



Specification

- Body
Plastic
Technopolymer (Polyamide PA)
Black, matte finish
- **EN 543.3**
 - Temperature resistant up to 212 °F (100 °C)
 - Sight glass
Plastic
Crystal clear Polyamide PA-T
 - Pressure resistant up to 3 bar
 - Seal
Rubber NBR (Perbunan®)
- **EN 543.4** (only available in metric sizes)
 - Temperature resistant up to 284 °F (140 °C)
 - Sight glass
Plastic
Transparent, sulfonic acid-based
 - Pressure resistant up to 7 bar
 - Seal
Rubber FPM (Viton®)
- *Plastic Characteristics* → page QVX
- **RoHS compliant**

Accessory

- Thin hex nuts GN 7430 → page QVX

Information

The sight glass of EN 543.3 / EN 543.4 fluid sight glasses is molded in the body during the injection process and it is therefore absolutely leak tight.

These fluid sight glasses use the prismatic effect of a cat's eye to give a clear indication of the fluid level unaffected by fluid color or fluid viscosity. The advantage of this effect is particularly obvious in the case of underfilling or overfilling and for inspection under unfavorable light conditions.

The seal is embedded in a radial recess, and thus cannot be squeezed out during tightening.

Assembly note:

For wall thicknesses below 0.16 (4 mm), use GN 7430 thin hexnuts.

see also...

- *Fluid Sight Glasses EN 541.2 (with Prismatic Effect)* → page QVX
- *Fluid Sight Glasses GN 744 (with Prismatic Effect)* → page QVX

How to order (Resistant up to 212 °F)	1 Diameter d ₁
EN 543.3-15-1/2NPT	2 Pipe thread d ₂

How to order (Resistant up to 284 °F)	1 Diameter d ₁
EN 543.4-18-G3/4	2 Pipe thread d ₂

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10

Inch table

1

2

Dimensions in: inches - *millimeters*

EN 543.3						
d ₁	d ₂ Pipe thread	d ₃	l ₁	l ₂	s	Recommended tightening torque in Nm
0.59 15	1/2 NPT	1.10 28	0.39 10	0.33 8.5	0.94 24	6 ... 8
0.71 18	3/4 NPT	1.38 35	0.37 9.5	0.33 8.5	1.26 32	8 ... 10
0.91 23	1 NPT	1.67 42.5	0.43 11	0.37 9.5	1.50 38	10 ... 12

Metric table

1

2

Dimensions in: millimeters - *inches*

EN 543.3 / EN 543.4						
d ₁	d ₂ Pipe thread	d ₃	l ₁	l ₂	s	Recommended tightening torque in Nm
15 0.59	G 1/2	28 1.10	10 0.39	8.5 0.33	24 0.94	6 ... 8
18 0.71	G 3/4	35 1.38	9.5 0.37	8.5 0.33	32 1.26	8 ... 10
23 0.91	G 1	42.5 1.67	11 0.43	9.5 0.37	38 1.50	10 ... 12