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PRODUCT DATA SHEET

95-Series Cylindrical In-Line Sight Glass

The Saniquip 95-Series cylindrical in-line sight glasses are designed for installation in hygienic process lines to allow visual observation of the product flow. As standard, the cylindrical viewing tube is in clear food grade polycarbonate material making this range an excellent choice for use in plants with a "no glass" policy. The viewing tube is also available in borosilicate glass where preferred for reasons of high temperature or product compatability. All product contact metallic parts are manufactured from forged AISI 304L or AISI 316L stainless steel with a polished surface finish. As standard, the end connections are butt weld for tube but other connection options can be offered on request. An optional polycarbonate guard which fits around the outside of the tie rods is also available.

Features

- Standard size range from 1" to 4" (variants in fractional sizes and 5" & 6" sizes available on request)
- Non-glass food grade polycarbonate viewing tube as standard. Borosilicate glass also available
- 3A approved
- FDA compliant PTFE/silicone combination seals with external lip for perfect centering of viewing tube
- Special stainless steel tie rod design ensures optimised seal compression
- Optional protective guard in clear polycarbonate material does not limit viewability as traditional stainless steel guards do

Working Pressure:	10 bar maximum (Polycarbonate)
	10 bar maximum (Borosilcate) - also suitable for vacuum applications
Working Temperature:	100°C (Polycarbonate)
	176°C (Borosilicate)

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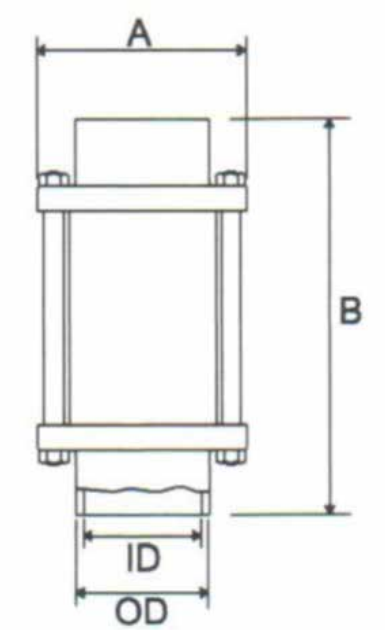
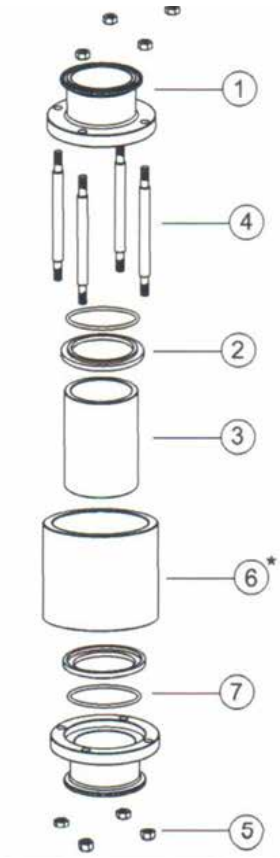


Sight Glass Dimensions

Size	A (mm)	ØB (mm)	I.D. (mm)	O.D. (mm)
1″	54	166	22.2	25.4
1.5″	75	166	34.9	38.1
2″	85	166	47.6	50.8
2.5″	95	166	60.3	63.5
3″	105	166	72.6	76.2
4″	140	166	97.6	101.6
6″	210	177	146.8	152.4



Parts List

No.	Part	Material Specification
1	Flange	AISI 316L / AISI 304L
2	Gasket	PTFE
3	Tube	Polycarbonate / Borosilicate
4	Stud	AISI 304
5	Nylock Nut	AISI 304 / Nylon
6	Guard	Polycarbonate
7	O-Ring	Silicone

Spare Viewing Tube Dimensions

Size	I.D. (mm)	O.D. (mm)	Length (mm)
1″	22	32	90
1.5″	34	44	90
2″	47	57	90
2.5″	60	70	90
3″	73	83	90
4″	97	109	90
6″	145	152	101

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