

Exploration, Production & Well Service Rubber Products

Catalog EPS 5265

aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding





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7-1/16" TYPE U I	RAM ELEMENT 3M-10M#
PART NO.	PIPE SIZE
PU7-000	Blind (CSO)
PU7-200	2" (2-3/8" OD)
PU7-250	2-1/2" (2-7/8" OD)
PU7-306	3-1/16" OD
PU7-350	3" (3-1/2" OD)
PU7-400	4" OD
PU7-450	4-1/2" OD
PU7-475	4-3/4" OD
PU7-500	5" OD
PU7-550	5-1/2" OD



Note: All sizes of Ram Elements also available in undercuts to accept wear packing, or Snub Pak^{TM} , Parker's patented non-rotating BOP Ram Packer and Insert.

7-1/16" TYPE U A	CCESSORIES 3M-10M#
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PART NO.	PIPE SIZE
PU7-CRSKIT(3M,5M,10M)	Complete Seal Kit
PU7-CRRKIT(3M,5M,10M)	Repair Kit
P644909-01	Bonnet Soft Goods Rebuild Kit
PUTS-7	Top Seal
PUBSMN-7	Modified New Style Bonnet Seal
PU-UHMW-7-XXX	UHMW Wear Packing
PU7-(XXX)SPI	Snub Pak Insert for Specified Pipe Size
Note: (YYY) indicates pine	cizo roquirod



Note: (XXX) indicates pipe size required.

11" TYPE U RAM ELEMENT 3M-10M#

PART NO.	PIPE SIZE
PU11-000	Blind (CSO)
PU11-100	1" (1.315" OD)
PU11-125	1-1/4" (1.660"OD)
PU11-150	1-1/2" (1.900"OD)
PU11-175	1-3/4" (2-1/16" OD)
PU11-200	2" (2-3/8" OD)
PU11-250	2-1/2" (2-7/8" OD)
PU11-350	3" (3-1/2" OD)
PU11-400	4" OD
PU11-450	4-1/2" OD
PU11-500	5" OD
PU11-550	5-1/2" OD



Note: All sizes of Ram Elements also available in undercuts to accept wear packing, or Snub PakTM, Parker's patented non-rotating BOP Ram Packer and Insert.

7-1/16" TYPE U ACCESSORIES 3M-10M#

PART NO.	PIPE SIZE
PUSR-11	Right Side End Packer
PUSL-11	Left Side End Packer
PUSB-11	Blade Packer

11" TYPE U ACCESSORIES 3M-10M#

PART NO.	DESCRIPTION
PU11-CRSKIT(3M,5M,10M)	Complete Seal Kit
PU11-CRRKIT(3M,5M,10M)	Repair Kit
P644909-02	Bonnet Soft Goods Rebuild Kit
PUTS-11	Top Seal
PUBSMN-11	Modified New Style Bonnet Seal
PU-UHMW-11-XXX	UHMW Wear Packing
PU11-(XXX)SPI	Snub Pak Insert for Specified Pipe Size



Note: (XXX) indicates pipe size required.

13-5/8" TYPE U SHEAR RAM 3M-10M#

10 0/0 111 2 0	
PART NO.	PIPE SIZE
PU13-000	Blind (CSO)
PU13-100	1" (1.315" OD)
PU13-125	1-1/4" (1.660"OD)
PU13-150	1-1/2" (1.900"OD)
PU13-175	1-3/4" (2-1/16" OD)
PU13-200	2" (2-3/8" OD)
PU13-250	2-1/2" (2-7/8" OD)
PU13-350	3" (3-1/2" OD)
PU13-400	4" OD
PU13-450	4-1/2" OD
PU13-500	5" OD
PU13-550	5-1/2" OD
PU13-658	6-5/8" OD
PU13-700	7" OD
PU13-758	7-5/8" OD
PU13-800	8" OD
PU13-858	8-5/8" OD
PU13-958	9-5/8" OD



13-5/8" TYPE U SHEAR RAM 3M-10M#

PART NO.	PIPE SIZE
PUSR-13	Right Side End Packer
PUSL-13	Left Side End Packer
PUSB-13	Blade Packer

13-5/8" TYPE U ACCESSORIES RAM 3M-10M#

PART NO.	DESCRIPTION
PU13-CRSKIT(3M,5M,10M)	Complete Seal Kit
PU13-CRRKIT(3M,5M,10M)	Repair Kit
P644909-03	Bonnet Soft Goods Rebuild Kit
PUTS-13	Top Seal
PUBSMN-13	Modified New Style Bonnet Seal
PU-UHMW-13-XXX	UHMW Wear Packing

Note: (XXX) indicates pipe size required.



6" TYPE QRC RAM ELEMENT 3M-5M#	
PART NO.	PIPE SIZE
PQ6-000	Blind (CSO)
PQ6-200	2" (2-3/8" OD)
PQ6-250	2-1/2" (2-7/8" OD)
PQ6-350	3" (3-1/2" OD)
PQRS-6	Rear Seal
PQBS-6	Bonnet Seal



6" LWP TYPE 64 RAM ELEMENT 3M#

P646-000 Blind (C	00)
	SO)
P646-200 2" (2-3/8	3" OD)
P646-250 2-1/2" (2	2-7/8" OD)
P646-350 3" (3-1/2	2" OD)



6" TYPE 39 RAM ELEMENT 3M-5M#

PART NO.	PIPE SIZE
P396-000	Blind (CSO)
P396-200	2" (2-3/8" OD)
P396-250	2-1/2" (2-7/8" OD)
P396-350	3" (3-1/2" OD)



6" LWS TYPE 61 RAM ELEMENT 3M-5M#

PART NO.	PIPE SIZE
P616-000	Blind (CSO)
P616-200	2" (2-3/8" OD)
P616-250	2-1/2" (2-7/8" OD)
P616-350	3" (3-1/2" OD)



11" LWS TYPE 70 RAM ELEMENT 3M-5M#

PART NO.	PIPE SIZE
P7011-3-000	Blind (CSO)
P7011-3-200	2" (2-3/8" OD)
P7011-3-250	2-1/2" (2-7/8" OD)
P7011-3-350	3" (3-1/2" OD)
P7011-3-400	4" OD
P7011-3-450	4-1/2" OD
P7011-3-500	5" OD
P7011-3-550	5-1/2" OD
P7011-3-658	6-5/8" OD
P7011-3-700	7" OD
P7011-3-758	7-5/8" OD
P70DG-11-3	Door Gasket



