

# EN 546 Dome-Shaped Fluid Level Sight Glasses

Technopolymer Plastic, resistant to 212° F (100° C)

Photo



ELESA original design code: HCFE.



Product description

## Information

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EN 546 Elessa® original design technopolymer plastic dome-shaped fluid level sight glasses.

Mainly used as oil circulation indicators.

Practically indestructible; even if high torque is applied there is no danger of breakage.

Resistant to aging, not alcohol resistant.

Because of the high strength of the material (considerably stronger than, for example, Plexiglass), these site glasses can be produced with much thinner walls, resulting in clearer visibility. The ratio between bore diameter and the viewing window is much improved.

A moderate torque (not exceeding 3-12 Nm) is recommended when tightening oil sight glass so as to guarantee optimal tightness without any elastic deformation.

Assembly instruction:

For mounting on walls of less than 4 mm thickness please use a GN 543.1 nut.

## Specification

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Sight glass

- Special transparent polyamide technopolymer plastic (PA 6-T)
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Seal

- NBR rubber (Perbunan)

RoHS compliant

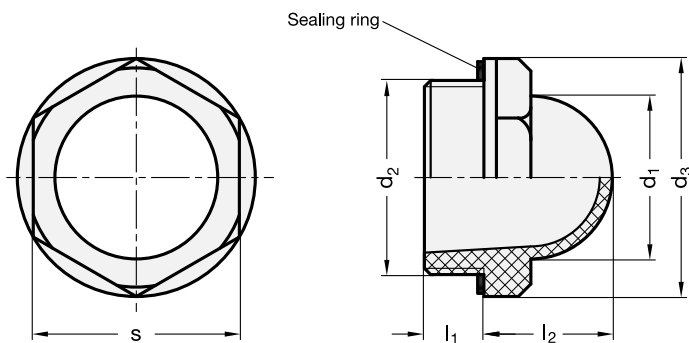
## Accessory

GN 543.1 nuts

## On request

Full details regarding torque available

## Technical drawing



## Part Options / Table

### Metric

$d_1$	$d_2$ Pipe Thread	$d_3$	$l_1$	$l_2$	s	recommended tightening torque in Nm
.59	G 3/8	.89	.30	.51	.75	3 ... 5
.75	G 1/2	1.02	.41	.63	.87	4 ... 6
.98	G 3/4	1.24	.41	.77	1.06	6 ... 8
1.22	G 1	1.65	.43	.94	1.42	8 ... 10
1.50	G 1 1/4	1.83	.45	1.04	1.59	12 ... 15