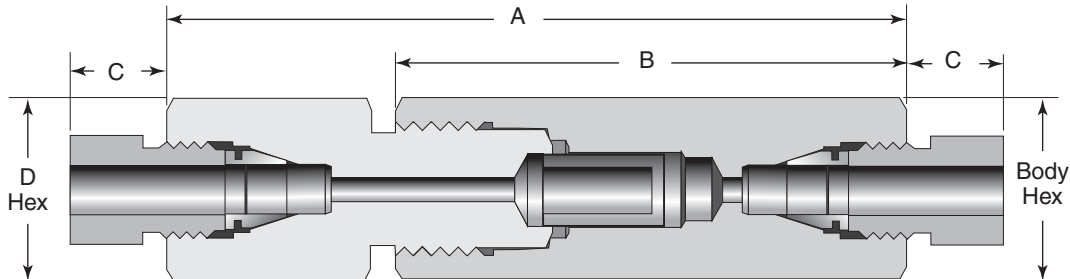


MAFC Series Cup Line Filter

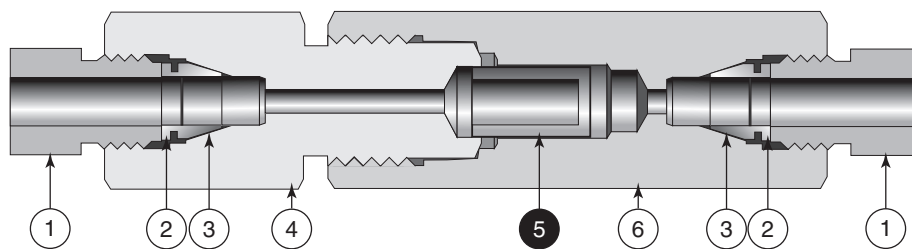
Parker's MAFC Series high flow Cup Line Filters are recommended in high pressure systems requiring both high flow rates and maximum filter surface area. Widely used in the industrial and chemical processing fields, the cup design offers as much as six times the effective filter area as compared to disc-type units. In addition, the filter elements can be quickly and easily replaced.



Tubing	Parker Part No. **	Pressure psi (bar)	Orifice inch (mm)	Micron Size	Connection	Dimensions - inches (mm)				
						A	B	C	D	Hex
1/4" O.D.	4MP7-MAFCL-5-SS	15,000 (1034)	0.125 (3.18)	5	1/4" MPI	3.80 (96.52)	2.63 (66.80)	.50 (12.70)	0.81 (20.57)	0.81 (20.57)
	35									
	65									
3/8" O.D.	6MP7-MAFCL-5-SS	15,000 (1034)	0.219 (5.56)	5	3/8" MPI	4.40 (111.76)	3.06 (77.72)	.63 (16.00)	0.94 (23.88)	1.00 (25.40)
	35									
	65									
1/2" O.D.	8MP7-MAFCL-5-SS	15,000 (1034)	0.359 (9.12)	5	1/2" MPI	5.56 (141.48)	3.94 (100.08)	.69 (17.53)	1.19 (30.23)	1.38 (35.05)
	35									
	65									
9/16" O.D.	9MP7-MAFCL-5-SS	15,000 (1034)	0.359 (9.12)	5	9/16" MPI	5.56 (141.48)	3.94 (100.08)	.75 (19.05)	1.19 (30.23)	1.38 (35.05)
	35									
	65									
3/4" O.D.	12MP7-MAFCL-5-SS	15,000 (1034)	0.516 (13.11)	5	3/4" MPI	7.71 (195.83)	5.76 (146.30)	.88 (22.35)	1.88 (47.75)	Ø 2.12 (53.85)
	35									
	65									
1" O.D.	16MP7-MAFCL-5-SS	12,500 (861.85)	0.688 (17.48)	5	1" MPI	8.71 (221.23)	6.25 (158.75)	1.13 (28.70)	1.88 (47.75)	Ø 2.12 (53.85)
	35									
	65									

**Other micron sizes are available on special order

For 2507 Super Duplex option, replace -SS with -2507 and add -XF for sizes 12 & 16 (increases MAWP to 15,000 psi), (does not change filter screen material which is 316 L)



Material of Construction

Item#	Part	Material
1	Nut	316 SS
2	Back Ferrule	316 SS
3	Front Ferrule	316 SS
4	Gland Nut	316 SS
5	Cup Filter	316 L
6	Body	316 SS
7	Spring (Not shown - only in 1" MPI)	302 SS

← FLOW

Notes:

- (1) All filters furnished complete with connection components unless otherwise specified. All dimensions for reference only and subject to change.
- (2) Parker Autoclave Engineers cup type filters are designed to filter small amounts of process particles. It is recommended that all fluids are thoroughly cleaned prior to entering the higher pressure system.
- (3) 2507 Super Duplex filters may be supplied with four flats in place of standard hex.
- (4) Pressure differential not to exceed 1,000 psi (69 bar) in a flowing condition.

Typical spare parts found in Repair Kit

MPI™ Medium Pressure Valves