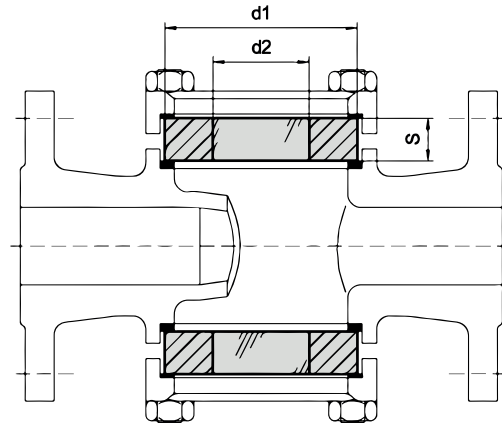


Type 177

METAGLAS® Sight glass Discs for Sight Flow Indicators (ANSI)



Applications

- As replacement for conventional Glasses in sigh flow indicators

Operating conditions

Temperature: -60°C to +300°C
Pressure: Up to 64 bar (TÜV)
Higher pressures possible

Material certificates

Certificate of Conformity to EN 10204-3.1 or 3.2

Ring

materials	Temperature (TS)
S355J2+N	-10°C bis +300°C
1.4462	-30°C bis +280°C
2.4602	-60°C bis +300°C
2.4605	-60°C bis +300°C
2.4610	-60°C bis +300°C

Approvals and technical data

- Manufactured and tested in conformance with:
- Pressure Equipment Directive 2014/68/EU, Module H (DIN/EN/ISO 9001)
- AD Standards W0/TRD 100
- TÜV and Factory Mutual Approval*
- Sight glass fused to metal conforming to DIN 7079
- Borosilicate Glass to DIN 7080 / DIN 7079

Advantages

- Reliability against total failure – the possibility of sudden unexpected rupture is totally excluded
- High resistance to bending and over-tightening offers simple and fast installation with no risk of breakage
- Extreme resistance to impact, pressure and Temperature
- Reusable in the same or other applications – conventional Glass is not available
- Wide acceptance in the European & American chemical industries

Nominal size	Maximum pressure								
	150 psi			300 psi			600 psi		
	d1	d2	S	d1	d2	S	d1	d2	S
½"	45	25	10	45	25	10	45	25	12
¾"	45	25	10	45	25	10	45	25	12
1"	50	25	10	50	25	10	50	25	12
1 ½"	66	35	12	66	35	12	66	35	15
2"	76	40	12	76	40	12	76	40	17
3"	125	65	20	125	65	20	125	65	27
4"	145	70	20	145	70	20	145	70	30
6"	218	100	25	218	100	30	218	100	40

*Approved dimensions and materials see www.metaglas.com