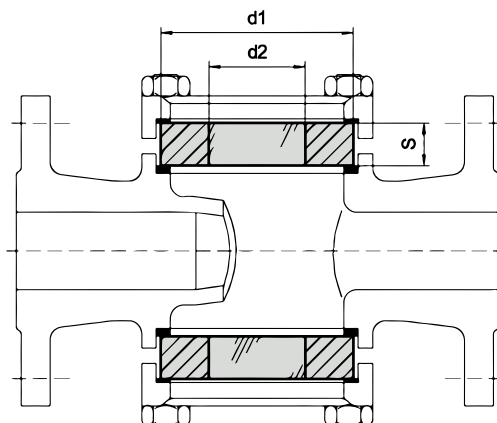


Type 77

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



Applications

As a replacement for conventional sight Glasses in through flow Sight glass fittings

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/H1 (DIN/EN/ISO 9001)
- AD 2000 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 catastrophic 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	Diameter		Maximum Pressure				
	d1	d2	10 bar	16 bar	25 bar	40 bar	64 bar
			S	S	S	S	S
15	45	25	10	10	10	10	15
(15)	50	25	10	10	10	10	15
20	45	25	10	10	10	10	15
25	63	35	10	10	12	15	20
(32)	63	35	10	12	15	20	22
40	80	45	10	12	15	20	22
50	100	55	12	15	20	25	28
65	100	55	12	15	20	25	28
80	125	65	15	20	25	25	30
100	150	70	20	25	30	30	32
125	175	80	20	25	30	30	35
150	200	100	25	30	30	35	40

*Approved dimensions and materials see www.metaglas.com