



ROSTFREI  
Inox  
Stainless  
Steel

2

3

$d_1$		Mesh size in $\mu\text{m}$		$d_2$	$d_3$	$l_1$	$l_2$	$s$
G 1/2	M 20 x 1,5	100	500	26	10	8,5	7,5	23
G 3/4	M 26 x 1,5	100	500	32	14	9	8	30
G 1	M 33 x 1,5	100	500	40	20	11	8,5	36

**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®)
- *Elastomer characteristics* → Page 330
- *Plastic characteristics* → Page 331
- **RoHS compliant** (only in NI)

**Accessory**

- Mounting nut GN 543.1  
→ Main Catalogue Page 910

**On request**

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

**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 GN 543.1.

**How to order**

1 2 3  
**GN 7403-AL-G1/2-500**

1	<b>Material</b>
2	$d_1$
3	<b>Mesh size</b>