11" LWS TYPE 70 RAM ELEMENT 5M#	
PART NO.	PIPE SIZE
P7011-5-000	Blind (CSO)
P7011-5-200	2" (2-3/8" OD)
P7011-5-250	2-1/2" (2-7/8" OD)
P7011-5-350	3" (3-1/2" OD)
P7011-5-400	4" OD
P7011-5-450	4-1/2" OD
P7011-5-500	5" OD
P7011-5-550	5-1/2" OD
P7011-5-658	6-5/8" OD
P7011-5-700	7" OD
P7011-5-758	7-5/8" OD
P70DG-11-5	Door Gasket



11" SL TYPE 75 RAM ELEMENT 10M#

PART NO.	PIPE SIZE
P7511-10-000	Blind (CSO)
P7511-10-200	2" (2-3/8" OD)
P7511-10-250	2-1/2" (2-7/8" OD)
P7511-10-350	3" (3-1/2" OD)
P7511-10-400	4" OD
P7511-10-450	4-1/2" OD
P7511-10-500	5" OD
P7511-10-550	5-1/2" OD
P7511-10-658	6-5/8" OD
P75DG-11-10	Door Gasket



13-5/8" SL TYPE 70 RAM ELEMENT 3M-5M#

PART NO.	PIPE SIZE
P7013-35-000	Blind (CSO)
P7013-35-200	2" (2-3/8" OD)
P7013-35-250	2-1/2" (2-7/8" OD)
P7013-35-350	3" (3-1/2" OD)
P7013-35-400	4" OD
P7013-35-450	4-1/2" OD
P7013-35-500	5" OD
P7013-35-550	5-1/2" OD
P7013-35-658	6-5/8" OD
P7013-35-700	7" OD
P7013-35-758	7-5/8" OD
P70DG-13-35	Door Gasket (#134014)
P70DGM-13-35	Door Gasket (#130203)



13-5/8" SL TYPE 75 RAM ELEMENT 10M#	
PART NO.	PIPE SIZE
P7513-10-000	Blind (CSO)
P7513-10-200	2" (2-3/8" OD)
P7513-10-250	2-1/2" (2-7/8" OD)
P7513-10-350	3" (3-1/2" OD)
P7513-10-400	4" OD
P7513-10-450	4-1/2" OD
P7513-10-500	5" OD
P7513-10-550	5-1/2" OD
P7513-10-658	6-5/8" OD
P7513-10-700	7" OD
P75DG-13-10	Door Gasket



SPHERICAL PACKING ELEMENT PART NO. PIRE SIZE

PART NO.	PIPE SIZE
PSS-7-35	7-1/16" 3M-5M#
PSS-11-3	11" 3M#
PSS-11-5	11" 5M#
PSS-13-35	13-5/8" 3M-5M#
PSS-21-2	21-1/4" 2M#



6" A & B RAM ELEMENT

PART NO.	PIPE SIZE
PG6-000	Blind (CSO)
PG6-100	1" (1.315" OD)
PG6-200	2" (2-3/8" OD)
PG6-250	2-1/2" (2-7/8" OD)
PG6-350	3" (3- 1/2" OD)
PG6-400	4" OD
PG6-450	4-1/2" OD
PG6-500	5" OD
PG6-550	5-1/2" OD



6" WSI RAM ELEMENT

PART NO.	PIPE SIZE
PWD6-000	Blind (CSO)
PWD6-200	2" (2-3/8" OD)
PWD6-250	2-1/2" (2-7/8" OD)
PWD6-350	3" (3-1/2" OD)
PWDTS-6	Top Seal
PWDTS-6R	Top Seal Raised
PWDG-6	Door Gasket



8" RAM ELEMENT	
PART NO.	DESCRIPTION
PT8-000	8" BOP Blind
PT8-200	8" BOP Ram 2-3/8"
PT8-250	8" BOP Ram 2-7/8"
PTTS-8	8" Top Seal



11" TYPE V RAM ELEMENT 3M-5M#	
PART NO.	PIPE SIZE
PV11-000	Blind (CSO)
PV11-200	2" (2-3/8" OD)
PV11-250	2-1/2" (2-7/8" OD)
PV11-350	3" (3-1/2" OD)
PV11-450	4-1/2" OD
PV11-500	5" OD
PV11-550	5-1/2" OD
PV11-700	7" OD
PV11-758	7-5/8" OD
PVTS-11	Top Seal
PVBS-11	Bonnet Seal



13-5/8" TYPE V RAM ELEMENT 3M-5M#	
PART NO.	PIPE SIZE
PV13-000	Blind (CSO)
PV13-200	2" (2-3/8" OD)
PV13-250	2-1/2" (2-7/8" OD)
PV13-350	3" (3-1/2" OD)
PV13-450	4-1/2" OD
PV13-500	5" OD
PV13-550	5-1/2" OD
PV13-700	7" OD
PV13-758	7-5/8" OD
PV13-958	9-5/8" OD
PVTS-11	Top Seal
PVBS-11	Bonnet Seal



13-5/8" TYPE X RAM ELEMENT 10M#	
PART NO.	PIPE SIZE
PX13-000	Blind (CSO)
PX13-200	2" (2-3/8" OD)
PX13-250	2-1/2" (2-7/8" OD)
PX13-350	3" (3-1/2" OD)
PX13-450	4-1/2" OD
PX13-500	5" OD
PX13-550	5-1/2" OD
PX13-700	7" OD
PX13-758	7-5/8" OD
PX13-958	9-5/8" OD
PXTS-13	Top Seal
PXBS-13	Bonnet Seal



GK AND MSP ANNULAR PACKING ELEMENT

PART NO.	DESCRIPTION
PGK-7-3	7-1/16" 3M#
PGK-7-5	7-1/16" 5M#
PGK-11-3	11" 3M#
PGK-11-5	11" 5M#
PGK-13-3	13-5/8" 3M#
PGK-13-5	13-5/8" 5M#
PMSP-21-2	21-1/4" 2M#



2-1/2" NEW STYLE WIRELINE RAM ELEMENT

PART NO.	PIPE SIZE
PB2N-FL	Flat Line
PB2N-316-WL	3/16"
PB2N-732-WL	7/32"
PB2N-516-WL	5/16"
PB2N-716-WL	7/16"
PB2N-153-WL	15/32"



2-1/2" NEW STYLE RAM ELEMENT

PART NO.	PIPE SIZE
PB2N-000	Blind (CSO)
PB2N-075	3/4" OD)
PB2N-100	1" (1.315" OD)
PB2N-125	1-1/4" (1.660" OD)

