



19	Adapter	20000372	2	ABS	
18	O-Ring	20000322	4	EPDM	17*2.65
17	Screw	20000211	2	304SST	M6*20
16	Saddle	20000003	2~3	Rubber	
15	Strap Screw	20000200	4~6	304SST	M8*70
14	Strap	20000190	2~3	304SST-Rubber	
13	O-Ring	20000325	4	EPDM	25*2.65
12	Securing Screw	20000205	6	304SST	M6*10
11	Plug	20000078	1	ABS	
10	Permeate Port	20000080	2	ABS	
9	Locking Kit Segment	20000013 14 15	6	316SST	
8	O-Ring	20000320	4	EPDM	19*2.65
7	Bearing Plate	20000409	2	Aluminium Alloy	
6	Feed/Conc. Port	20000492	2~4	2205SST/2507SST	
5	Retaining Ring	20000019	2~4	304SST	
4	O-Ring	20000326	4~8	EPDM	28*2.65
3	O-Ring	20000319	4	EPDM	90*5.3
2	Sealing Plate	20000286	2	ABS	
1	Pressure Shell	See SelectionTable	1	Epoxy FRP	White
Ref.	Description	Part Number	Qty.	Material	Remark

### Note

1. Design pressure: 1000PSI (69Bar)
2. Design temperature: 150° F (66° C)
3. Minimum temperature: 14° F (-10° C)
4. Working medium: Water, PH 3-11
5. Please operate in accordance with User Guide
6. Flexible piping should be used on permeate connection to manifold
7. Side port misalignment can not exceed 0.7mm in any direction
8. Subject to change without prior notice

Ref.	Part Number	L (MM)	P (MM)	S (MM)	Approx assembly weight (KG)
1	F401000S-1	1364	1036	600	17.63
2	F401000S-2	2380	2052	1200	23
3	F401000S-3	3396	3068	2200	29
4	F401000S-4	4412	4084	1600x2	35
5	F401000S-5	5428	5100	2300x2	41
6	F401000S-6	6444	6116	2700x2	47

## Harbin FirstLine Environment Technology Co., Ltd.

<b>First Line</b>	Design	Model
	Date	F40-1000S Pressure Vessel
	Review	
	Date	DRG
	Review	
Date		
Review	F40-100-S-00-01	
Date		
Approval	Unit	REV.
Date	mm	2023