



17	O-Ring	F40H-71-01	2	EPDM	17*2.65
16	Saddle	F40H-03-01	2~3	Rubber	
15	Strap Screw	F40H-83-01	4~6	304SST	M8*70
14	Strap	F40H-11-01	2~3	304SST-Rubber	
13	Adapter	F40H-26-01	2	ABS	
12	Securing Screw	F40H-84-01	6	304SST	M6*10
11	Plug	F40H-10-01	1	ABS	
10	Retaining ring	F40H-101-01	2	304SST	
9	Locking Kit Segment	F40H-95-01	6	316LSST	
8	O-Ring	F40H-59-01	2	EPDM	19*2.65
7	Bearing Plate	F40H-22-01	2	Aluminium Alloy	
6	Feed/Conc. Port	F40H-23-01	2~4	2507SST	
5	Retaining Ring	F40H-98-01	2~4	304SST	
4	O-Ring	F40H-70-01	4~8	EPDM	28*2.65
3	O-Ring	F40H-58-01	2	EPDM	90*5.3
2	Sealing Plate	F40H-21-01	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	13
2	F401000S-2	2380	2052	1200	19
3	F401000S-3	3396	3068	2200	25
4	F401000S-4	4412	4084	1600x2	30
5	F401000S-5	5428	5100	2300x2	36
6	F401000S-6	6444	6116	2700x2	42

Harbin FirstLine Environment Technology Co., Ltd.

**First Line**

Design Date	Model	F40-1000S Pressure Vessel	
Review Date	DRG	F40-100-S-00-01	
Approval Date	Unit	mm	REV. 2017