/Carbon/Ceramic/SS	K608-1	—
VGK-1083	1-1/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K608-6	91911850
VGK-1084	1-1/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K608-7	—
VGK-1058	1-1/4	BCFJF	Buna/Carbon/Ceramic/SS	K1815-1	91910839
VGK-1059	1-1/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K1815-6	91910841
VGK-1060	1-1/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K1815-7	91910842
VGK-1055	1-3/8	BCFJF	Buna/Carbon/Ceramic/SS	K1575-1	—
VGK-1056	1-3/8	VCFKF	Viton®/Carbon/Ni-Resist/SS	K1575-6	—
VGK-1057	1-3/8	BCFKF	Buna/Carbon/Ni-Resist/SS	K1575-7	91910804
VGK-1015	1-3/4	BCFJF	Buna/Carbon/Ceramic/SS	K104-1	91909802
VGK-1016	1-3/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K104-6	91909805
VGK-1017	1-3/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K104-7	91909806
VGK-1021	1-3/4	BCFJF	Buna/Carbon/Ceramic/SS	K106-1	91909874
VGK-1022	1-3/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K106-6	91909878
VGK-4022	1-3/4	VCFZF	Viton®/Carbon/Tungsten/SS		
VGK-1023	1-3/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K106-7	91909879
VGK-1027	1-3/4	BCFJF	Buna/Carbon/Ceramic/SS	K108-1	91909944
VGK-1028	1-3/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K108-6	91909947
VGK-1029	1-3/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K108-7	91909948
VGK-1033	1-3/4	BCFJF	Buna/Carbon/Ceramic/SS	K110-1	91910149
VGK-1034	1-3/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K110-6	91910150
VGK-1035	1-3/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K110-7	91910151
VGK-1042	1-3/4	BCFJF	Buna/Carbon/Ceramic/SS	K127-1	91910609
VGK-1043	1-3/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K127-6	91910611
VGK-4043	1-3/4	VCFZF	Viton®/Carbon/Tungsten/SS		
VGK-4043	1-3/4	VCFZF	Viton®/Carbon/Tungsten/SS		
VGK-1044	1-3/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K127-7	91910612
VGK-1045	1-3/4	BCFJF	Buna/Carbon/Ceramic/SS	K128-1	91910629
VGK-1046	1-3/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K128-6	91910631
VGK-4046	1-3/4	VCFZF	Viton®/Carbon/Tungsten/SS		
VGK-1047	1-3/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K128-7	91910632
VGK-1051	1-3/4	BCFJF	Buna/Carbon/Ceramic/SS	K141-1	91910715
VGK-1052	1-3/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K141-6	91910717
VGK-4052	1-3/4	VCFZF	Viton®/Carbon/Tungsten/SS		
VGK-1053	1-3/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K141-7	91910718
VGK-1064	1-3/4	BCFJF	Buna/Carbon/Ceramic/SS	K454-1	91911802

## PACIFIC PUMPING CO. (PACO) (End Suction Pumps) (continued)

Value Guard Part No.	Seal Size	Material Code	Bill of Materials	Old Paco No.	New Paco No.
VGK-1065	1-3/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K454-6	—
VGK-1066	1-3/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K454-7	91911803
VGK-1076	2	BCFJF	Buna/Carbon/Ceramic/SS	K602-1	91911836
VGK-1077	2	VCFKF	Viton®/Carbon/Ni-Resist/SS	K602-6	91911838
VGK-1078	2	BCFKF	Buna/Carbon/Ni-Resist/SS	K602-7	91911839
VGK-1030	2-1/4	BCFJF	Buna/Carbon/Ceramic/SS	K109-1	91910061
VGK-1031	2-1/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K109-6	91910065
VGK-1032	2-1/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K109-7	91910066
VGK-1036	2-1/4	BCFJF	Buna/Carbon/Ceramic/SS	K111-1	91910192
VGK-1037	2-1/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K111-6	91910195
VGK-4037	2-1/4	VCFZF	Viton®/Carbon/Tungsten/SS		
VGK-1038	2-1/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K111-7	91910196
VGK-1048	2-1/4	BCFJF	Buna/Carbon/Ceramic/SS	K140-1	91910707
VGK-1049	2-1/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K140-6	91910708
VGK-1050	2-1/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K140-7	91910709
VGK-1067	2-1/4	BCFJF	Buna/Carbon/Ceramic/SS	K455-1	91911806
VGK-1068	2-1/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K455-6	—
VGK-1069	2-1/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K455-7	—
VGK-1039	2-3/4	BCFJF	Buna/Carbon/Ceramic/SS	K112-1	91910246
VGK-1040	2-3/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K112-6	91910252
VGK-1041	2-3/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K112-7	91910250

Kits include appropriate gaskets and o-rings, slingers and mechanical seals.

