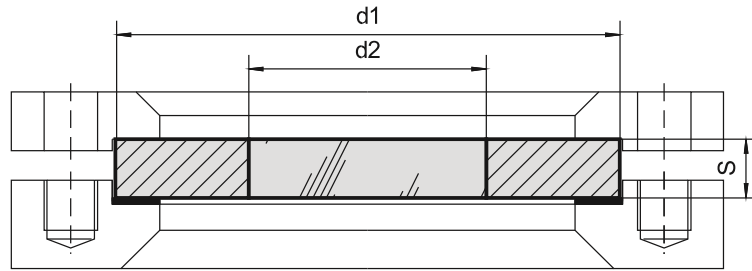


Type 73

METAGLAS® Sight Glass Discs



Applications

As a replacement for conventional glass discs in the following assemblies:

- Circular sight ports to DIN 28120 or similar
- Circular sight ports to DIN 28121
- Screwed sight glasses similar to DIN 11851
- Sight flow indicators

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
2.4819	-60°C to +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 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
- Wide acceptance in the European & American chemical industries

Operating conditions

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

DN	Diameter		Pressure rating				
	d1	d2	10 bar	16 bar	25 bar	40 bar	64 bar
to DIN 28120			S	S	S	S	S
	45	25	10	10	10	10	15
	60	35	10	10	12	15	18
25	63	35	10	10	12	15	20
40	80	45	10	12	15	20	22
50	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
200	250	120	30	30	35	40	–

*Approved dimensions and materials see www.metaglas.de