

Gas Filter GR 40



- For installation in gas feeding pipes and gas mixers to provide protection against mechanical impurities for dome loaded pressure regulators, safety devices and other fittings
- Exchangeable filter cartridges
 - o Stainless steel (80 my)
 - o Microplast (20 my)
 - o Sintered bronze (200 my)

Gas Filter Brass

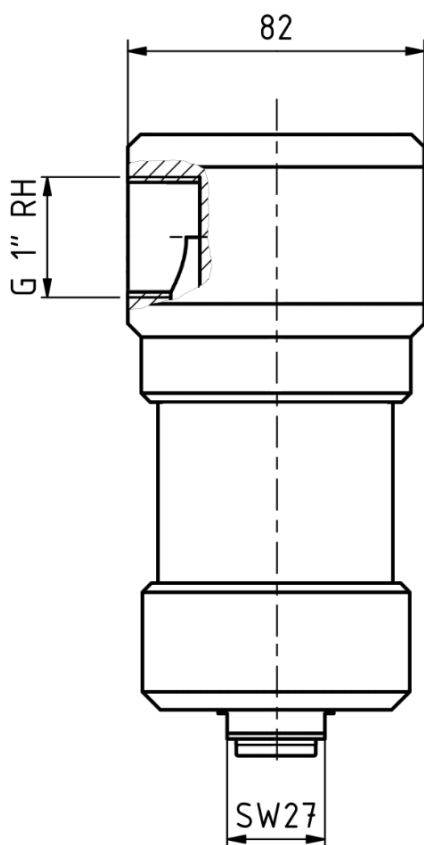
Filter cartridge material Microplast or sintered bronze

Gas Type	Performance	Max. Pressure at inlet	Dimensions	Implementation	Type	Product No.
all gases (except oxygen)	p1=1,5 barg: 40 Nm³/h, p1=15 barg: 200 Nm³/h	25 barg	nominal length 82 mm, height 180 mm	Filter insert, made of Microplast, Grade of filtration 20 my	Gas filter GR 40, fine PN25	3085300
all gases (except acetylene)	p1=1,5 barg: 40 Nm³/h, p1=15 barg: 200 Nm³/h	25 barg	nominal length 82 mm, height 180 mm	Filter insert, made of bronze, Grade of filtration 200 my	Gas filter GR 40, coarse PN25	3085400
all gases (except oxygen)	p1=1,5 barg: 40 Nm³/h, p1=15 barg: 200 Nm³/h	100 barg	nominal length 82 mm, height 180 mm	Filter insert, made of Microplast, Grade of filtration 20 my	Gas filter GR 40, fine PN100	3086000
all gases (except acetylene)	p1=1,5 barg: 40 Nm³/h, p1=15 barg: 200 Nm³/h	100 barg	nominal length 82 mm, height 180 mm	Filter insert, made of bronze, Grad of filtration 200 my	Gas filter GR 40, coarse PN100	3086100
all gases (except oxygen)	<u>Scope of supply:</u> 1 Filter insert, made of Microplast, 1 O-ring		OD x ID x height: 50 x 34 x 90 mm	Filter insert, made of Microplast, Grade of filtration 20 my	Filter insert for GR 40, fine	3085500
all gases (except acetylene)	<u>Scope of supply:</u> 1 Filter insert, made of bronze, 1 O-ring		OD x ID x height: 40 x 34 x 90 mm	Filter insert, made of bronze, Grade of filtration 200 my	Filter insert for GR 40 fine	3085600

Gas filter stainless steel

Filter cartridge material stainless steel

Quality of gases	Performance	Max. Pressure at inlet	Dimensions	Implementation	Type	Product No.
all gases	p1=1,5 barg: 40 Nm ³ /h, p1=15 barg: 200 Nm ³ /h	25 barg	nominal length 82 mm, height 180 mm	Filter insert, made of stainless steel, Grade of filtration 80 my	Gas filter GR 40 stainless steel PN25	3085800
all gases	p1=1,5 barg: 40 Nm ³ /h, p1=15 barg: 200 Nm ³ /h	100 barg	nominal length 82 mm, height 180 mm	Filter insert, made of stainless steel, Grade of filtration 80 my	Gas filter GR 40 stainless steel PN100	3086200
all gases	<u>Scope of supply:</u> 1 Filter insert, made of stainless steel 1 O-ring		OD x ID x height: 38 x 34 x 90 mm	Filter insert, made of stainless steel, Grade of filtration 80 my	Filter insert for GR 40 stainless steel	3085900



Maximum operating pressure:

- Ar, He, CO₂, N₂, H₂: 100 barg
- O₂: 40 barg
- Acetylene: 1.5 barg

Flow capacity (air):

- P_v = 1,5 bar 40 Nm³/h
- P_v = 10,0 bar 200 Nm³/h

Conversion factors:

Oxygen 0.95 – Hydrogen 3.80 – Argon 0.85

Carbon Dioxide 0.81 – Nitrogen 1.00 – Helium 2.70

Maximum operating temperature: -20°C / +60°C

Connections:

- G1" RH thread, female type,
inlet and outlet connection
- Other connections (e. g. swivel flange)
available upon request