Loctite® is included, if required for installation.



VGK-1021



VGK-1077

## PACIFIC PUMPING CO. (PACO) (Split Case Pumps)

Value Guard Part No.	Seal Size	Material Code	Bill of Materials	Mfg. Part No.
VGK-1000	1-3/4	BCFJF	Buna/Carbon/Ceramic/SS	K0303-1
VGK-1000B*	1-3/4	BCFJF	Buna/Carbon/Ceramic/SS	K0303-1
VGK-1001	1-3/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K0303-6
VGK-1001B*	1-3/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K0303-6
VGK-1002	1-3/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K0303-7
VGK-1002B*	1-3/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K0303-7
VGK-1003	1-3/4	BCFJF	Buna/Carbon/Ceramic/SS	K0308-1
VGK-1003B*	1-3/4	BCFJF	Buna/Carbon/Ceramic/SS	K0308-1
VGK-1004	1-3/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K0308-6
VGK-1004B*	1-3/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	K0308-6
VGK-1005	1-3/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K0308-7
VGK-1005B*	1-3/4	BCFKF	Buna/Carbon/Ni-Resist/SS	K0308-7

Kits include appropriate gaskets and o-rings, slingers and mechanical seals.

\* Kits with the letter B in the part number include the items listed above PLUS the bearings and oil seal.



VGK-1003



## PEERLESS PUMP CO.

Value Guard Part No.	Seal Size	Material Code	Bill of Materials	Mfg. Part No.
VGK-1123	1-1/4	BCFJF	Buna/Carbon/Ceramic/SS	BSE-2 (Cer) ,96828958
VGK-1090	1-1/4	BCFKF	Buna/Carbon/Ni-Resist/SS	BSE-2 (Ni-Resist)
VGK-1120	1-1/4	VCFJF	Viton®/Carbon/Ceramic/SS	BSE-2 (Vit / Cer)
VGK-1092	1-1/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	BSE-2 (Vit / Nir)
VGK-1133	1-1/4	BCFJF	Buna/Carbon/Ceramic/SS	ISE-2 (Ceramic)
VGK-1132	1-1/4	BCFKF	Buna/Carbon/Ni-Resist/SS	ISE-2 (Ni-Resist)
VGK-1135	1-1/4	VCFJF	Viton®/Carbon/Ceramic/SS	ISE-2 (Vit / Cer)
VGK-1134	1-1/4	VCFKF	Viton®/Carbon/Ni-Resist/SS	ISE-2 (Vit / Nir)
VGK-1121	1-1/2	BCFJF	Buna/Carbon/Ceramic/SS	BSE-3 (Cer), 96828959
VGK-1091	1-1/2	BCFKF	Buna/Carbon/Ni-Resist/SS	BSE-3 (Ni-Resist)
VGK-1122	1-1/2	VCFJF	Viton®/Carbon/Ceramic/SS	BSE-3 (Vit / Cer)
VGK-1093	1-1/2	VCFKF	Viton®/Carbon/Ni-Resist/SS	BSE-3 (Vit / Nir)
VGK-1137	1-1/2	BCFJF	Buna/Carbon/Ceramic/SS	ISE-3 (Ceramic)
VGK-1136	1-1/2	BCFKF	Buna/Carbon/Ni-Resist/SS	ISE-3 (Ni-Resist)
VGK-1138	1-1/2	VCFJF	Viton®/Carbon/Ceramic/SS	ISE-3 (Vit / Cer)
VGK-1139	1-1/2	VCFKF	Viton®/Carbon/Ni-Resist/SS	ISE-3 (Vit / Nir)

Kits include appropriate gaskets, sleeve, impeller bolt, impeller washer, key, and mechanical seal.

BSE kits have a Brass sleeve.  
ISE kits have a Stainless Steel sleeve.



