

## Breather strainers

with Stainless Steel mesh

### SPECIFICATION

Body

- Aluminium **AL**
- Stainless Steel **AISI 303 NI**

Strainer

Stainless Steel mesh  
AISI 304

Strainer bezel

Plastic Polyamide (PA)

- glass fibre reinforced
- temperature resistant up to 100 °C

Sealing / O-Ring

Rubber NBR (Perbunan<sup>®</sup>)

### INFORMATION

Breather strainers GN 7403 are used in enclosure and device construction. Inserted into the wall of the enclosure, they ensure pressure equilibrium between the inside of the enclosure and the outside.

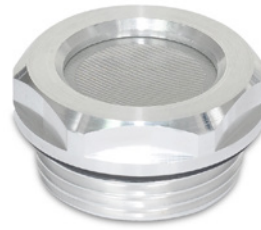
Any dirt and dust particles carried by the medium (usually gas) are prevented from exiting depending on the mesh size. This protects the insides of sensitive devices and machinery parts from dirt and pollution and also protects the environment from any exiting dust.

The outside diameter of the enclosure with the recessed hexagon matches the bolt mounting holes for DIN 3852 threaded pipe connectors.

The sealing ring is embedded in a radial and plane-sided recess which makes the seal captive and prevents it from being squeezed out during tightening.

#### Assembly instruction:

For mounting on walls of less than 4 mm thickness, please use mounting nut GH. (see page 1743).



### ACCESSORY

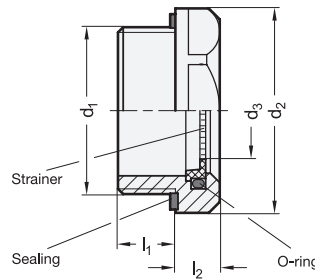
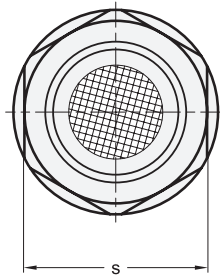
- Mounting nut GH. (see page 1743)

### ON REQUEST

- Body in brass
- Other mesh size
- Other material for the strainer

### TECHNICAL INFORMATION

- Elastomer characteristics (see page A32)
- Plastic characteristics (see page A2)



### GN 7403-AL

Description	d1	Mesh size in µm	d2	d3	l1	l2	s	⚖
GN 7403-AL-G1/2-100	G1/2	100	26	10	8.5	7.5	23	11
GN 7403-AL-G1/2-500	G1/2	500	26	10	8.5	7.5	23	11
GN 7403-AL-G3/4-100	G3/4	100	32	14	9	8	30	17
GN 7403-AL-G3/4-500	G3/4	500	32	14	9	8	30	17
GN 7403-AL-G1-100	G1	100	40	20	11	8.5	36	28
GN 7403-AL-G1-500	G1	500	40	20	11	8.5	36	20
GN 7403-AL-M20x1.5-100	M20x1.5	100	26	10	8.5	7.5	23	10
GN 7403-AL-M20x1.5-500	M20x1.5	500	26	10	8.5	7.5	23	10
GN 7403-AL-M26x1.5-100	M26x1.5	100	32	14	9	8	30	17
GN 7403-AL-M26x1.5-500	M26x1.5	500	32	14	9	8	30	17
GN 7403-AL-M33x1.5-100	M33x1.5	100	40	20	11	8.5	36	20
GN 7403-AL-M33x1.5-500	M33x1.5	500	40	20	11	8.5	36	20

### GN 7403-NI

STAINLESS STEEL

Description	d1	Mesh size in µm	d2	d3	l1	l2	s	⚖
GN 7403-NI-G1/2-100	G1/2	100	26	10	8.5	7.5	23	23
GN 7403-NI-G1/2-500	G1/2	500	26	10	8.5	7.5	23	20
GN 7403-NI-G3/4-100	G3/4	100	32	14	9	8	30	38
GN 7403-NI-G3/4-500	G3/4	500	32	14	9	8	30	38
GN 7403-NI-G1-100	G1	100	40	20	11	8.5	36	59
GN 7403-NI-G1-500	G1	500	40	20	11	8.5	36	66
GN 7403-NI-M20x1.5-100	M20x1.5	100	26	10	8.5	7.5	23	20
GN 7403-NI-M20x1.5-500	M20x1.5	500	26	10	8.5	7.5	23	20
GN 7403-NI-M26x1.5-100	M26x1.5	100	32	14	9	8	30	38
GN 7403-NI-M26x1.5-500	M26x1.5	500	32	14	9	8	30	37
GN 7403-NI-M33x1.5-100	M33x1.5	100	40	20	11	8.5	36	59
GN 7403-NI-M33x1.5-500	M33x1.5	500	40	20	11	8.5	36	59