



Wave Cyber



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4" MEMBRANE PRESSURE VESSEL SPARE PART LIST SIDE PORT AND END PORT



4" Membrane Pressure Vessel – Spare Parts List (1000 PSI)

Table of Contents

1) Individual Components

A) SIDE PORT VESSEL COMPONENTS ONLY.....	1-3
I) BEARING PLATES.....	1
II) PERMEATE PIPE.....	1
III) SEALING END PLATE.....	1
IV) SIDE PORT PARTS – GENERATION 3	1
- Side Port.....	1
- Side Port Seal.....	1
- Side Port Gasket Seal.....	1
- Clasp.....	1
- Clasp Cover.....	2
V)SIDE PORT PARTS – GENERATION 2.....	2
- Side Port.....	2
- Side Port Seal.....	2
- Side Port Gasket Seal.....	2
- Retaining Ring.....	2
VI) SIDE PORT PARTS – GENERATION 1.....	2
- Side Port.....	2
- Side Port Seal.....	2
- Retaining Ring.....	2
B) END PORT VESSEL COMPONENTS ONLY	3
I) BEARING PLATE	3
II) PERMEATE PIPE PARTS.....	3
III) SEALING PLATE.....	3
IV) END PORT PARTS.....	3
C) SIDE PORT & END PORT VESSELS COMMON PARTS.....	3-4
I) THREE TURN RETAINING RING.....	3
II) HEAD SEAL.....	3
III) PERMEATE PORT PARTS.....	4
IV) PERMEATE PIPE PARTS.....	4
V)ADAPTOR PARTS.....	4
- ADAPTOR.....	4
- ADAPTOR SEAL.....	4
VI) SADDLE PARTS.....	4
- Saddle.....	4
- Strap & Strap Nut.....	4
- Strap Screw.....	4
- Strap Protective Jacket.....	4

2) Spare Parts Kit Options

A) SIDE PORT VESSEL KITS ONLY	5-6
I) COMPLETE HEAD ASSEMBLY KIT	5
- Sealing End Plate	
- Bearing Plate	
- Permeate Port Retaining Ring	



4" Membrane Pressure Vessel – Spare Parts List (1000 PSI)

- Head Seal	
- End Port Seal	
- Permeate Pipe	
- Permeate Pipe Seal	
II) COMPLETE MPV SEAL/RETAINING RING KITS.....	5
- Side Port Curved Seal – Generation 1	
- Side Port Seal – Generation 2	
- Side Port Gasket Seal – Generation 2	
- Retaining Ring	
- Clasp & Clasp Cover	
- Head Seal & End Port Seal	
- Permeate Pipe Seal	
III) SIDE PORT KITS (ENOUGH FOR 1 SIDE PORT PER VESSEL).....	6
- Side Port Curved Seal – Generation 1	
- Side Port Seal – Generation 2	
- Side Port Gasket Seal – Generation 2	
- Retaining Ring	
- Clasp & Clasp Cover	
 B) END PORT VESSEL KITS ONLY	6
I) COMPLETE HEAD ASSEMBLY KIT	6
- Sealing End Plate	
- Bearing Plate	
- Permeate Port Retaining Ring	
- Head Seal	
- End Port Seal	
- End Port	
- End Port Retaining Ring	
- Permeate Pipe	
- Permeate Pipe Seal	
II) COMPLETE MPV SEAL/RETAINING RING KITS.....	7
- End Port Seal	
- End Port Retaining Ring	
- Head Seal	
- Permeate Pipe Seal	
 C) SIDE PORT & END PORT VESSELS COMMON KITS	
I) Saddle Kit.....	7
- Saddle	
- Strap	
- Strap Nut	
- Strap Screw	
- Strap Protective Jacket	

4" Membrane Pressure Vessel – Spare Parts List (1000 PSI)

1. Individual Components

A. Side Port Vessel Components Only

I. *Bearing Plates*



Bearing Plate, SB-211,6061-T6

	<u>Part No.</u>
1000 PSI Pressure Vessel	20063

II. *Permeate Pipe*



Permeate Pipe, ABS

	<u>Part No.</u>
1000 PSI Pressure Vessel	10194

III. *Sealing End Plate*



Sealing End Plate, ABS

	<u>Part No.</u>
1000 PSI Pressure Vessel	10233

IV. *Side Port Parts – Generation 3*

Side Port (SS316L)



	Q (1")	K (1")
		NPT3/4"
	Part No.	Part No.
1000 PSI Pressure Vessel	20167	20393

Side Port Seal (EPDM)



	Q (1") or K (1")
	Part No.
1000 PSI Pressure Vessel	10620

Side Port Gasket Seal (EPDM)



	Q (1") or K (1")
	Part No.
1000 PSI Pressure Vessel	10621

Clasp (SS316)



	Q (1") or K (1")
	Part No.
1000 PSI Pressure Vessel	20692

Clasp Cover (SS316)



	Q (1") or K (1")
	Part No.
1000 PSI Pressure Vessel	20693

V. Side Port Parts – Generation 2

Side Port (SS316L)



	Q (1")	K (1")
		NPT3/4"
	Part No.	Part No.
1000 PSI Pressure Vessel	20167	20393

Side Port Seal (EPDM)



	Q (1") or K (1")
	Part No.
1000 PSI Pressure Vessel	10620

Side Port Gasket Seal (EPDM)



	Q (1") or K (1")
	Part No.
1000 PSI Pressure Vessel	10621

Retaining Ring (SS316)



	Q (1") or K (1")
	Part No.
1000 PSI Pressure Vessel	20169

VI. Side Port Parts – Generation 1

Side Port (SS316L)



