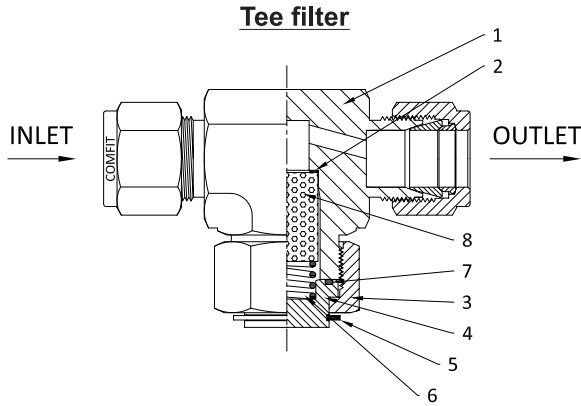
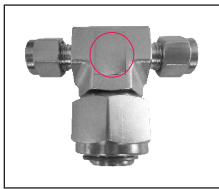


## TEE FILTER



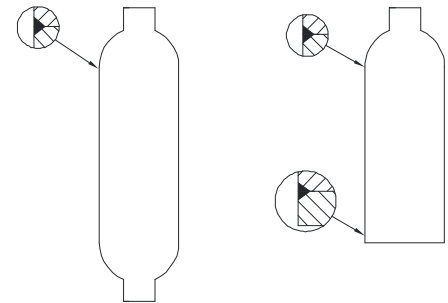
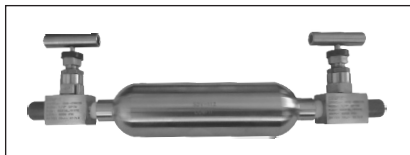
Sr. No.	Description	Qty.	Material
1	Body	1	ASTM A182 type F316
2	Washer	1	SS
3	Nut	1	ASTM A479 type 316
4	Cap	1	ASTM A479 type 316
5	Circlip	1	SS
6	Spring	1	SS 316
7	O-ring Seal	1	Fluorocarbon
8	Element	1	SS 316



- Tee Filters use for protection of instrumentation systems from undesirable materials.
- Filter element replacement achievable without removing body from the system. Compact, high strength forged body design with effective filtration area.
- Material of Construction: Stainless steel
- Standard sintered metal micron ratings : 2, 10, 50, and 100

- Port connections : include 1/8"to1/2"ODT, 1/8"to 1/2" male and female, NPT.
- Pressure Ratings : Stainless Steel - 6000 psig (414 bar) CWP
- Installation : Best installation practice is to orient the cap downward. This helps to prevent contaminants from entering the system during element change.

## SAMPLE CYLINDERS



**DOUBLE ENDED      SINGLE ENDED**

PRESSURE RATING PSIG (BAR)	INTERNAL VOLUME CM <sup>3</sup> ±5 %
500 (34.4)	150
	300
	500
1800 (124)	40
	50
	75
	150
	300
	400
1800 (124)	1000
	2250
	3785
1800 (124)	150
	300
	500
5000 (344)	150
	300
	500
1800 (124)	150
	300
	500

- Body made of seamless tubing provides consistent wall thickness, size, and capacity.
  - Heavy-wall end connections provide strength and resist flaring.
  - Full-penetration gas tungsten arc-weld construction provides leak-tight sample containment.
- Single Ended Cylinders**
- 150, 300, and 500 cm<sup>3</sup> sizes meet a variety of sampling needs.
  - 304L & 316L stainless steel construction resists intergranular corrosion.
  - Testing cylinders are hydrostatically proof tested at 1000 psig (69 bar) minimum.

**Double-Ended Cylinders**

- Sizes from 40 to 3785 cm<sup>3</sup> (1 gal)
  - Working pressures up to 5000 psig (344 bar)
  - 304L and 316L stainless steel materials resist intergranular corrosion.
  - 304L and 316L stainless steel double-ended cylinders are available with TC requirements.
  - Testing
- Each cylinder is hydrostatically tested to at least 1.5 times the working pressure. All testing of cylinders is witnessed by a -approved independent inspection.