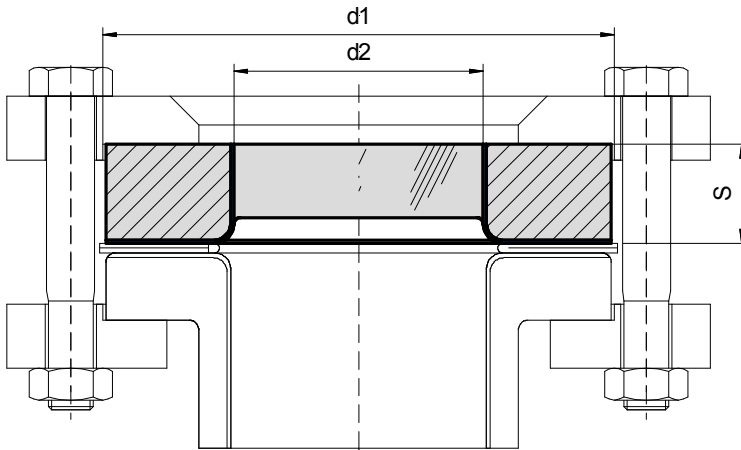


**METAGLAS® - Glass Lined Metaglas Sightglass**  
Type 275

Stand: 02.2003



Enamelled Metaglas Sightglass

**For:**

- Glass lined vessels
- Sightglass fittings to DIN 28121
- Through flow sightglasses to DIN 3236, 3237

**Advantages**

Glass lined Metaglas sight glasses combine the security of failsafe fused glass with the excellent characteristics of a glass surface.

**Advantages of Glass lining:**

- The product will only come into contact with polished glass
- Highly resistant to corrosive processes
- Inert surface so cannot adversely affect product purity
- No catalyst effect and no infection
- Resists build up of sticky products which gives:  
Better heat transfer & higher productivity

**Safety**

- Leaktight with very high pressure resistance
- High safety factor
- Shatterproof with reliability against total failure. The possibility of unexpected rupture is excluded.
- High resistance to bending and overtightening offers simple, fast installation with no risk of breakage.
- Remains leak tight even when glass is damaged.

**Technical Data:**

Manufactured and Tested to:

- Directive for pressure equipment 97/23/EC Modul H/H1 (DIN/EN/ISO 9001)
- AD Standards W0/TRD 100
- Sight glass fused to metal similar to DIN 7079
- Materials to VdTÜV-specifications and the DIN/EN designated standard
- Ring material: P 265 GH ( 1.0425) EN 10028-2
- Sight Glass: B270
- Enamel DD 3009 blue or white

**Approvals: (in preparation)**

- TÜV-Approval in accordance with governing standards (for pressure vessels)

Operating Temperature: -60°C to 250°C

Size		Operating pressure							
		-1 / 10 bar				-1 / 16 bar			
DN (mm)	DN (inch)	d1	d2	S1	S	d1	d2	S1	S
50	-	102	50	15	20	102	50	15	20
-	3"	127	75	18	23	127	75	23	28
80	-	137	80	20	25	137	80	25	30
100	-	158	95	25	30	158	95	28	33
150	-	214	130	30	35	214	130	35	40
200	-	269	150	35	40	269	150	40	45