2-1/2" NEW STYLE COIL TUBING RAM ELEMENT

PART NO.	PIPE SIZE	
PB2N-100-CT	1" OD	
PB2N-100	1-1/4" OD	
PB2N-125	1-1/2" OD	



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2-1/2" NEW STYLE ACCESSORIES

PART NO.	DESCRIPTION
PBO-2	2-1/2" Outer Seal



2-1/2" OLD STYLE RAM ELEMENT 10M#

PART NO.	PIPE SIZE
PB30-000	Blind (CSO)
PB30-075	3/4" OD
PB30-100	1" (1.315" OD)
PB30-125	1-1/4" (1.660" OD)
PB30-150	1-1/2" (1.900" OD)
PB30-175	1-3/4" (2-1/16" OD)



2-1/2" NEW STYLE WIRELINE RAM ELEMENT

PART NO.	PIPE SIZE
PB30-FL	Flat Line
PB30-316-WL	3/16"
PB30-732-WL	7/32"
PB30-516-WL	5/16"
PB30-716-WL	7/16"
PB30-153-WL	15/32"

3-1/16" NEW STYLE RAM ELEMENT 15M#

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PART NO.	PIPE SIZE
PB3N-000	Blind (CSO)
PB3N-075	3/4" OD
PB3N-100	1" (1.315" OD)
PB3N-125	1-1/4" (1.660" OD)
PB3N-150	1-1/2" (1.900" OD)
PB3N-175	1-3/4" (2-1/16" OD)

4-1/16" OLD STYLE RAM ELEMENT 10M#

PART NO.	PIPE SIZE
PB40-000	Blind (CSO)
PB40-075	3/4" OD
PB40-100	1" (1.315" OD)
PB40-125	1-1/4" (1.660" OD)
PB40-150	1-1/2" (1.900" OD)
PB40-175	1-3/4" (2-1/16" OD)
PB40-200	2" (2-3/8" OD)
PB40-250	2-1/2" (2-7/8" OD)

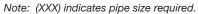


4-1/16" NEW STYLE RAM ELEMENT 15M#	
PART NO.	PIPE SIZE .
PB4N-000	Blind (CSO)
PB4N-075	3/4" OD
PB4N-100	1" (1.315" OD)
PB4N-125	1-1/4" (1.660" OD)
PB4N-150	1-1/2" (1.900" OD)
PB4N-175	1-3/4" (2-1/16" OD)
PB4N-200	2" (2-3/8" OD)
PB4N-250	2-1/2" (2-7/8" OD)



4-1/16" ACCESSORIES

PART NO.	DESCRIPTION
PBO-4	4-1/16" Outer Seal
PBB-4	4-1/16" Outer Seal
PB4-UHMW-XXX	UHMW Stripper Inserts





Stripper Rubbers

STRIPPER RUBBER (SHORT HALL)	
SIZE	
1" (1.315" OD)	
1-1/4" (1.660" OD)	
1-1/2" (1.900" OD)	
1-3/4" (2-1/16" OD)	
2" (2-3/8" OD)	
2-1/2" (2-7/8" OD)	
3" (3-1/2" OD)	



TYPE 2 (PX-107) STRIPPER RUBBER	
PART NO.	SIZE
BIW-2-20	2" (2-3/8" OD)
BIW-2-25	2-1/2" (2-7/8" OD)



TYPE 1 (PX-70) STRIPPER RUBBER	
PART NO.	SIZE
BIW-1-20	2" (2-3/8" OD)
BIW-1-25	2-1/2" (2-7/8" OD)
BIW-1-30	3" (3-1/2" OD)



STRIPPER RUBBER	
PART NO.	SIZE
R20155-3	2" (2-3/8" OD)
R20155-2	2-1/2" (2-7/8" OD)



SR STRIPPER RUBBER	
PART NO.	SIZE
LSR-20	2" (2-3/8" OD)
LSR-25	2-1/2" (2-7/8" OD)



K STRIPPER RUBBER	
PART NO.	SIZE
LSK-20	2" (2-3/8" OD)
LSK-25	2-1/2" (2-7/8" OD)



Stripper Rubbers

JU STRIPPER RUBBER	
PART NO.	SIZE
R-10	1" (1.315" OD)
R-12	1-1/4" (1.660" OD)
R-15	1-1/2" (1.900" OD)
R-216	1-3/4" (21/16" OD)
R-20	2" (2-3/8" OD)
R-25	2-1/2" (2-7/8" OD)
R-30	3" (3-1/2" OD)



STRIPPER RUBBER

PART NO.	SIZE
RHS-200	2" (2-3/8" OD)
RHS-250	2-1/2" (2-7/8" OD)



TYPE SS STRIPPER RUBBER

PART NO.	SIZE
REC-20	2" (2-3/8" OD)
REC-25	2-1/2" (2-7/8" OD)
REC-30	3" (3-1/2" OD)



S-6 STRIPPER RUBBER

PART NO.	SIZE
R-GSR-20	2"
R-GSR-25	2-1/2"



STRIPPER RUBBER JI AND JE

PART NO.	SIZE	
ROS-12	1-1/4"	
ROS-15	1-1/2"	
ROS-20	2"	
ROS-25	2-1/2"	
ROS-30	3"	



Stripper Rubbers

ROTATING HEAD STRIPPER RUBBER	
PART NO.	PIPE SIZE
PGSR-200	2-3/8" OD
PGSR-250	2-7/8" OD
PGSR-350	3-1/2" OD
PGSR-450	4-1/2" OD

3-1/2" COIL TUBING INTERLOCKING STRIPPER RUBBER	
PART NO.	PIPE SIZE
R-TLSR-3100U	1.000 OD
R-TLSR-3125U	1.250 OD
R-TLSR-3150U	1.500 OD

4" COIL TUBING INTERLOCKING STRIPPER RUBBER	
PIPE SIZE	
1.000 OD	
1.250 OD	
1.500 OD	
1.750 OD	
2.000 OD	



7-1/16" SNUBBING STRIPPER RUBBER	
PART NO.	PIPE SIZE
P7USR-200	2" (2-3/8" OD)
P7USR-250	2-1/2" (2-7/8" OD)
P7USR-350	3" (2-1/2" OD)



Pipe Wipers

COIL TUBING SPLIT PIPE WIPER

PART NO.	PIPE SIZE
PBSPW-100	1"
PBSPW-125	1-1/4"
PBSPW-150	1-1/2"





ENERGIZER SPRING

PART NO.	DESCRIPTION
PBES-4	For Coil Tubing Split Pipe Wiper



9" FLAT PIPE WIPER

PART NO.	PIPE SIZE
RFW-910	1" (1.315" OD)
RFW-920	2" (2-3/8" OD)
RFW-925	2-1/2" (2-7/8" OD)



17" FLAT PIPE WIPER

PART NO.	PIPE SIZE
RFW-1720	2" (2-3/8" OD)
RFW-1725	2-1/2" (2-7/8" OD)
RFW-1735	3" (3-1/2" OD)

Note: All pipe wipers flat.



