

Sight Glass 95 Series

Application

Inline sight glasses are used in pipelines for visual observation of product flow.

Working Principle

Once the sight glass is installed inline product will flow through the inside of the unit allowing for easy visual examination of liquid flow.

Standard Design

The food grade polycarbonate tube is as clear as glass and it is unbreakable under normal use. It is mounted under two forged stainless steel flanges by means of stainless steel studs and nuts. The forged stainless steel flanges ensure non porous, smooth surface and dimensionally stable construction.

Available Sizes

1", 1 1/2", 2", 2 1/2", 3", 4"

Options

End connections: Sanitary Clamp, Butt-Weld, I-Line or others on request.

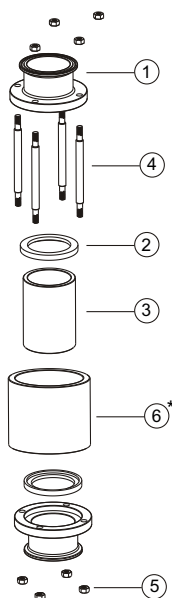
Guard : The outer polycarbonate guard protects the inner glass from being broken or damaged.

Material : AISI 316L or AISI 304L

FDA Seal Material

Standard : PTFE

Optional : Silicone



Exploded view of standard Sight Glass

NO.	PART NO.	DESCRIPTION	MATERIAL
1	9501	FLANGE	AISI 316L / AISI 304L
2	9502	GASKET	PTFE
3	9503	TUBE	POLYCARBONATE (LEXAN)
4	9504	STUD	AISI 304
5	9505	NYLOCK NUT	AISI 304 / NYLON
6*	9506	GUARD	POLYCARBONATE

* Guard is not a standard accessory of 95 series Sight Glass. It is available upon request.



Standard Sight Glass



Guarded Sight Glass

Sight Glass

95 Series

TECHNICAL SPECIFICATIONS :

Material :

Product wetted steel parts.....AISI 316L or AISI 304L
Other steel parts.....AISI 304

FDA Seals :

Standard.....PTFE
Optional.....SILICONE

Tube :

Standard.....Food grade polycarbonate (Lexan)
Optional.....Borosilicate Glass
Guard (Optional)Polycarbonate

Nominal Pressure :

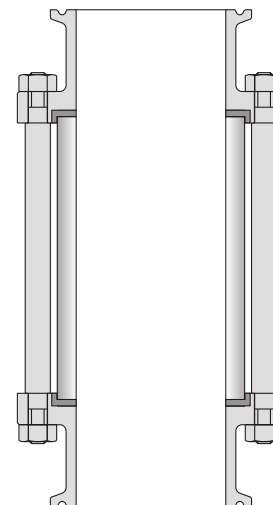
Maximum product pressure.....10 bar maximum (145 PSI) (Lexan)
10 bar maximum (145 PSI) (Borosilicate)
Working temperature.....215° Fahrenheit max. (Lexan)
350° Fahrenheit max. (Borosilicate)

Surface Finish :

Surface in contact with product..Ra <= 25 µ in (Grit 220g)
Optional.....Ra <= 15 µ in (Grit 320g)
*Electropolishing available upon request.

ConnectionsSanitary Clamp (ISO 2852 / BS 4825)

Optional.....Butt Weld (ISO 2037 / BS 4825)
I-Line
Other Connections on request

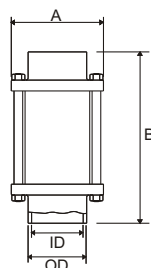


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Sight Glass

95 Series

TECHNICAL SPECIFICATIONS :

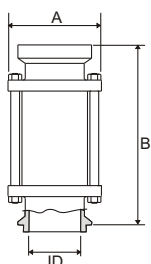
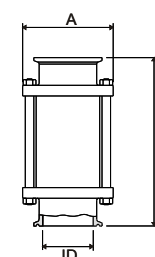


Butt Weld

Dimensions	1"	1½"	2"	2 ½"	3"	4"
A	2 1/8	2 15/16	3 11/32	3 3/4	4 1/8	5 ½
B	6 17/32	6 17/32	6 17/32	6 17/32	6 17/32	6 17/32
ID	7/8	1 3/8	1 7/8	2 3/8	2 55/64	3 27/32
OD	1	1 ½	2	2 ½	3	4