	Q (1")	K (1")
		NPT3/4"
	Part No.	Part No.
1000 PSI Pressure Vessel	20167	20393

Side Port Seal (EPDM)



	Q (1") or K (1")
	Part No.
1000 PSI Pressure Vessel	10158

Retaining Ring (SS316)



	Q (1") or K (1")
	Part No.
1000 PSI Pressure Vessel	20169

B. End Port Vessels Only Components

I. *Bearing Plate*



Bearing Plate, SB-211,6061-T6

	<u>Part No.</u>
1000 PSI Pressure Vessel	20070

II. *Permeate Pipe Parts*



Permeate Pipe , ABS

	<u>Part No.</u>
1000 PSI Pressure Vessel	10191



Ceramic Rod , Ceramic

	<u>Part No.</u>
	10199

III. *Sealing Plate*



Sealing End Plate, ABS

	<u>Part No.</u>
1000 PSI Pressure Vessel	10205-1

IV. *End Port Parts*

End Port (S31803)



	<u>Part No.</u>
1000 PSI Pressure Vessel	20152-1

End Port Retaining Ring (SS316L)



	<u>Part No.</u>
1000 PSI Pressure Vessel	20121

C. Side Port and End Port Vessels Common Parts

I. *Three Turn Retaining Ring*

Three Turn Retaining Ring (316)



	<u>Part No.</u>
1000 PSI Pressure Vessel	20026

II. *Head Seal*

Head Seal (EPDM)



	<u>Part No.</u>
All Pressure	10177

III. Permeate Port Parts

Permeate Port Retaining Ring (316)



1000 PSI Pressure Vessel	Part No.
	20109

IV. Permeate Pipe Parts

Permeate Pipe Seal (EPDM)



1000 PSI Pressure Vessel	Part No.
	10187

End Port Seal (EPDM)



1000 PSI Pressure Vessel	Part No.
	10186

V. Adaptor Parts

Adaptor (ABS)



	W/Hole	W/O Hole
	Part No.	Part No.
1000 PSI Pressure Vessel	10127-1	



1000 PSI Pressure Vessel	10469	10468
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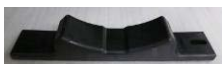
Adaptor Seal (EPDM)



Part No. of Adaptor Above	Part No.
10127-1	10178
10469 / 10468	10389

VI. Saddle Parts

Saddle (TPU)



All pressure	Part No.
	10140

Strap (304)



All pressure	Part No.
	20124

Strap Nut (Hpb51-9)



All pressure	Part No.
	20124

Strap Screw (SS)



All pressure	Part No.
	20128

Strap Protective Jacket (Soft PVC)



All pressure	Part No.
	10189

2. Spare Parts Kit Option

A. Side Port Vessels Only Kits

I. Complete Head Assembly (10632)

- Sealing End Plate
- Bearing Plate
- Permeate Port Retaining Ring
- Head Seal
- End Port Seal
- Permeate Pipe
- Permeate Pipe Seal

Sealing End Plate (10233)	Bearing Plate (20063)	Permeate Port Retaining Ring (20109)	Head Seal (10177)
			
End Port Seal (10186)	Permeate Pipe (10194)	Permeate Pipe Seal (10187)	
			

Pressure Rating	1000P
Complete Head Assembly	<u>Kits Code</u>
	10632

II. Complete MPV Seal/Retaining Ring Kits (Enough for 4 side ports per vessel)

Size	Side Port Seal Kits – 1000P			
	Kits code	Part No. & Description		QTY
1"	11177	10158	Side Port Curved Seal - Generation 1	4
		10620	Side Port Seal - Generation 2	4
		10621	Side Port Gasket Seal - Generation 2	4
		20169	Retaining Ring	4
		20692	Clasp	4
		20693	Clasp Cover	4
		10177	Head Seal	2
		10186	End Port Seal	2
		10187	Permeate Pipe Seal	2
		Part Identification Sheet		1

III. *Side Port Kits* (Enough for one side port only)

Size	Side Port Seal Kits-300P/450P/1000P			
	Kits code	Part No. & Description		QTY
1"	20699	10158	Side Port Curved Seal - Generation 1	1
		10620	Side Port Seal - Generation 2	1
		10621	Side Port Gasket Seal - Generation 2	1
		20169	Retaining Ring	1
		20692	Clasp	1
		20693	Clasp Cover	1

B. End Port Vessels Only Kits

I. *Complete Head Assembly (10633)*

- Sealing End Plate
- Bearing Plate
- Permeate Port Retaining Ring
- Head Seal
- End Port Seal
- End Port
- End Port Retaining Ring
- Permeate Pipe
- Permeate Pipe Seal

Sealing End Plate (10205-1)	Bearing Plate (20070)	Permeate Port Retaining Ring (20109)	Head Seal (10177)	End Port Seal (10186)
				
End Port (20152-1)	End Port Retaining Ring (20121)	Permeate Pipe (10191)	Permeate Pipe Seal (10187)	
				

Pressure Rating	1000P
Complete Head Assembly	<u>Kits Code</u>
	10633

II. *Complete MPV Seal/ Retaining Ring Kits*

Pressure Rating	End Port Seal Kits			
	Kits code	Part No. & Description		QTY
1000E	11178	10186	End Port Seal	4
		20121	End Port Retaining Ring	4
		10177	Head Seal	2
		10187	Permeate Pipe Seal	2
	Part Identification Sheet			1

C. Side Port and End Port Vessels Common Kits

I. *Saddle Kits*

Saddle Kit Options

	<u>Part No.</u>
Saddle	10140
Strap & Strap Nut	20124
Strap Screw	20128
Strap Protective Jacket	10189
Complete Saddle Kit	20277



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