Technical sight glasses

Made of hardened Borosilicate glass MAXOS® and BORIL® and hard glass panes METHERM®

MENNES
SPEZIALGLAS & KUNSTSTOFFTECHNIK

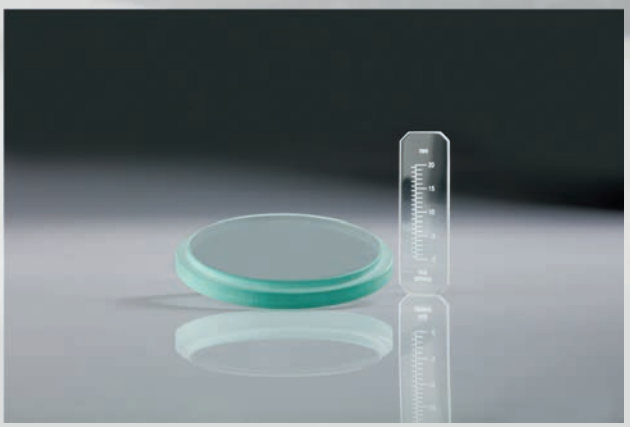
MERAX®
BORAN®
BORIL®
BOSIL®
MEFLOAT®
METHERM®
KeraLasTec®

pressure resistant ~ transparent ~ high-quality



Technical sight glasses, certified to DIN 7080/7081, are applied where the sight check of processes in containers must be ensured in case thermal and chemical loads. Our sight glasses are characterized by good chemical resistance, special pureness and homogeneity. Besides the MAXOS® brand, we also deliver special glasses BORIL®.

For applications in median temperature ranges without chemical load, we recommend sight glasses METHERM® that are manufactured and certified to DIN8902/8903.



Of course, besides our standard range, we also manufacture individual special dimensions according to your request.

Special glass treatments such as facets and milled slots or even labelling are possible. Describe us your requirements. We deliver the appropriate glass.

We are certified according to DIN EN ISO 9001

Exact dates of the products and technical details you find overleaf.

Technical data

MENNES
SPEZIALGLAS & KUNSTSTOFFTECHNIK

MERAX®
BORAN®
BORIL®
BOSIL®
MEFLOAT®
METHERM®
KeraLasTec®

Standard measurements Round sight glasses

ø x strenght	Allowable operating pressure
30 x 15 mm	200 bar
31,6 x 12,75 mm	150 bar
34 x 17 mm	200 bar
35 x 7 mm	25 bar
40 x 10 mm	40 bar
40 x 12 mm	50 bar
45 x 10 mm	40 bar
45 x 12 mm	50 bar
50 x 10 mm	25 bar
50 x 12 mm	40 bar
55 x 10 mm	25 bar
60 x 10 mm	16 bar
60 x 12 mm	25 bar
60 x 15 mm	40 bar
60 x 20 mm	95 bar
63 x 8 mm	8 bar
63 x 10 mm	16 bar
63 x 12 mm	25 bar
63 x 15 mm	40 bar
65 x 10 mm	12 bar
65 x 15 mm	40 bar
70 x 12 mm	16 bar
70 x 15 mm	25 bar
75 x 12 mm	16 bar
80 x 10 mm	10 bar
80 x 12 mm	16 bar
80 x 15 mm	25 bar
80 x 20 mm	40 bar
90 x 10 mm	8 bar
92 x 10 mm	8 bar
95 x 10 mm	6 bar
95 x 15 mm	16 bar
100 x 10 mm	7 bar
100 x 12 mm	10 bar
100 x 15 mm	16 bar
100 x 20 mm	25 bar
100 x 25 mm	40 bar
113 x 15 mm	10 bar
115 x 15 mm	10 bar
120 x 15 mm	10 bar
125 x 15 mm	10 bar
125 x 20 mm	16 bar
125 x 25 mm	25 bar
125 x 30 mm	40 bar
130 x 15 mm	10 bar
135 x 25 mm	25 bar
150 x 10 mm	2 bar
150 x 15 mm	8 bar
150 x 20 mm	10 bar
150 x 25 mm	16 bar
150 x 30 mm	25 bar
175 x 20 mm	10 bar
175 x 25 mm	16 bar
175 x 30 mm	25 bar
200 x 20 mm	8 bar
200 x 25 mm	10 bar
200 x 30 mm	16 bar
250 x 20 mm	4 bar
250 x 25 mm	8 bar
250 x 30 mm	10 bar
265 x 30 mm	8 bar

Standard measurements Longitudinal sight glasses

reflex / transparent

Lenght	Width	Thickn.	Allowable operating pressure
115	30	17	35 bar
140	30	17	
165	30	17	
190	30	17	
220	30	17	
250	30	17	Without steam
280	30	17	and technically
320	30	17	significant effect
340	30	17	on glass

			reflex / transparent
95	34	17	280 / 345
115	34	17	
140	34	17	
165	34	17	
190	34	17	
220	34	17	
250	34	17	
280	34	17	
320	34	17	
340	34	17	
370	34	17	
400	34	17	

Pressure indications include multiple security.

Technical details

Chemical resistance	DIN 7080 / DIN 7081	DIN 8902 / DIN 8903
Water resistance	DIN ISO 719 HGB 1	DIN ISO 719 HGB 4
Acid resistance	DIN ISO 1776 ≤ 100 ug Na_2O je 100cm²	DIN ISO 1776 ≤ 100 ug Na_2O je 100cm²
Alcali resistance	DIN ISO 695 class A2	DIN ISO 695 class A1
Max. operating temperature	300° C	200° C
Resistance to heat shock	265 K	150 K

Further sight glasses according to DIN 7080 / 7081 and DIN 8902 / 8903 on request (spezial measurements).

Of course, we also offer asbestos-free seals and mica washers.
Please contact us.

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