



3 Type

- A With reflector
- B Without reflector

Specification

- Body
Plastic
Crystal clear Polyamide PA-T
 - Aging resistant
 - High mechanical strength, but not alcohol resistant
 - Temperature resistant 212 °F (100 °C)
 - Solvent resistant, but not alcohol resistant
- Reflector
Aluminum
Anodized finish, natural color
- Seal
Rubber NBR (Perbunan®)
- *Elastomer Characteristics* → page 2135
- *Plastic Characteristics* → page 2135
- **RoHS compliant**

Accessory

- Thin hex nuts GN 7430 → page 1714

Information

EN 541 fluid sight glasses made of polyamide plastic have a high mechanical strength. Therefore, they can be produced with thinner walls and with a large viewing window.

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

Assembly note:

For wall thicknesses below 4 mm, use GN 7430 thin hex nuts.

<p>How to order (Inch)</p> <p>EN 541-19-11/16X12-A</p>	<p>1 Diameter d_1</p> <p>2 Fine thread d_2</p> <p>3 Type</p>
<p>How to order (Metric)</p> <p>EN 541-18-M25X1.5-B</p>	<p>1 Diameter d_1</p> <p>2 Fine thread d_2 (Pipe thread d_2)</p> <p>3 Type</p>

Inch table

Dimensions in: inches - *millimeters*

d₁	d₂ Fine thread	d₃	l₁	l₂	s	Recommended tightening torque in Nm
0.51 13	3/4 x 16	1.02 26	0.59 15	0.31 8	0.87 22	3
0.75 19	1 1/16 x 12	1.38 35	0.59 15	0.39 10	1.18 30	5

Metric table

Dimensions in: millimeters - *inches*

d₁	d₂ Fine thread	d₃	l₁	l₂	s	Recommended tightening torque in Nm
11 0.43	M 16 x 1.5	22 0.87	8 0.31	7 0.28	19 0.75	2 - 3
14 0.55	M 20 x 1.5	26 1.02	9.5 0.37	8 0.31	22 0.87	8 - 10
18 0.71	M 25 x 1.5	31.5 1.24	8 0.31	9 0.35	27 1.06	8 - 10
18 0.71	M 26 x 1.5	31.5 1.24	13 0.51	9 0.35	27 1.06	8 - 10
20 0.79	M 27 x 1.5	31.5 1.24	9 0.35	9 0.35	27 1.06	8 - 10
22 0.87	M 30 x 1.5	35 1.38	9 0.35	10 0.39	30 1.18	8 - 10
25 0.98	M 35 x 1.5	40 1.57	11 0.43	10 0.39	34 1.34	8 - 10
30 1.18	M 40 x 1.5	47 1.85	11.5 0.45	13 0.51	40.5 1.59	8 - 10

d₁	d₂ Pipe thread	d₃	l₁	l₂	s	Recommended tightening torque in Nm
9 0.35	G 1/4	18 0.71	10 0.39	6 0.24	15 0.59	2 - 3
11 0.43	G 3/8	22 0.87	7.5 0.30	7 0.28	19 0.75	3 - 5
14 0.55	G 1/2	26 1.02	10.5 0.41	8 0.31	22 0.87	4 - 6
20 0.79	G 3/4	31.5 1.24	10.5 0.41	9 0.35	27 1.06	6 - 8
25 0.98	G 1	40 1.57	11 0.43	10 0.39	34 1.34	8 - 10
30 1.18	G 1 1/4	47 1.85	11.5 0.45	13 0.51	40.5 1.59	8 - 10