Sanitary Clamp

Dimensions	1"	1½"	2"	2 ½"	3"	4"
A	2 1/8	2 15/16	3 11/32	3 3/4	4 1/8	5 ½
B	6 17/32	6 17/32	6 17/32	6 17/32	6 17/32	6 17/32
ID	7/8	1 3/8	1 7/8	2 3/8	2 55/64	3 27/32



I-Line

Dimensions	1"	1½"	2"	2 ½"	3"	4"
A	2 1/8	2 15/16	3 11/32	3 3/4	4 1/8	5 ½
B	6 17/32	6 17/32	6 17/32	6 17/32	6 17/32	6 17/32
ID	7/8	1 3/8	1 7/8	2 3/8	2 55/64	3 27/32

* Consult the factory for I-line Male x Male or I-line Female x Female "B" Dimensions.

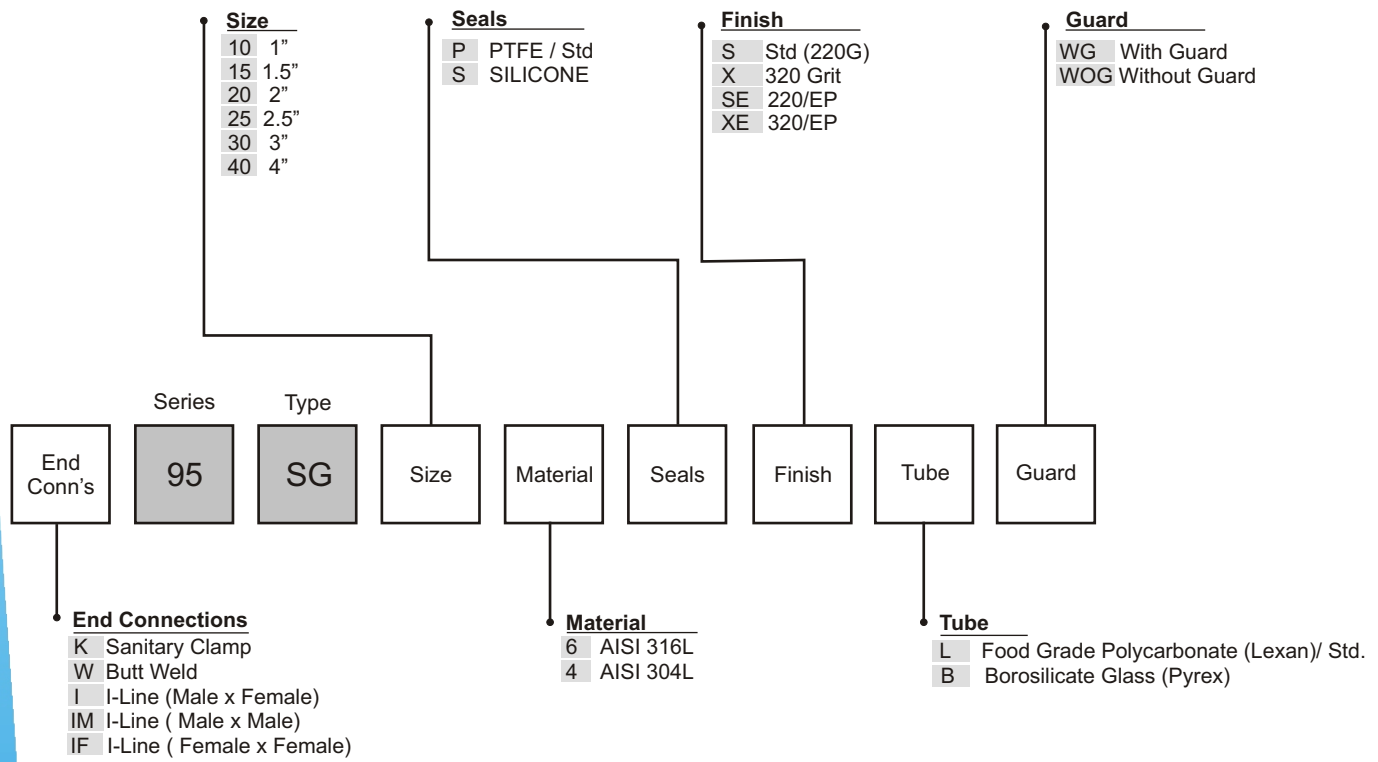


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Sight Glass

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95 Series Sight Glass Ordering System



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