17" DUAL PIPE WIPER

PART NO.	PIPE SIZE
RDS-1720	2" (2-3/8" OD)
RDS-1725	2-1/2" (2-7/8" OD)
RDS-1735	3" (3-1/2" OD)

Note: All dual split wipers.



19" FLAT PIPE WIPER

PART NO.	PIPE SIZE
RFW-1920	2" (2-3/8" OD)
RFW-1925	2-1/2" (2-7/8" OD)
RFW-1935	3" (3-1/2" OD)



Pipe Wipers

19" DUAL PIPE WIPER	
PART NO.	PIPE SIZE
RDS-1920	2" (2-3/8" OD)
RDS-1925	2-1/2" (2-7/8" OD)
RDS-1935	3" (3-1/2" OD)



22" FLAT PIPE WIPER

PART NO.	PIPE SIZE
RFW-2220	2" (2-3/8" OD)
RFW-2225	2-1/2" (2-7/8" OD)



Kelly Wipers

TYPE "SQUARE"		
PART NO.	OD DIAMETER	SIZE ACROSS FLAT
RKW-10350S		3-1/2"
RKW-10425S		4-1/4"
RKW-10525S		5-1/4"



TYPE "HEXAGONAL"

PART NO.	OD DIAMETER	SIZE ACROSS FLAT
RKW-10350H		3-1/2"
RKW-10425H		4-1/4"
RKW-10525H		5-1/4"



Drill Pipe Protector Rubbers

SPIRAL FLUTED DRILL PIPE PROTECTOR PART NO. PIPE SIZE PSFDP-3552 3-1/2" X 5-1/4" PSFDP-4572 4-1/2" X 7-1/4" PSFDP-5072 5" X 7-1/4"



STRAIGHT FLUTED DRILL PIPE PROTECTOR

PART NO.	PIPE SIZE
PFDP-4057	4" X 5-3/4"
PFDP-5075	5" X 7-1/2"
PFDP-6690	6-5/8" X 9"



DRILL PIPE PROTECTOR ACCESSORIES

PART NO.	DESCRIPTION
PDPLP	Latch Pin
PDPPIT	Installation Tool

Packer Rubbers

BAR PACKER			
PART NO.	ID	OD	DESCRIPTION
BP-15075150	.750" ID	1.500" OD	2.90# 1-1/2"
BP-15087150	.875" ID	1.500" OD	2.90# 1-1/2"
BP-15089150	.890" ID	1.500" OD	2.90# 1-1/2"
BP-17112165	1.125" ID	1.650" OD	3.25# 2-1/16"
BP-20112189	1.125" ID	1.890" OD	4.70# 2-3/8"
BP-20125189	1.250" ID	1.890" OD	4.70# 2-3/8"
BP-20126189	1.266" ID	1.890" OD	4.70# 2-3/8"
BP-20112182	1.125" ID	1.825" OD	5.30# 2-3/8"
BP-20125182	1.250" ID	1.825" OD	5.30# 2-3/8"
BP-20126182	1.266" ID	1.825" OD	5.30# 2-3/8"
BP-20112179	1.125" ID	1.790" OD	5.95# 2-3/8"
BP-20125179	1.250" ID	1.790" OD	5.95# 2-3/8"
BP-20126179	1.266" ID	1.790" OD	5.95# 2-3/8"
BP-25123234	1.235" ID	2.340" OD	6.50# 2-7/8"
BP-25125234	1.250" ID	2.340" OD	6.50# 2-7/8"
BP-25126234	1.266" ID	2.340" OD	6.50# 2-7/8"
BP-25132234	1.325" ID	2.340" OD	6.50# 2-7/8"
BP-25150234	1.500" ID	2.340" OD	6.50# 2-7/8"
BP-25160234	1.600" ID	2.340" OD	6.50# 2-7/8"
BP-25176234	1.765" ID	2.340" OD	6.50# 2-7/8"
BP-25123216	1.235" ID	2.160" OD	8.70# 2-7/8"
BP-25125216	1.250" ID	2.160" OD	8.70# 2-7/8"
BP-25126216	1.266" ID	2.160" OD	8.70# 2-7/8"
BP-25132216	1.325" ID	2.160" OD	8.70# 2-7/8"
BP-25150216	1.500" ID	2.160" OD	8.70# 2-7/8"
BP-25160216	1.600" ID	2.160" OD	8.70# 2-7/8"





Note: All Bar Packer parts are available in 70, 80, and 90 durometer rubber. Please specify when placing an order. Call for availability of other size combinations.

Packer Rubbers

BAR PACKER			
PART NO.	ID	OD	DESCRIPTION
BP-25123225	1.235" ID	2.250" OD	7.90# 2-7/8"
BP-25125225	1.250" ID	2.250" OD	7.90# 2-7/8"
BP-25126225	1.266" ID	2.250" OD	7.90# 2-7/8"
BP-25132225	1.325" ID	2.250" OD	7.90# 2-7/8"
BP-25150225	1.500" ID	2.250" OD	7.90# 2-7/8"
BP-25160225	1.600" ID	2.250" OD	7.90# 2-7/8"
BP-35150288	1.500" ID	2.880" OD	9.30# 3-1/2"
BP-35160288	1.600" ID	2.880" OD	9.30# 3-1/2"
BP-35176288	1.765" ID	2.880" OD	9.30# 3-1/2"
BP-35197288	1.975" ID	2.880" OD	9.30# 3-1/2"
BP-35150277	1.500" ID	2.775" OD	10.30# 3-1/2"
BP-35160277	1.600" ID	2.775" OD	10.30# 3-1/2"
BP-35176277	1.765" ID	2.775" OD	10.30# 3-1/2"
BP-35197277	1.975" ID	2.775" OD	10.30# 3-1/2"
BP-35150262	1.500" ID	2.620" OD	12.95# 3-1/2"
BP-35160262	1.600" ID	2.620" OD	12.95# 3-1/2"
BP-35176262	1.765" ID	2.620" OD	12.95# 3-1/2"
BP-35197262	1.975" ID	2.620" OD	12.95# 3-1/2"



Note: All Bar Packer parts are available in 70, 80, and 90 durometer rubber. Please specify when placing an order. Call for availability of other size combinations.

