

# EN 541 Plastic Fluid Level Sight Glasses with or without Reflector

Photo



ELESA Original design  
code: HFTX.



Product description

## Information

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EN 541 EleSa® original design technopolymer crystal-clear plastic fluid level sight glasses are practically indestructible. Even at high torque there is no danger of any breakage.

Can also be used in pressurized tanks. The maximum allowable pressure is dependent on the tank size operating conditions (i.e. temperature). Test results are available. Resistant to solvents, oils, grease and other chemical agents, but not suitable for alcohol.

The particular shape of the lenticular window increases and improves visibility even from side positions.

A moderate torque (see table) is recommended when tightening oil level indicator so as to guarantee optimal tightness without any elastic deformation.

## Specification

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Housing  
Crystal-clear Polyamid (PA 6-T)

- Aging resistant
- High mechanical strength, but not suitable for alcohol
- Maximum continuous working temperature at 3 Bar pressure: 210°F (100°C)
- Solvent resistant, but not suitable for alcohol

Seal

- NBR synthetic rubber

Reflector

- Star-shaped anodized aluminum with central level sight dot

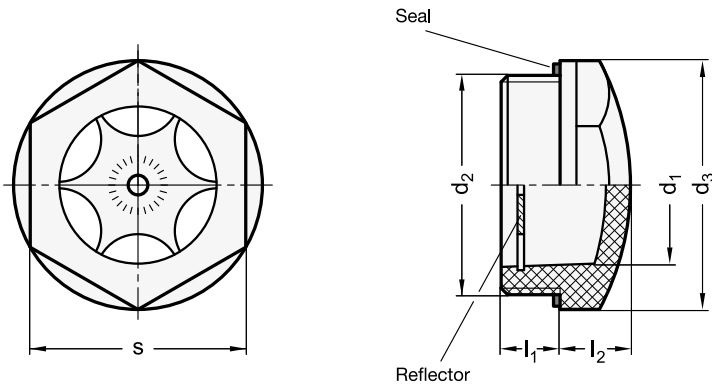
RoHS compliant

## Accessory

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GN 543.1 fixing nuts

Technical drawing



## Part Options / Table

### Type

A	With reflector
B	Without reflector

### Inch

d <sub>1</sub> Window glass	d <sub>2</sub> Thread	Thread	d <sub>3</sub>	l <sub>1</sub>	l <sub>2</sub>	s	recommended tightening torque in Nm
.51	3/4 x 16	-	1.02	.59	.31	.87	-
.75	1 1/16 x 12	-	1.38	.59	.39	1.18	-

### Metric

d <sub>1</sub> Window glass	d <sub>2</sub> Thread	Thread	d <sub>3</sub>	l <sub>1</sub>	l <sub>2</sub>	s	recommended tightening torque in Nm
.43	M 16 x 1.5	-	.87	.31	.28	.75	2 ... 3
.55	M 20 x 1.5	-	1.02	.37	.31	.87	8 ... 10
.71	M 25 x 1.5	-	1.24	.31	.35	1.06	8 ... 10
.71	M 26 x 1.5	-	1.24	.51	.35	1.06	8 ... 10
.79	M 27 x 1.5	-	1.24	.35	.35	1.06	8 ... 10
.87	M 30 x 1.5	-	1.38	.35	.39	1.18	8 ... 10
.98	M 35 x 1.5	-	1.57	.43	.39	1.34	8 ... 10
1.18	M 40 x 1.5	-	1.87	.45	.51	1.59	8 ... 10
-	-	-	-	-	-	-	-
.35	-	G 1/4	.71	.39	.24	.59	2 ... 3
.43	-	G 3/8	.87	.30	.28	.75	3 ... 5
.55	-	G 1/2	1.02	.41	.31	.87	4 ... 6
.79	-	G 3/4	1.24	.41	.35	1.06	6 ... 8
.98	-	G 1	1.57	.43	.39	1.34	8 ... 10
1.18	-	G 1 1/4	1.87	.45	.51	1.59	810