**VGK-1090**

## TACO®, INC.

Value Guard Part No.	Seal Size	Material Code	Bill of Materials	Mfg. Part No.
VGK-1096*	5/8	BCFKF	Buna/Carbon/Ni-Resist/SS	1600-170BRP
VGK-1095*	5/8	BCFJF	Buna/Carbon/Ceramic/SS	1600-170ERP
VGK-1097*	5/8	BCFJF	Buna/Carbon/Ceramic/SS	1600-868CRP
VGK-1098	1-1/8	BCFKF	Buna/Carbon/Ni-Resist/SS	840-128BRP
VGK-1102	1-1/8	BCFKF	Buna/Carbon/Ni-Resist/SS	950-664BRP
VGK-1105	1-1/8	VCFZF	Viton®/Carbon/Tungsten/SS	950-667BRP
VGK-1108	1-1/8	BCFJF	Buna/Carbon/Ceramic/SS	950-670BRP
VGK-1116	1-1/8	BCFKF	Buna/Carbon/Ni-Resist/SS	953-1549-1BRP
VGK-1117	1-1/8	BCFJF	Buna/Carbon/Ceramic/SS	953-1549-3BRP
VGK-1112	1-1/8	BCFKF	Buna/Carbon/Ni-Resist/SS	951-3159BRP
VGK-1114	1-1/8	BCFJF	Buna/Carbon/Ceramic/SS	951-3161BRP
VGK-1099	1-1/2	BCFKF	Buna/Carbon/Ni-Resist/SS	862-171BRP
VGK-1100	1-1/2	BCFKF	Buna/Carbon/Ni-Resist/SS	862-172BRP
VGK-1119	1-1/2	BCFJF	Buna/Carbon/Ceramic/SS	862-172ERP
VGK-1103	1-1/2	BCFKF	Buna/Carbon/Ni-Resist/SS	950-665BRP
VGK-1106	1-1/2	VCFZF	Viton®/Carbon/Tungsten/SS	950-668BRP
VGK-1109	1-1/2	BCFJF	Buna/Carbon/Ceramic/SS	950-671BRP
VGK-1113	1-1/2	NCFKF	Neoprene/Carbon/Ni-Resist/SS	951-3160BRP
VGK-1115	1-1/2	BCFJF	Buna/Carbon/Ceramic/SS	951-3162BRP
VGK-1118	1-1/2	BCFJF	Buna/Carbon/Ceramic/SS	953-1549-6BRP
VGK-1101	1-7/8	BCFJF	Buna/Carbon/Ceramic/SS	950-1369BRP
VGK-1111	1-7/8	BCFJF	Buna/Carbon/Ceramic/SS	951-2968BRP
VGK-1104	2	BCFKF	Buna/Carbon/Ni-Resist/SS	950-666BRP
VGK-1107	2	VCFZF	Viton®/Carbon/Tungsten/SS	950-669BRP
VGK-1110	2	BCFJF	Buna/Carbon/Ceramic/SS	950-672BRP

Kits include appropriate gaskets and o-rings, sleeve\*, rubber bonded washer, and mechanical seal.

\* These kits do not include sleeve.



**VGK-1100**

# U.S. SEALUBE

- Safe for incidental food contact and potable water applications.
- Meets FDA Regulation 21 CFR 178.3570 and is NSF-Registered as a H1 lubricant.
- Great for all seals and elastomers.
- 15 to 20 minutes work time before drying.
- Totally evaporates, leaving no residue.

U.S. Seal Mfg. Part No.	Available In
LUBE-PP	1 cc Pillow Pak
LUBE-10ML	10 ml Tube
LUBE-05OZ	1/2 oz. Bottle
LUBE-4OZ	4 oz. Bottle
LUBE-8OZ	8 oz. Bottle



## *The Only Lubricant to Use When Installing Your Kit*

### USE THE WRONG LUBE . . . GET THE WRONG RESULTS

Silicone or PTFE based lubricants are a poor choice when installing mechanical seals.

During seal installation, lubricants can come in contact with the sealing faces. Silicone or PTFE based products are very difficult to remove from these faces.

When the pump is started, these products draw the carbon from the primary ring, transfers the material onto the mating ring face, causing a build up which leads to premature seal failure.

### USE THE RIGHT LUBE . . . GET THE RIGHT RESULTS

U.S. SEALUBE is a water based formula specifically designed to lubricate rubber, allowing for fast and easy seal installations.

It provides a high degree of lubricity to all rubber components but unlike PTFE or silicone based lubricants, U.S. SEALUBE evaporates, allowing the elastomer to grip the shaft or bore. Elastomers are left dry to the touch. The lubricity is gone and will not return even in the presence of moisture.

Your seal is now locked in place.



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**DEMAND QUALITY . . .  
DEMAND U.S. SEAL MFG.**

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