



Inch | Metric



**elasa**  
Original design SFN. / SFP. / SFP+a

**3 Type**

- A Without dipstick
- B\* With dipstick

**4 Identification no.**

- 0 With splash guards, with wire mesh filter
- 1 With splash guards, without filter
- 2 With splash guards, with PU filter
- 3 Without splash guards, without filter
- 4 Without splash guards, with PU filter

**Specification**

- Body  
Plastic  
Technopolymer (Polyamide PA)  
- Temperature resistant up to 212 °F (100 °C)  
- Upper part (cap)  
Orange, RAL 2004  
- Lower part (screw-in thread)  
Black
- Seal  
Rubber NBR (Perbunan®)
- Wire mesh air filter  
- Zinc plated  
- Grade of filtration 50 to 60 µm
- PU foam air filter (Polyurethane)  
- Grade of filtration 40 µm  
- Temperature resistant up to 212 °F (100 °C)
- Dipstick  
Steel, phosphate-treated
- *Elastomer Characteristics* → page 2135
- *Plastic Characteristics* → page 2135
- **RoHS compliant**

**On request**

- Fluid level markings / special lengths  
see GN 109 → page 2045

**Information**

For function and operational criteria of EN 552 breather caps, see description of function. → page 1692  
The dipstick has two flat sides on which the MIN-MAX markings can easily be applied (see GN 109 → page 2045).

\*Type B with dipstick is only available for identification no. 0, 1, and 2 in the following metric sizes:

- Size 31: all threads
- Size 42: only G 3/4 and G1
- Size 57: only G 1 1/4 and G 1 1/2

\*\*Inch sizes are only available in type A with identification no. 2 and 4.

see also...

- *Description of Function* → page 1692
- *Breather Caps EN 552.6 (ATEX Explosion Protective)* → www.jwwinco.com
- *Breather Valve Caps EN 552.1 (with Gasket)* → page 1693

How to order (Inch)	1 Diameter d <sub>1</sub>
1 2 3 4	2 Pipe thread d <sub>2</sub>
<b>EN 552-31-1/4NPT-A-2</b>	3 Type
	4 Identification no.

How to order (Metric)	1 Diameter d <sub>1</sub>
1 2 3 4	2 Pipe thread d <sub>2</sub> (Fine thread d <sub>2</sub> )
<b>EN 552-42-G1-B-2</b>	3 Type
	4 Identification no.

### Inch table

Dimensions in: inches - millimeters

<b>d<sub>1</sub></b>	<b>d<sub>2</sub></b> Pipe thread	<b>d<sub>3</sub></b>	<b>d<sub>4</sub></b>	<b>l<sub>1</sub></b>	<b>l<sub>2</sub> ≈</b>
1.22** 31	1/4 NPT	0.31 8	0.79 20	0.39 10	1.18 30
1.65** 42	1/4 NPT	0.39 10	1.18 30	0.47 12	1.46 37
1.65** 42	3/8 NPT	0.39 10	1.18 30	0.47 12	1.46 37
1.65** 42	1/2 NPT	0.47 12	1.18 30	0.47 12	1.46 37
1.65** 42	3/4 NPT	0.71 18	1.18 30	0.47 12	1.46 37
2.24** 57	3/4 NPT	0.71 18	1.54 39	0.55 14	1.65 42

### Metric table

Dimensions in: millimeters - inches

<b>d<sub>1</sub></b>	<b>d<sub>2</sub></b>		<b>d<sub>3</sub></b>	<b>d<sub>4</sub></b>	<b>l<sub>1</sub></b>	<b>l<sub>2</sub> ≈</b>	<b>l<sub>3</sub></b>	
	Pipe thread	Fine thread						
31 1.22	G 1/4	-	-	8 0.31	30 1.18	9.5 0.37	29.5 1.16	188 7.40
31 1.22	G 3/8	M 16 x 1.5	M 18 x 1.5	10 0.39	30 1.18	9.5 0.37	29.5 1.16	188 7.40
31 1.22	G 1/2	M 20 x 1.5	M 22 x 1.5	12 0.47	30 1.18	9.5 0.37	29.5 1.16	188 7.40
42 1.65	G 3/8	-	-	10 0.39	41 1.61	11.5 0.45	36.5 1.44	-
42 1.65	G 1/2	-	-	12 0.47	41 1.61	11.5 0.45	36.5 1.44	-
42 1.65	G 3/4	-	-	18 0.71	41 1.61	11.5 0.45	36.5 1.44	184 7.24
42 1.65	G 1	-	-	18 0.71	41 1.61	11.5 0.45	36.5 1.44	184 7.24
57 2.24	G 3/4	-	-	18 0.71	56 2.20	14 0.55	42 1.65	-
57 2.24	G 1	-	-	23 0.91	56 2.20	14 0.55	42 1.65	-
57 2.24	G 1 1/4	-	-	28 1.10	56 2.20	16 0.63	42 1.65	184 7.24
57 2.24	G 1 1/2	-	-	28 1.10	56 2.20	16 0.63	42 1.65	184 7.24

3.1  
3.2  
3.3  
3.4  
3.5  
3.6  
3.7  
3.8  
3.9  
3.10

