



Metric table

Dimensions in: millimeters - inches

d ₁	d ₂		d ₃	l ₁	l ₂	s
	Pipe thread	Fine thread				
11 <i>0.43</i>	G 3/8	M 16 x 1.5	-	8 <i>0.31</i>	8 <i>0.31</i>	20 <i>0.79</i>
14 <i>0.55</i>	G 1/2	M 20 x 1.5	-	8.5 <i>0.33</i>	9 <i>0.35</i>	23 <i>0.91</i>
18 <i>0.71</i>	G 3/4	M 26 x 1.5	M 27 x 1.5	9 <i>0.35</i>	11 <i>0.43</i>	30 <i>1.18</i>

Specification

- Body
Aluminum
Front surface fine turned
- Sight glass
ESG safety glass
- Seals
Rubber FPM (Viton®)
- Circlip
Stainless steel AISI 301
- Temperature range:
from -4 °F to +300 °F (-20 °C to +150 °C)
- *Plastic Characteristics* → page 2135
- *Stainless Steel Characteristics* → page 2143
- **RoHS compliant**

Accessory

- Thin hex nuts GN 7430 → page 1714

On request

- EPDM seals

Information

GN 743.6 fluid sight glasses are suitable for use in potentially explosive atmospheres. They comply with the European explosion protection directive (ATEX) 2014/34/EU.

A detailed operating instruction is available and included with every fluid sight glass. In addition, the housings are provided with an ATEX label.

These fluid sight glasses offer a scratch proof sight glass of high stability. The placement of the seal on the outer diameter of the glass eliminates leakage independent from over or under tightening of the sight glass.

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

These fluid sight glasses can also be used on pressurized tanks. Tests regarding maximum pressure are available.

Assembly note:

For wall thicknesses below 0.16 in (4 mm), use GN 7430 thin hex nuts.

see also...

- *Product Family ATEX* → page 18
- *Fluid Sight Glasses EN 543.6 (Plastic, ATEX Explosion Protective)* → www.jwwinco.com

How to order

GN 743.6-18-G3/4

1	Diameter d ₁
2	Pipe thread d ₂ (Fine thread d ₂)

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10