Water Saver Rubbers

WATER SAVER	
PART NO.	SIZE
PWS-175	2-1/16"
PWS-200	2-3/8"
PWS-250	2-7/8"
PWS-350	3-1/2"
PWS-450	4-1/2"

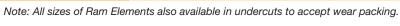


Hammer Union Seals

S.O.M. HAMMER UNION SEALS		
PART NO.	SIZE	
PGHUS-100	1"	
PGHUS-150	1-1/2"	
PGHUS-200	2"	
PGHUS-300	3"	



WECO OR BEST HAMMER UNION SEALS		
PART NO.	SIZE	
PWHUS-100	1"	
PWHUS-150	1-1/2"	
PWHUS-200	2"	
PWHUS-300	3"	
PWHUS-400	4"	





Diaphragms

CE DIAPHRAGMS PART NO. SIZE PCED-18 18" PCE-24 24"



PULSATION DAMPENER BLADDER

PART NO.	SIZE
PPD55	20 Gallon



CATHEAD DIAPHRAGM

PART NO.	SIZE
PNCD-18	18"



K-10 PULSATION DAMPENER

PART NO.	DESCRIPTION
PPDB-K10	10 Gallon Bladder
PPDBS-K10	Stabilizer
PB-K10	K-10 Bolt
PW-K10	K-10 Washer
PP-K10	K-10 Plate
PPG-K10	Pressure Gauge
PCV-K10	Charging Valve
PBPG-K10	Bottom Plate Gasket
PPDBSET-K10	K-10 Repair Kit

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K-20		α				
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K-20 PULSATION	K-20 PULSATION DAMPENER			
PART NO.	DESCRIPTION			
PPDB-K20	20 Gallon Bladder			
PPDBS-K20	Stabilizer			
PB-K20	K-20 Bolt			
PW-K20	K-20 Washer			
PP-K20	K-20 Plate			
PPG-K20	Pressure Gauge			
PCV-K20	Charging Valve			
PBPG-K20	Bottom Plate Gasket			
PPDBSET-K20	K-20 Repair Kit			



Test Cups

TYPE F TEST CUP			
PART NO.	PIPE SIZE		
PCFTC-30593	5-1/2" (All #)		
PCFTC-30597	6-5/8" (All #)		
PCFTC-30598-01	7" (29-38#)		
PCFTC-30598-02	7" (17-28#)		
PCFTC-30599-01	7-5/8" (24-26.4#)		
PCFTC-30599-02	7-5/8" (29.7-39#)		
PCFTC-30606-02	8-5/8" (34-36#)		
PCFTC-30601-01	9-5/8" (32.3-40#)		
PCFTC-30601-02	9-5/8" (43.5-53.5#)		
PCFTC-30607-01	10-3/4" (32.75-51#)		
PCFTC-30607-02	10-3/4" (55.5-65.7#)		
PCFTC-30579-01	13-3/8" (68-72#)		
PCFTC-30579-02	13-3/8" (48-61#)		
PCFTC-30584	16 (All#)		
PCFTC-674819	18-5/8" (AII#)		
PCFTC-33543	20" (78.6-129.3#)		



TYPE F TEST CUP MANDREL AND SUB			
PART NO.	DESCRIPTION		
PCFM-200	2-3/8" IF		
PCFM-350	3-1/2" IF		
PCFM-450	4-1/2" IF		



Packer Cups

TYPE GW CUPS				
PART NO.	DESCRIPTION			
PGWC-7.000	7", 17-20#			
PGWC-7.000HD	7", 22-24#, Heavy Duty			
PGWC-9.625-4.5	9-5/8", 36-43.5#			
PGWC-10.750-4.5	10-3/4", 32.8-55.5#			



7-1/16" TYPE U SEAL KIT					
STYLE	PART NO.	DESCRIPTION	QTY.	NOTES	
#1 Old	19060-1	Bonnet Seal	2		
#1 New	46613-1	Bonnet Seal	2		
#1 Cam Ram	644197-1	Bonnet Seal	2		
#2 Old	12469-36	Ring, Plastic Packing	2		
#3 Old	18586-12	Ring, Plastic Energizing	2		
#4 Old	18492-92	O-ring, Operate Piston Rod to Int. Flange	2		
#5 Old	18492-84	O-ring, Operate Piston	2		
#5 New	704774	Lip Seal, Operate Piston	2		
#6 Old	11741-32	Seal Ring, Tail Rod	2		
#7 Old	11741-37	Ring, Connecting Rod	2		
#8 Old	18491-73	O-ring, Ram Change Piston to Body	4		
#9 Old	6227-73-13-85	O-ring, Operating Cylinder	4		
#10 Old	6227-34-01-70	O-ring, Wiping	2		
#11 Old	6227-32-13-85	O-ring, Ram Change Piston to Int. Flange	4		
#12 Old	6227-41-13-85	O-ring, Ram Change Cylinder to Int. Flange	4		
#13 Old	6227-45-13-85	O-ring, Ram Change Cylinder to Bonnet	4		
#14 Old	6227-35-13-85	O-ring, Ram Change Piston	4		
#15 Old	6230-01-13-85	O-ring, Bonnet Bolt Retainer	8		

TO MAKE 7-1/16" SEAL KIT INTO REPAIR KIT INCLUDE #16 THRU #19:					
STYLE	PART NO.	DESCRIPTION	QTY.	NOTES	
#16	21792-21	Back-up Ring	4		
#17	49223-03	Wear Band	2		
#18	2353-26	Washer	2		
#19	18572-83	Retainer Ring	2		
ITEMS #1-15		Complete Old Style Seal Kit (OS Bonnet)		
ITEMS #1-15		Complete Cam Ram Seal Kit	(C/R Bonnet & NS Piston)		
ITEMS #1-19		Complete Old Style Repair Ki	it		
ITEMS #1-15		Complete Cam Ram Repair k	Cit		

