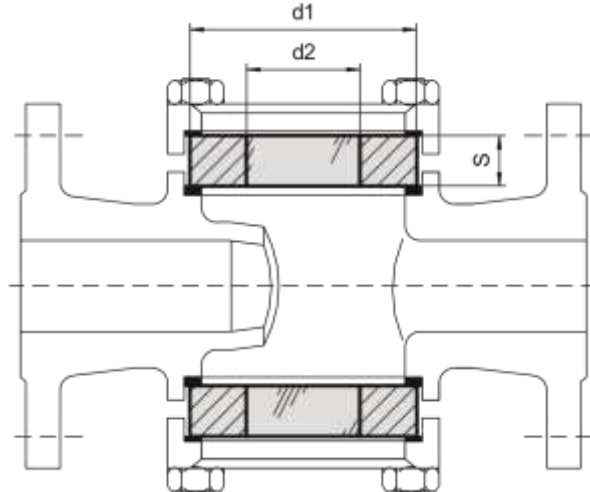


## Type 177

### METAGLAS® Sight Glass Discs for Sight Flow Indicators (ANSI)



#### Applications

- As replacement for conventional glasses in sight 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	Operating temperature
1.0570	-10°C to +300°C
1.4462	-30°C to +280°C
2.4602	-60°C to +300°C
2.4605	-60°C to +300°C
2.4610	-60°C to +300°C

#### Approvals and technical data

Manufactured and tested in conformance with:

- Pressure Equipment Directive 97/23/EG 02/98, 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

#### Maximum pressure

Nominal size	150 psi			300 psi			600 psi			
	ANSI Nominal Size	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
1½"		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.de](http://www.metaglas.de)