

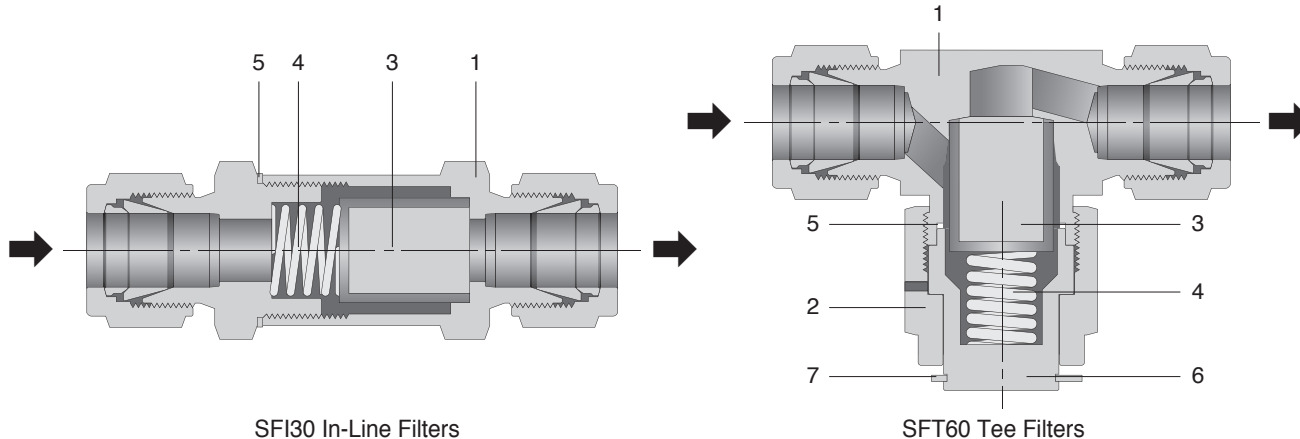
Product Information

SFI30 In-Line Filters, SFT60 Tee Filters

Features

- Trapping fine contamination to maintain system purity
- Gas and liquid filtration
- Standard micron filtering ranges : 0.5, 2, 7, 15, 60 and 90 microns
- Replaceable S316 sintered elements
- S316 and Brass body construction
- Choice of reliable S-Lok, NPT & ISO pipe end connections
- Heat Code Traceability

SFI30 IN-Line Filters	SFT60 Tee Filters
<ul style="list-style-type: none"> • In-line filters are applicable where space is limited and elements don't have to be replaced often. • Compact in-line design with large filtration area • Maximum working pressure 3,000 psig @100°F (206 bar @38°C) 	<ul style="list-style-type: none"> • Filter Element replaceable with the valve in-line. • Safety union bonnet design for high pressure rating • Optional Bypass for sampling or purging of process fluid. • Maximum working pressure 6,000 psig@100°F (413 bar @38°C)



SFI30 In-Line Filters

SFT60 Tee Filters

Materials of Construction

Component	SFI30		SFT60	
	Grade/ASTM/Specification			
1 Body	S316/A276	Brass/B16	S316/A276	Brass/B16
2 Nut	-	-	S316/A276	Brass/B16
3 Sintered Element	S316			
4 Spring	S302			
5 Gasket	S316/A240 silver plated			
6 Cap	-	-	S316/A276	Brass/B16
7 Retainer Ring	-	-	Stainless Steel	

Filtration & Terminology

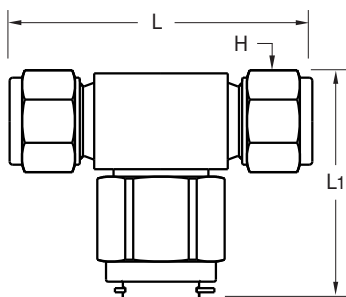
- Filter Element : The component within the Filter which traps media contamination.
- Filtration Area : The actual surface area of the filter element available to trap contamination.
- Micron : A unit of measure to describe the mean pore diameter of the filter element or the mean particle diameter of media contamination.
One micron = 0.001mm or 0.00004 inch

