

Gas Filter, Model 2

GF2



Compact inline gas filter for applications up to 700 bar

Features:

- Filtration Ratings from 0.1 to 500 μm
- Filter material: Chemicron® metal fiber fleece, wire mesh or Processmicron® glass fiber fleece
- Available as coalescence and particulate filter

Advantages:

- Best filtrate quality
- High defined separation efficiency and contamination retention capacity
- Excellent differential pressure stability
- Extremely robust stainless steel filter element technology
- High pressure stability
- Highest resistance through non-utilisation of adhesives or grouting
- Maintenance-friendly filter service without line dismantling
- No contamination of the clean side during filter element change

Areas of Application:

- Effective filtration of process gases and protection of downstream plant components such as compressors, fittings, check or control valves

Technical Specifications

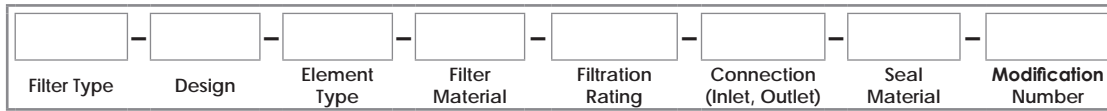
Temperature Range:	-50.8 °F / +455 °F (-46 °C / +235 °C)
Max Pressure:	10,150 PSI (700 Bar)
Connection Type:	G, NPT, UNF
Housing Material:	Duplex (1.4462)
Filter Material and Filtration Rating:	Chemicron® metal fiber fleece, 0.3 μm – 20 μm Processmicron® glass fiber fleece, 0.3 μm – 20 μm Wire mesh, 25 μm – 200 μm

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Model code updated: 1.19.22

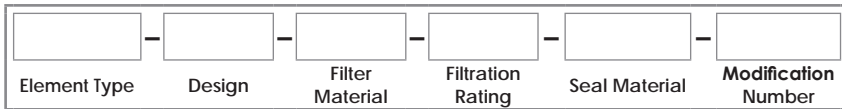
GF2

How to Build a Valid Model Number for a Schroeder GF2:



Filter Type	GF2 = Gas Filter GF2
Design	1 = Standard Design
Element Type	P = Particle Filter Element A = Absorber Filter Element C = Coalescer Filter Element
Filter Material	M = Chemicon® metal fiber fleece D = Wire Mesh B = Processmicron® Glass fiber fleece
Filtration Rating	(Select micron rating based on filter material) M = 0.3 / 1 / 3 / 5 / 10 / 20 D = 25 / 40 / 60 / 100 / 150 / 200 B = 0.3 / 1 / 3 / 5 / 10 / 20
Connection (Inlet and Outlet)	G0 = G 1/4 rated to 10,150 psi (700 bar) G1 = G 1/2 rated to 9,135 psi (630 bar) N0 = NPT 1/4" rated to 10,150 psi (700 bar) N1 = NPT 1/2" rated to 9,135 psi (630 bar) A0 = 7/16" - 20 UNF rated to 10,150 psi (700 bar) A1 = 9/16" - 18 UNF rated to 10,150 psi (700 bar) A2 = 13/16" - 16 UNF rated to 10,150 psi (700 bar)
Seal Material	V = O-ring FKM EDR H = O-ring HNBR LT EDR N = O-ring HNBR EDR A = O-ring FEPM K = O-ring FFKM F = O-ring FVMQ VS = O-ring FKM standard NS = O-ring NBR standard
Modification Number	1 = Latest Supplied

How to Build a Valid Model Number for a Schroeder PF2/CF2/AF2:



Element Type

- PF2** = Particle Filter Element
- CF2** = Coalescer Filter Element
- AF2** = Adsorber Filter Element

Design

- 1** = Standard Design

Filter Material

- M** = Chemicon® metal fiber fleece
- D** = Wire Mesh
- B** = Processmicron® glass fiber fleece

Filtration Rating (Select micron rating based on filter material)

- M** = 0.3 / 1 / 3 / 5 / 10 / 20
- D** = 25 / 40 / 60 / 100 / 150 / 200
- B** = 0.3 / 1 / 3 / 5 / 10 / 20

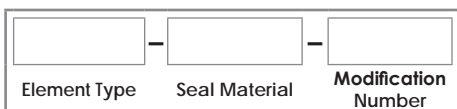
Seal Material

- V** = O-ring FKM EDR
- H** = O-ring HNBR LT EDR
- N** = O-ring HNBR EDR
- A** = O-ring FEPM
- K** = O-ring FFKM
- F** = O-ring FVMQ
- VS** = O-ring FKM standard
- NS** = O-ring NBR standard

Modification Number

- 0** = Latest Provided

How to Build a Valid Model Number for a Schroeder GF2 Seal Kit:



Element Type

- GF2** = GF2 Seal Kit

Seal Material

- V** = O-ring FKM EDR
- H** = O-ring HNBR LT EDR
- N** = O-ring HNBR EDR
- A** = O-ring FEPM
- K** = O-ring FFKM
- F** = O-ring FVMQ
- VS** = O-ring FKM standard
- NS** = O-ring NBR standard

Modification Number

- 0** = Latest Provided