

Industrial Filter

FGE Series

How to Order

FGES/FGEL type (V-band type) FGE S A-10-B 002 N A-G1

Symbol	Body	Gasket/O-ring
S	Stainless steel 304	NBR
L		FKM

Symbol	Pressure gauge type
G1	G46-10-02M (Brass at wetted parts)
G2	G46-10-02-SRB (Stainless steel at wetted parts)
Nii	None (with plug)

* Please use the applicable pressure gauge depending on the fluid used.
Control the differential pressure even when none pressure gauge is selected.

FGET type (Bolt tightening type) FGE T A-10-B 002 N

Symbol	Body	Gasket/O-ring
T	Stainless steel 304	Fluororesin

Element length

Symbol	Element length
A	L250
B	L500 (L250 x 2)
C	L750 (L250 x 3)

Port size

Symbol	Port size R
10	1
20	2

Element seal material ^{Note)}

Symbol	Element seal material
A	Non-asbestos
T	Fluororesin
N	NBR
V	FKM

Note) Refer to the below table for the element seal material types by the element category.

Nominal filtration accuracy (μm) ^{Note)}

Symbol	Nominal filtration accuracy (μm)	Symbol	Nominal filtration accuracy (μm)
X50	0.5	050	50
001	1	070	70
002	2	074	74
005	5	075	75
010	10	100	100
020	20	105	105
040	40	120	120

Note) For a comparison with the nominal filtration accuracy according to the element category, refer to pages 41 and 42.

Symbol	Element type	Material
B	Sintered metal	Bronze
S		Stainless steel
T	Fiber	Polypropylene
G		Glass fiber
H		Cotton
P	Paper	Cotton
M	Micromesh	Stainless steel 304/Epoxy
L		Stainless steel 316
J	HEPO II	Polyester/Polypropylene

Element/Element Seal Material Combinations

Element material \ Element seal material		Element seal material				
		Nii (Without seal)	Non-asbestos	PTFE	NBR	FKM
		A	T	N	V	
B	Bronze		○	○	○	
S	Stainless steel	○	○	○	○	
T	Polypropylene	○				
G	Glass fiber	○				
H	Cotton (Fiber)	○				
P	Cotton (Paper)				○	○
M	Stainless steel 304/Epoxy				○	○
L	Stainless steel 316	○	○	○	○	
J	Polyester/PP			○	○	○



FGES/FGEL type
(V-band type)

FGET type
(Bolt tightening type)

- Suitable for medium flow rate, low pressure "filtration."
- Element replacement is easy with the V-band type. (with cover anti-scattering mechanism)
- Can be used with a wide range of fluids

Note 1) The industrial filter described in this catalog are products in which an element is incorporated into a vessel.

Note 2) To order only an element (replacement part), refer to "How to Order" on pages 41 and 42.

Note 3) When ordering only a vessel (replacement part), delete each symbol for "Element category", "Nominal filtration accuracy (μm)" and "Element seal material" from the above model indication method.

Note 4) Please use industrial filters in combination with parts made by SMC (vessels, elements etc.)

Note 5) Do not use the V-band type for gases.