

2-Way Lined Sight Glass PSG

Flanged 2-way lined sight glass PFA-lined, PN 16/Class150

The GFT9 lined 2-way sight glass type **PSG** is ideally suitable for the observation of liquid level, flow, fluid condition, colour and other important properties. It is used for applications, where highly corrosive, highly reactive, pure, permeating or abrasive media need be handled safely.

It is the preferred choice, when superior performance at no maintenance is important.

Thanks to its wide range of alternative linings it can be used in to handle a multitude of corrosive applications across a broad variety of industries like chemical, fine-chemical, pharmaceutical, petro-chemical, pulp&paper, mining, etc.

The **PSG** can be used, where Stainless Steel and full plastic materials like PVC, PVDF, PP, etc. are insufficiently corrosion resistant.

Thanks to the pressure-bearing body being made of metal it is more suitable for applications, where a sturdy design is needed due to higher system pressures.

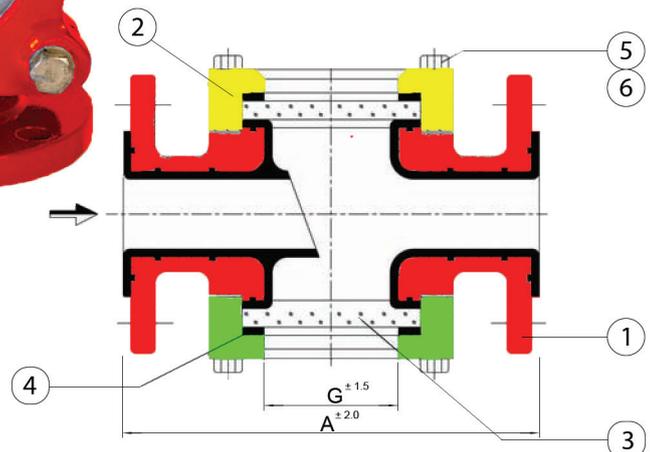
It is also a less costlier option with faster delivery times compared to special alloys like Hastelloy, Tantalum, Monel, etc.

Thanks to its non-adhesive lining material it can be used for sticky fluids as well as for pure media, where a good cleanability is important.

Flange dimensions:
ASME/ANSI B 16.5 Cl. 150

Face to face dimensions:
DIN 3202

Body lining materials:
PFA, PFA/ AS, FEP, PP, PVDF
Optional 5 mm lining thickness



Temperature range:
-40°C up to 150°C

| | SIZE | A* (mm) | øG(mm) |
|----------------------|----------------|---------|--------|
| ANSI #150 FLANGED RF | DN 25 - 1" | 160 | 45 |
| | DN 40 - 1 1/2" | 200 | 60 |
| | DN 50 - 2" | 230 | 70 |
| | DN 80 - 3" | 310 | 98 |
| | DN 100 - 4" | 350 | 125 |
| | DN 150 - 6" | 480 | 175 |
| | DN 200 - 8" | 600 | 216 |

* As per manufacturer's standard

| No. | Description | Material |
|-----|------------------|---|
| 1 | Body with Lining | ASTM A395 (0.7043)* ² PFA, PFA/ AS, FEP, PVDF, PP |
| 2 | Cover Plate | ASTM A395 (0.7043), A216 WCB (1.0619) |
| 3 | Glass | Borosilicate Glass |
| 4 | Cushion | PTFE |
| 5 | Bolts | MS (Zincs Plated) |
| 6 | Nuts | MS (Zinc Plated) |

*² Other body materials: A216 WCB (1.0619), CF-8 (1.4401), CF8-M (1.4408)

Min. 3,0mm thick lining. Option: 5mm thickness for highly permeating fluids

Vacuum proof lining thanks to anchoring

Highly corrosion and permeation resistant virgin PFA

Wide range of optional lining: PFA/ AS, FEP, PP, PVDF

Integrated drip tube indication

Large free field of vision

Horizontal or vertical installation

Abrasion resistant material options available

Option: With integrated check valve type CVBSG

Optional: Full glass tube type PSGZ with 360° all-round view