FINE series PURE

Standard series

FUCL-715-6.35

FUBV-915-6.35

FUD-75-9.52

Safety & Clean Technology

Fujikin Incorporated

Filter

Stainless Steel 16.2 MPa

FEATURES

- All wetted surfaces are completely oil-free
- Compact size and lightweight
- High-pressure certification may be provided

SPECIFICATIONS - MATERIALS

Materials	Part	Material
	Body	SUS316
	Filter Element	SUS316
	Gasket	SUS316 + Ag coating PTFE

Specification	Nominal Diameter	Maximum Operating Pressure	Fluid Temperature Range	Filter Shape	End-Connection
	1/8"	16.2 MPa 2,350 psi	−10～80 °C 14～175 °F	Line Type Tee Type	F900 Fitting UJR fitting (line-type only) Threaded Fitting
	6.35 (1/4")				
	9.52 (3/8")				
	12.7 (1/2")				

OPTIONS

- NPT Thread: Rc thread is standard; NPT thread may be made to order.
- Many line filter element sizes are available; please select the proper one for your use from the charts below.

Line Filter Element Size

Nominal Diameter	Element Size (μm)						
	0.1	0.5	2	5	10	40	70
1/8"	△	△	△	△	△	△	△
6.35, 1/4"	○※1	○※1	○	○	○	△	△
9.52, 3/8"	○※2	○※2	○	○	○	△	△
12.7, 1/2"	△	△	○	○	○	△	△

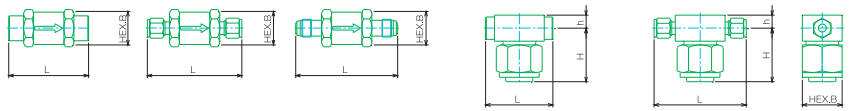
Tee Filter Element Size

Nominal Diameter	Element Size (μm)						
	0.1	0.5	2	5	10	40	70
1/8"	△	△	△	△	△	△	△
6.35, 1/4"	○※2	○※2	○	○	○	△	△
9.52, 3/8"	△	△	○	○	○	△	△
12.7, 1/2"	△	△	○※2	○※2	○※2	△	△

△ Made to order product ※1 : Only Finelok (F900) and UJR types are standard. ※2 : Only Finelok is standard.

DIMENSIONS

Figure 1 Figure 2 Figure 3 Figure 4 Figure 5



Line Filter Dimensions

(Unit : mm)

Nominal Diameter	Part Number	Figure	L	B
1/8"	FUFL-115A	1	64	26
1/4"	FUFL-115B	1	64	26
3/8"	FUFL-115C	1	78	32
1/2"	FUFL-115D	1	84	32
6.35	FUFL-915-6.35	2	76	26
9.52	FUFL-915-9.52	2	86	32
12.7	FUFL-915-12.7	2	94	32
6.35	FUFL-715-6.35	3	81.8	26
9.52	FUFL-715-9.52	3	84.6	32

Tee Filter Dimensions

Nominal Diameter	Part Number	Figure	L	H	h	B
1/8"	FUFT-115A	4	54	43	11	32
1/4"	FUFT-115B	4	54	43	11	32
3/8"	FUFT-115C	4	70	52	16	36
1/2"	FUFT-115D	4	70	52	16	36
6.35	FUFT-915-6.35	5	74	43	11	32
9.52	FUFT-915-9.52	5	90	50	14	36
12.7	FUFT-915-12.7	5	106	50	14	36

PART NUMBER DESIGNATION

Please use the part number designations below when placing an order.

FUF L - 9 15 - 6.35 - 2

A B C D E F

A : FUF : Stainless steel filter

B : L : Line type
T : Tee type

C : 1 : Threaded type fitting
7 : UJR fitting
9 : F900 fitting type

D : 15 : 16.2MPa maximum operating pressure

E : End-connections
6.35 : 1/4" OD
9.52 : 3/8" OD
12.7 : 1/2" OD (9.52 port diameter only for UJR end-connections)
A : Rc1/8
B : Rc1/4
C : Rc3/8
D : Rc1/2 (A dash before the letter is not necessary for Rc threaded valves)

F : Element Size
2 : 2 μm element size
5 : 5 μm element size
10 : 10 μm element size
40 : 40 μm element size*
70 : 70 μm element size*

* Optional or made to order.

Actual shipped products may have additional designations (such as #A, #B) in the part number. These indicate production history and do not indicate a change in function or dimensions.