

Industrial Filter FGD Series

How to Order

FGD **C** **A** - **03** - **B** **002** **N**

Element length

Symbol	Element length
A	L250
B	L500 (L250 x 2)

Port size

Symbol	Port size Rc
03	3/8
04	1/2
06	3/4

Element category

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

Made to Order

Symbol	Description
Nil	None
X77	With differential pressure indicator
X78	With differential pressure indication switch

Accessory

Symbol	Accessory
Nil	None
-B	Bracket

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.

Material

Symbol	Cover	Case	Gasket/O-ring	Seal
C	Aluminum	SPCD	NBR	Nylon
E	Aluminum	SPCD	NBR	Nylon/Fluororesin (Antistatic specifications)
T	SCS14	Stainless steel 316	Fluororesin	Fluororesin
F	SCS14	Stainless steel 316	Fluororesin	Fluororesin (Antistatic specifications)

Note) If there is a static charge, select a product with an antistatic specification.

Nominal filtration accuracy (μm) (Note)

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

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

Element/Element Seal Material Combinations

Element material	Element seal material (Without seal)	Element seal material				
		Nil (Without seal)	Non-asbestos A	PTFE T	NBR N	FKM 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				○	○	○

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 "How to Order."

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

FGDT, F



FGDC, E



- Suitable for low flow rate, low pressure "filtration."
- Can be used with a wide range of fluids.
- Antistatic specifications (FGDE, FGDF)