11" TYPE U SEAL KIT				
STYLE	PART NO.	DESCRIPTION	QTY.	
#1 Old	19060-13	Bonnet Seal	2	
#1 New	46613-02	Bonnet Seal	2	
#1 Cam Ram	644197-2	Bonnet Seal	2	
#2 Old	12469-38	Ring, Plastic Packing	2	
#3 Old	18586-18	Ring, Plastic Energizing	2	
#4 Old	18492-91	O-ring, Operating Piston Rod to Int. Flange	2	
#5 Old	18492-88	O-ring, Operating Piston	2	
#5 New	704773	Lip Seal, Operating Piston	2	
#6 Old	11741-33	Seal Ring, Tail Rod	2	
#7 Old	11741-38	Ring, Connecting Rod	2	
#8 Old	6227-29-13-85	O-ring, Ram Change Piston to Body	4	
#9 Old	6227-78-13-85	O-ring, Operating Cylinder	4	
#10 Old	6227-38-01-70	O-ring, Wiping	2	
#11 Old	6227-34-13-85	O-ring, Ram Change Piston to Int. Flange	4	
#12 Old	31423-25-13-85	O-ring, Ram Change Cylinder to Int. Flange		
		(6227-44-13-85)	4	
#13 Old	31423-26-13-85	O-ring, Ram Change Cylinder to Bonnet		
		(6227-48-13-85)	4	
#14 Old	6227-38-13-85	O-ring, Ram Change Piston	4	
#15a Old	6230-05-13-85	O-ring, Bonnet Bolt Retainer 3000 psi	8	
#15b Old	6230-07-13-85	O-ring, Bonnet Bolt Retainer 5000 psi	8	
#15c Old	6230-12-13-85	O-ring, Bonnet Bolt Retainer 10000 psi	8	

TO MAKE 11" SEAL KIT INTO REPAIR KIT INCLUDE #16 THRU #19:				
STYLE	PART NO.	DESCRIPTION	QTY.	
#16	21792-21	Back-up Ring	4	
#17	49223-03	Wear Band	2	
#18	2353-26	Washer	2	
#19	18572-83	Retainer Ring	2	
ITEMS #1-15		Complete Old Style Seal Kit	t (OS Bonnet)	
ITEMS #1-15		Complete Cam Ram Seal Kit (C/R Bonnet & NS Piston)		
ITEMS #1-19		Complete Old Style Repair	Kit	
ITEMS #1-15		Complete Cam Ram Repair	Kit	

13-5/8" TYPE U SEAL KIT					
STYLE	PART NO.	DESCRIPTION	QTY.		
#1 Old	19060-11	Bonnet Seal	2		
#1 New	46613-13	Bonnet Seal	2		
#1 Cam Ram	644197-3	Bonnet Seal	2		
#2 Old	12469-24	Ring, Plastic Packing	2		
#3 Old	18586-01	Ring, Plastic Energizing	2		
#4 Old	18492-90	O-ring, Operating Piston Rod to Int. Flange	2		
#5 Old	18492-29	O-ring, Operating Piston	2		
#5 New	704772	Lip Seal, Operating Piston	2		
#6 Old	11741-34	Seal Ring, Tail Rod	2		
#7 Old	11741-36	Ring, Connecting Rod	2		
#8 Old	6227-31-13-85	O-ring, Ram Change Piston to Body	4		
#9 Old	6227-82-13-85	O-ring, Operating Cylinder	4		
#10 Old	6227-40-01-70	O-ring, Wiping	2		
#11 Old	6227-36-13-85	O-ring, Ram Change Piston to Int. Flange	4		
#12 Old	6227-49-13-85	O-ring, Ram Change Cylinder to Int. Flange	4		
#13 Old	6227-88-13-85	O-ring, Ram Change Cylinder to Bonnet	4		
#14 Old	6227-41-13-85	O-ring, Ram Change Piston	4		
#15a Old	6230-09-13-85	O-ring, Bonnet Bolt Retainer 3000 psi	8		
#15b Old	6230-10-01-90	O-ring, Bonnet Bolt Retainer 5000 psi	8		
#15c Old	6230-17-13-85	O-ring, Bonnet Bolt Retainer 10000 psi	8		

TO MAKE 13-5/8" SEAL KIT INTO REPAIR KIT INCLUDE #16 THRU #19:					
STYLE	PART NO.	DESCRIPTION	QTY.		
#16	21792-26	Back-up Ring	4		
#17	49223-01	Wear Band	2		
#18	689523-01	Washer	2		
#19	18572-83	Retainer Ring	2		
ITEMS #1-15		Complete Old Style Seal Ki	t (OS Bonnet)		
ITEMS #1-15		Complete Cam Ram Seal K	Complete Cam Ram Seal Kit (C/R Bonnet & NS Piston)		
ITEMS #1-19		Complete Old Style Repair Kit			
ITEMS #1-15		Complete Cam Ram Repair	· Kit		

6" QRC RAM TYPE SEAL KIT					
PART NO.	DESCRIPTION	QTY.	NOTES		
19061-1	Bonnet Seal	2			
11741-1	Ring, Connecting Rod Seal	2			
11746-1	Ring, Plastic Packing Retainer	4			
11741-7	Ring, Operating Cylinder Head	4			
11741-4	Ring, Piston	4			
18493-12	Ring, Piston Rod Seal	4			
PQRC6-SKIT	6" QRC Seal Kit				

Note: Individual parts can be quoted on request.

GK SEAL KIT	
PART NO.	SIZE
PGKS-7-3	7-1/16" 3M#
PGKS-7-5	7-1/16" 5M#
PGKS-11-3	11" 3M#
PGKS-11-5	7-5/8" 5M#
PGKS-13-3	13-5/8" 3M#
PGKS-13-5	13-5/8" 5M#

Note: Individual parts can be quoted on request.

MSP SEAL KIT	
PART NO.	SIZE
PMSPS-7-2	7-1/16" 2M#
PMSPS-9-2	9" 2M#
PMSPS-11-2	11" 2M#
PMSPS-21-2	21-1/4" 2M#
PMSPS-29-05	29-1/2" 500#

RAM TYPE SEAL KIT		
PART NO.	SIZE	
PSRP-7-3	7-1/16" 3M# LWP	
PSRS-7-5	7-1/16" 5M# LWS	
PSRP-9-3	9" 3M# LWP	
PSRS-11-5	11" 5M# LWS	
PSRL-13-3-5	13-5/8" 3M-5M# SL	
PSRL-13-10	13-5/8" 10M# SL	
PSRL-11-10	11" 10M# SL W/14" CYL.	
PSRLP-13-10	13-5/8" 10M# SL (Poslock Cyl.)	
PSRSP-20-3	20-3/4" 3M# LWS (Poslock Cyl.) Note: 10" or 14" Cyl.	
PSRSP-21-2	21-1/4" 2M# LWS (Poslock Cyl.) Note: 10" or 14" Cyl.	

