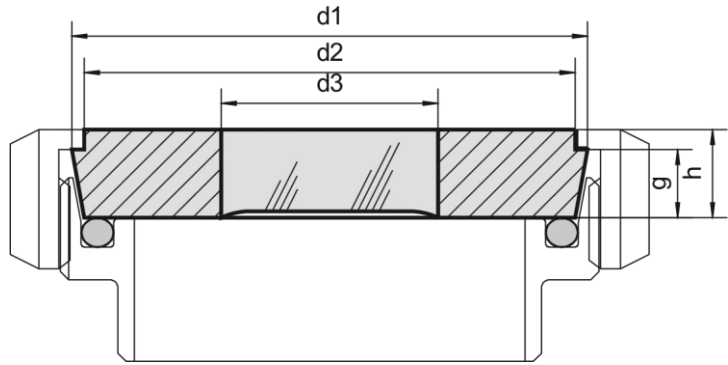
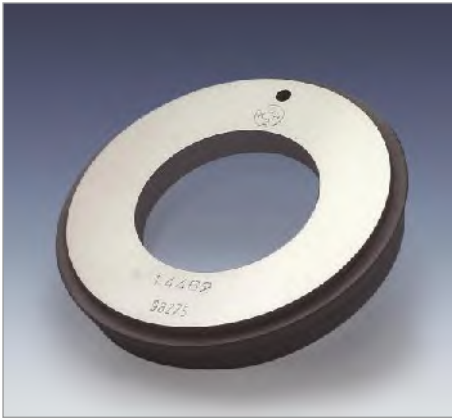


**Type 81**

METAGLAS® Sight Glass Discs for Screwed Fittings to DIN 11851



**Applications**

- Screwed sight glass fitting to DIN 11851
- for use in food processing, cosmetic and pharmaceutical applications where a product or process has to be observed or controlled inside stirred vessels, tanks, dryers, columns, centrifuges, mixers, evaporators, etc.

**Advantages**

- Perfect sealing to atmospheric side
- Easy, economical installation
- Long operating time
- Security against total failure

**Approvals and technical data**

Manufactured and tested in conformance with:

- Pressure Equipment Directive 2014/68/EU, Module H (DIN/EN/ISO 9001)
- AD2000 Standards W0/TRD 100
- Sight glass fused to metal conforming to DIN 7079
- Borosilicate glass to DIN 7080 / DIN 7079

**Operating conditions**

- Temperature: -60°C to +300°C
- Pressure: up to 40 bar (higher pressures on request)

**Material certificates**

- Certificate of Conformity EN 10204 – 3.1 or 3.2

**Ring materials    Operating temperature**

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	-80°C to +300°C

NW	d1	d2	d3	h	g	Pressure rating [bar]
32	50	41	23	13	10	40
40	56	48	25	13	10	40
50	68,5	61	35	14	11	40
65	86	79	45	15	12	25
80	100	93	50	16	12	16
100	121	114	60	20	15	16
125	150	137	70	23	17	16
150	176	163	80	24	18	16