Product Information

Technical Information

Filter Series	Pressure Rating @100 °F(38 °C) psig (bar)		Temperature Rating °F(°C)		Filtration Area with Sintered Element inch ² (mm ²)
	S316	Brass	S316	Brass	
SFI1	3,000(206)	3,000(206)	-20 to 900 (-28 to 482)	-20 to 300 (-28 to 148)	0.55(350)
SFI2					1.30(830)
SFI3,SFI4	2,500(172)	2,000(137)			2.0(1280)

SFT Series Tee Filters



Ordering Information and Dimensions

Basic Ordering Number	End Connections Inlet and Outlet	Orifice inch (mm)	Dimensions.mm (in.)		
			L	L1	H
SFT1	F-2N	0.17 (4.4)	50.8(2.00)	47.5 (1.87)	-
	S-2T		27.7(2.27)		7/16
	S-4T		62.7(2.47)		9/16
	M-4N		54.1(2.13)		-
	F-4N		54.1(2.13)		-
	S-6M		62.5(2.46)		14mm
SFT2	S-6T	0.21 (5.4)	72.1(2.84)	56 (2.20)	11/16
	S-8M	72.1(2.84)		16mm	
SFT3	M-6N	0.25 (6.4)	60.5(2.38)	56 (2.20)	-
	S-10M		72.6(2.86)		19mm
	S-12M		77.2(3.04)		22mm
	S-8T		77.2(3.04)		7/8
	M-8N		68.9(2.75)		-

All dimensions shown are for reference only and are subject to change.
Dimensions with S-Lok nuts are in finger-tight position.

Technical Information

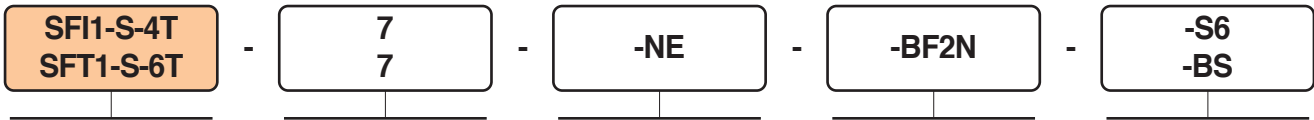
Filter Series	Pressure Rating @100 °F(38 °C) psig (bar)		Temperature Rating °F(°C)		Filtration Area with Sintered Element inch ² (mm ²)
	S316	Brass	S316	Brass	
SFT1,SFT2	6,000(413)	2,000(137)	-20 to 900	-20 to 300	1.3(830)
SFT3	6,000(413)	2,000(137)	-20 to 900	-20 to 300	2.0(1280)

Flow Capacities

Filter Series	Nominal Pore Micron	P		
		20 psig	60 psig	120 psig
Water GPM @ 70°F (21°C)				
SFT1-F-2N	05	0.01	0.44	0.13
	2	0.11	0.26	0.14
	7	0.14	0.33	0.53
	15	0.17	0.39	0.64
	60	0.21	0.55	0.77
SFT1-S-2T	90	0.28	0.55	0.66
	05	0.06	0.19	0.32
	2	0.34	0.94	1.42
	7	0.57	1.42	2.19
SFT1-S-4T	15	0.71	1.42	2.30
SFT1-M-4N	60	1.27	3.61	5.04
SFT1-F-4N	90	1.70	4.60	6.68
	05	0.13	0.44	0.83
SFT1-S-6M	2	0.37	1.20	1.75
SFT2-S-6T	7	0.91	2.41	3.83
SFT2 Series	15	1.19	2.85	4.49
SFT3 Series	60	2.83	7.34	10.95
	90	3.25	8.32	12.05

Ordering Information

• Select desired basic ordering number, element designator, option and body material listed below.



Series Designator	Sintered Element		Filter with no element	By-pass	Body Material
Basic Ordering Number	Element Designator	Nominal Micron	• NE: Filter with no element	<ul style="list-style-type: none"> • Nil: No By-pass option • BF2N: 1/8 in. Female NPT • BF4N: 1/4 in. Female NPT 	<ul style="list-style-type: none"> • S6 : S316 • BS : Brass
	05	0.5			
	2	2			
	7	7			
	15	15			
	60	60			
	90	90			



SFT, SFI