Note: Individual parts can be quoted on request.

SPHERICAL SEAL KIT		
PART NO.	SIZE	
PSSK-7-3 ST	7-1/16" 3M#	
PSSK-7-5 ST	7-1/16" 5M#	
PSSK-9-5 ST	9" 5M#	
PSSK-11-5 ST	11" 5M#	
PSSK-13-5 ST	13-5/8" 5M#	
PSSK-21-2 ST	21-1/4" 2M#	

Note: Individual parts can be quoted on request.

Miscellaneous

SWIVEL SEAT	
PART NO.	SIZE
PKSS-15XV5	2"



RUBBER COATED RING GASKET		
PART NO.	DESCRIPTION	
PR-45	R-45	
PR-46	R-46	
PR-4546	R-45 & R-46 Combination	



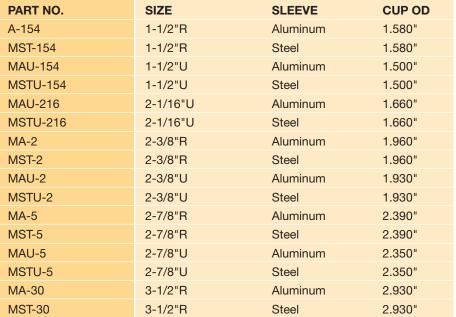
Swab Cups

LIGHT LOAD ALL RUBBER SWAB CUPS			
PART NO.	SIZE	SLEEVE	CUP OD
SDA-2	2-3/8"	Aluminum	1.970"
SDT-2	2-3/8"	Steel	1.970"
SDA-5	2-7/8"	Aluminum	2.400"
SDT-5	2-7/8"	Steel	2.400"
SDA-30	3-1/2"	Aluminum	2.960"
SDA-30	3-1/2"	Steel	2.960"



PART NO.	SIZE	SLEEVE
A-154	1-1/2"R	Aluminum
MST-154	1-1/2"R	Steel
MAU-154	1-1/2"U	Aluminum
MSTU-154	1-1/2"U	Steel

MEDIUM LOAD ALL RUBBER SWAB CUPS





SUPER LOAD ALL RUBBER SWAB CUPS

GOT EN LOAD ALL HODDLIT SWAD GOT G			
PART NO.	SIZE	SLEEVE	CUP OD
SA-2	2-3/8"R	Aluminum	1.950"
ST-2	2-3/8"R	Steel	1.950"
USA-2	2-3/8"U	Aluminum	1.930"
UST-2	2-3/8"U	Steel	1.930"
SA-1	2-3/8" / 5.95 #PH-6	Aluminum	1.760"
ST-1	2-3/8" / 5.95 #PH-6	Steel	1.760"
SA-5	2-7/8"R	Aluminum	2.390"
ST-5	2-7/8"R	Steel	2.390"
USA-5	2-7/8"U	Aluminum	2.350"
UST-5	2-7/8"U	Steel	2.350"
SA-7	2-7/8" / 7.9 #PH-6	Aluminum	2.230"
ST-7	2-7/8" / 7.9 #PH-6	Steel	2.230"
SA-6	2-7/8" / 8.7 #PH-6	Aluminum	2.170"
ST-6	2-7/8" / 8.7 #PH-6	Steel	2.170"
SA-30	3-1/2"R	Aluminum	2.930"
ST-30	3-1/2"R	Steel	2.930"



Swab Cups

SUPER LOAD WIRE SWAB CUPS				
PART NO.	SIZE	SLEEVE	CUP OD	
USW-2	2"	Undersize Wire	1.915"	
USW-5	2-1/2"	Undersize Wire	2.340"	
USW-30	3-1/2"	Undersize Wire	2.880"	



V CUPS ALL RUBBER SWAB CUPS			
PART NO.	SIZE	SLEEVE	CUP OD
SV-450	4-1/2"C	Steel	4.000"
SV-550	5-1/2"C	Steel	4.950"



Oil Saver Rubbers

TYPE "H" OIL SAVER			
PART NO.	SIZE	DUROMETER	
H916	3/8" - 5/8" Black	50-Duro	
H916R	3/8" - 5/8" Red	40-Duro	
H916B	3/8" - 5/8" Blue	40-Duro	



Rod Strippers

DOUBLE "E" ROD STRIPPER	
PART NO.	SIZE
EEBSR	1/2" - 1"



