

HIGH PRESSURE FILTERS

10,000 PSI TO 60,000 PSI RATED

DUAL-DISC LINE FILTERS

- Dual-disc line filters are utilized in chemical processing, aerospace, nuclear and other applications
- The large contamination particles are filtered by upstream element. The rest of the contamination particles are filtered by downstream element
- Easy to replace filter element
- Standard size of downstream/upstream nominal pore is 5/10, 10/35 and 35/65 μm
Other element combinations also available on special order
- Pressure differential not to exceed 1,000 psig (69 bar) in a flowing condition



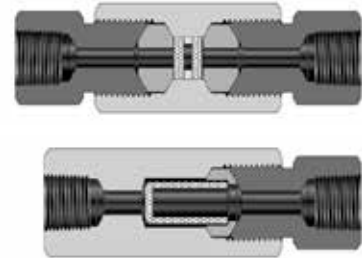
CUP-TYPE LINE FILTERS

- The filter elements can be quickly and easily replaced
- Cup-type Line Filters are recommended in high pressure systems requiring both maximum filter surface area and high flow rates. Cup-type Line Filters are widely used in chemical processing and industrial fields. The cup design of this filter offers about six times the effective filter area as compared to disc-type units
- Nominal pore sizes for filter element: 5, 35 and 65 μm
- Pressure differential not to exceed 1,000 psig (69 bar) in a flowing condition



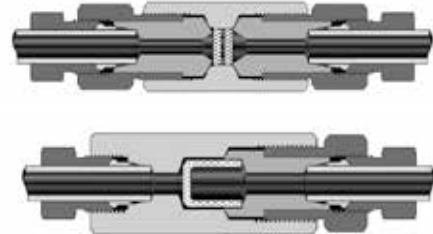
10FD 10FC SERIES LINE FILTERS

- Inlet connection:
3/4" NPT and 1" NPT
- Body materials: 316 SS
- Orifice sizes:
10FD Series: 0.359" and 0.563"
10FC Series: 0.516" and 0.688"
- Set pressure: 10000 psig (690 bar)
- Working temperature: -60°F to 400°F (-50°C to 204°C)



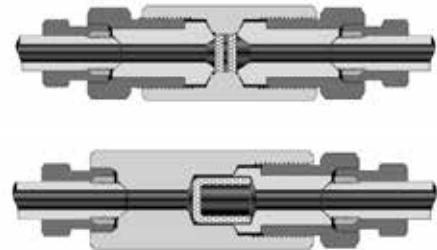
15FD 15FC SERIES LINE FILTERS

- End connections:
1/8", 1/4", 3/8", 1/2" tube fittings
1/8" NPT, 1/4" NPT, 3/8" NPT, 1/2" NPT
- Body materials: 316 SS
- Orifice sizes:
15FD Series: 0.094", 0.125", 0.188" and 0.312"
15FC Series: 0.125", 0.188", 0.132" and 0.438"
- Working pressure up to: 15000 psig (1034 bar)
- Working temperature:
Tube fittings: -60°F to 660°F (-50°C to 350°C)
NPT thread ends: -60°F to 400°F (-50°C to 204°C)



20FD 20FC SERIES LINE FILTERS

- End connections:
20FD Series: 9/16" tube fitting
20FC Series: 1/4", 3/8", 9/16", 3/4" and 1" tube fittings
- Body materials: 316 SS
- Orifice sizes:
20FD Series: 0.312"
20FC Series: 0.125", 0.218", 0.359", 0.516" and 0.688"
- Working pressure up to: 20000 psig (1379 bar)
- Working temperature: -60°F to 660°F (-50°C to 350°C)



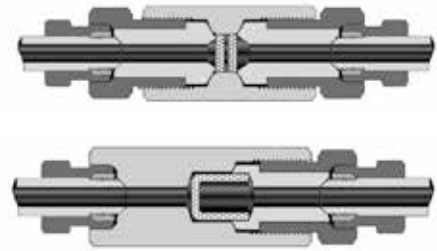
FITOK
Valves and Fittings

HIGH PRESSURE FILTERS

10,000 PSI TO 60,000 PSI RATED

60FD 60FC SERIES LINE FILTERS

- End connections: 1/4", 3/8" and 9/16" tube fittings
- Body materials: 316 SS
- Orifice sizes:
60FD Series: 0.094", 0.125" and 0.187"
60FC Series: 0.094", 0.125" and 0.187"
- Working pressure up to: 60000 psig (4137 bar)
- Working temperature: -60°F to 660°F (-50°C to 350°C)



PART NUMBER DESCRIPTION

15FD SS - FH 4 - 1035

SERIES	BODY MATERIAL	CONNECTION	SIZE	NOMINAL PORE SIZE
10FD	SS 316 SS	For 10FD/10FC Series	2 1/8"	For 10FD/15FD/20FD/60FD Series
10FC		FNS NPT (Female)	4 1/4"	0510 5/10 µm
15FD		For 15FD/15FC Series	6 3/8"	1035 10/35 µm
15FC		FH 15 Series	8 1/2"	3565 35/65 µm
20FD		FNS NPT (Female)	9 9/16"	For 10FC/15FC/20FC/60FC Series
20FC		For 20FD/20FC Series	12 3/4"	5 5 µm
60FD		FH 20 Series	16 1"	35 35 µm
60FC		For 60FD/60FC Series		65 65 µm
		FH 60 Series		

NB: "Part Number Description" is used for composition rules of Abdex product model, not suitable for specific product part number selection, not random combinations. If in doubt, please contact Abdex.