



ELESA original design: HCFE. / HCFE-C

Metric table

Dimensions in: millimeters - inches

¹ d ₁	² d ₂ Pipe thread EN 546	EN 546.1	d ₃	d ₄	l ₁	l ₂	s	Recommended tightening torque in Nm
15 <i>0.59</i>	G 3/8	-	22.5 <i>0.89</i>	-	7.5 <i>0.30</i>	13 <i>0.51</i>	19 <i>0.75</i>	3 - 5
19 <i>0.75</i>	G 1/2	G 1/2	26 <i>1.02</i>	7 <i>0.28</i>	10.5 <i>0.41</i>	16 <i>0.63</i>	22 <i>0.87</i>	4 - 6
25 <i>0.98</i>	G 3/4	G 3/4	31.5 <i>1.24</i>	12 <i>0.47</i>	10.5 <i>0.41</i>	19.5 <i>0.77</i>	27 <i>1.06</i>	6 - 8
31 <i>1.22</i>	G 1	G 1	42 <i>1.65</i>	15 <i>0.59</i>	11 <i>0.43</i>	24 <i>0.94</i>	36 <i>1.42</i>	8 - 10
38 <i>1.50</i>	G 1 1/4	-	46.5 <i>1.83</i>	-	11.5 <i>0.45</i>	26.5 <i>1.04</i>	40.5 <i>1.59</i>	12 - 15

Specification

- Body
Plastic
Crystal clear Polyamide PA-T
- High mechanical strength
- Temperature resistant up to 212 °F (100 °C)
- Solvent resistant,
but not alcohol resistant
- Marking ring
Pad printing, red
- Seal
Rubber NBR (Perbunan®)
- RoHS compliant

Information

EN 546 and EN 546.1 fluid sight glasses are mainly used as fluid circulation indicators. These fluid sight glasses made of polyamide plastic have a high mechanical strength. Therefore, they can be produced with thinner walls with a large viewing window.

Assembly note:

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

Accessory

- Thin hexagon nuts GN 7430

How to order (Without marking ring) ¹ ² EN 546-25-G3/4	1	Diameter d ₁
	2	Pipe thread d ₂
How to order (With marking ring) ¹ ² EN 546.1-31-G1	1	Diameter d ₁
	2	Pipe thread d ₂