Notes

Catalog EPS 5265

Offer of Sale Catalog EPS 5265

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- 5. Claims; Commencement of Actions. Buyer shall promptly inspect all Products upon delivery. No claims for shortages will be allowed unless reported to the Seller within 10 days of delivery. No other claims against Seller will be allowed unless asserted in writing within 30 days after delivery. Buyer shall notify Seller of any alleged breach of warranty within 30 days after the date the defect is or should have been discovered by Buyer. Any action based upon breach of this agreement or upon any other claim arising out of this sale (other than an action by Seller for an amount due on any invoice) must be commenced within 12 months from the date of the breach without regard to the date breach is discovered.
- 6. LIMITATION OF LIABILITY. UPON NOTIFICATION, SELLER WILL, AT ITS OPTION, REPAIR OR REPLACE A DEFECTIVE PRODUCT, OR REFUND THE PURCHASE PRICE. IN NO EVENT SHALL SELLER BE LIABLE TO BUYER FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF, OR AS THE RESULT OF, THE SALE, DELIVERY, NON-DELIVERY, SERVICING, USE OR LOSS OF USE OF THE PRODUCTS OR ANY PART THEREOF, OR FOR ANY CHARGES OR EXPENSES OF ANY NATURE INCURRED WITHOUT SELLER'S WRITTEN CONSENT, EVEN IF SELLER HAS BEEN NEGLIGENT, WHETHER IN CONTRACT, TORT OR OTHER LEGAL THEORY. IN NO EVENT SHALL SELLER'S LIABILITY UNDER ANY CLAIM MADE BY BUYER EXCEED THE PURCHASE PRICE OF THE PRODUCTS.
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- 8. Loss to Buyer's Property. Any designs, tools, patterns, materials, drawings, confidential information or equipment furnished by Buyer or any other items which become Buyer's property, will be considered obsolete and may be destroyed by Seller after two consecutive years have elapsed without Buyer ordering the items manufactured using such property. Seller shall not be responsible for any loss or damage to such property while it is in Seller's possession or control.
- 9. Special Tooling. A tooling charge may be imposed for any special tooling, including without limitation, dies, fixtures, molds and patterns, acquired to manufacture Products. Such special tooling shall be and remain Seller's property notwithstanding payment of any charges by Buyer. In no event will Buyer acquire any interest in apparatus belonging to Seller which is utilized in the manufacture of the Products, even if such apparatus has been specially converted or adapted for such manufacture and notwithstanding any charges paid by Buyer. Unless otherwise agreed, Seller shall have the right to alter, discard or otherwise dispose of any special tooling or other property in its sole discretion at any time.
- 10. Buyer's Obligation; Rights of Seller. To secure payment of all sums due or otherwise, Seller shall retain a security interest in the goods delivered and this agreement shall be deemed a Security Agreement under the Uniform Commercial Code. Buyer authorizes Seller as its attorney to execute and file on Buyer's behalf all documents Seller deems necessary to perfect its security interest.
- 11. Improper use and Indemnity. Buyer shall indemnify, defend, and hold Seller harmless from any claim, liability, damages, lawsuits, and costs (including attorney fees), whether for personal injury, property damage, patent, trademark or copyright infringement or any other claim, brought by or incurred by Buyer, Buyer's employees, or any other person, arising out of: (a) improper selection, improper application or other misuse of Products purchased by Buyer from Seller; (b) any act or omission, negligent or otherwise, of Buyer; (c) Seller's use of patterns, plans, drawings, or specifications furnished by Buyer to manufacture Product; or (d) Buyer's failure to comply with these terms and conditions. Seller shall not indemnify Buyer under any circumstance except as otherwise provided.
- 12. Cancellations and Changes. Orders shall not be subject to cancellation or change by Buyer for any reason, except with Seller's written consent and upon terms that will indemnify, defend and hold Seller harmless against all direct, incidental and consequential loss or damage. Seller may change product features, specifications, designs and availability with notice to Buyer.
- 13. Limitation on Assignment. Buyer may not assign its rights or obligations under this agreement without the prior written consent of Seller.
- 14. Force Majeure. Seller does not assume the risk and shall not be liable for delay or failure to perform any of Seller's obligations by reason of circumstances beyond the reasonable control of Seller (hereinafter "Events of Force Majeure"). Events of Force Majeure shall include without limitation: accidents, strikes or labor disputes, acts of any government or government agency, acts of nature, delays or failures in delivery from carriers or suppliers, shortages of materials, or any other cause beyond Seller's reasonable control.
- 15. Waiver and Severability. Failure to enforce any provision of this agreement will not waive that provision nor will any such failure prejudice Seller's right to enforce that provision in the future. Invalidation of any provision of this agreement by legislation or other rule of law shall not invalidate any other provision herein. The remaining provisions of this agreement will remain in full force and effect.
- 16. Termination. Seller may terminate this agreement for any reason and at any time by giving Buyer thirty (30) days written notice of termination. Seller may immediately terminate this agreement, in writing, if Buyer: (a) commits a breach of any provision of this agreement (b) appointments a trustee, receiver or custodian for all or any part of Buyer's property (c) files a petition for relief in bankruptcy on its own behalf, or by a third party (d) makes an assignment for the benefit of creditors, or (e) dissolves or liquidates all or a majority of its assets.
- 17. Governing Law. This agreement and the sale and delivery of all Products hereunder shall be deemed to have taken place in and shall be governed and construed in accordance with the laws of the State of Ohio, as applicable to contracts executed and wholly performed therein and without regard to conflicts of laws principles. Buyer irrevocably agrees and consents to the exclusive jurisdiction and venue of the courts of Cuyahoga County, Ohio with respect to any dispute, controversy or claim arising out of or relating to this agreement.
- 18. Indemnity for Infringement of Intellectual Property Rights. Seller shall have no liability for infringement of any patents, trademarks, copyrights, trade dress, trade secrets or similar rights except as provided in this Section. Seller will defend and indemnify Buyer against allegations of infringement of U.S. patents, U.S. trademarks, copyrights, trade dress and trade secrets ("Intellectual Property Rights"). Seller will defend at its expense and will pay the cost of any settlement or damages awarded in an action brought against Buyer based on an allegation that a Product sold pursuant to this Agreement infringes the Intellectual Property Rights of a third party. Seller's obligation to defend and indemnify Buyer is contingent on Buyer notifying Seller within ten (10) days after Buyer becomes aware of such allegations of infringement, and Seller having sole control over the defense of any allegations or actions including all negotiations for settlement or compromise. If a Product is subject to a claim that it infringes the Intellectual Property Rights of a third party, Seller may, at its sole expense and option, procure for Buyer the right to continue using the Product, replace or modify the Product so as to make it noninfringing, or offer to accept return of the Product and return the purchase price less a reasonable allowance for depreciation. Notwithstanding the foregoing, Seller shall have no liability for claims of infringement based on information provided by Buyer, or directed to Products delivered hereunder for which the designs are specified in whole or part by Buyer, or infringements resulting from the modification, combination or use in a system of any Product sold hereunder. The foregoing provisions of this Section shall constitute Seller's sole and exclusive liability and Buyer's sole and exclusive remedy for infringement of Intellectual Property Rights.
- 19. Entire Agreement. This agreement contains the entire agreement between the Buyer and Seller and constitutes the final, complete and exclusive expression of the terms of sale. All prior or contemporaneous written or oral agreements or negotiations with respect to the subject matter are herein merged.
- 20. Compliance with Law, U. K. Bribery Act and U.S. Foreign Corrupt Practices Act. Buyer agrees to comply with all applicable laws and regulations, including both those of the United Kingdom and the United States of America, and of the country or countries of the Territory in which Buyer may operate, including without limitation the U. K. Bribery Act, the U.S. Foreign Corrupt Practices Act ("FCPA") and the U.S. Anti-Kickback Act (the "Anti-Kickback Act"), and agrees to indemnify and hold harmless Seller from the consequences of any violation of such provisions by Buyer, its employees or agents. Buyer acknowledges that they are familiar with the provisions of the U. K. Bribery Act, the FCPA and the Anti-Kickback Act, and certifies that Buyer will adhere to the requirements thereof. In particular, Buyer represents and agrees that Buyer shall not make any payment or give anything of value, directly or indirectly to any governmental official, any foreign political party or official thereof, any candidate for foreign political office, or any commercial entity or person, for the purpose of influencing such person to purchase products or otherwise benefit the business of Seller.



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