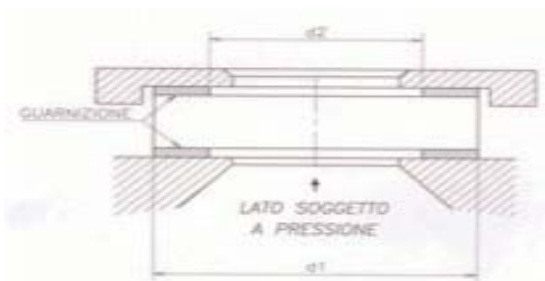


SODALIME TEMPERED GLASS PANES TYPE A - ISPESL M.15.C AND CTI ADVISE



The ISPESL M.15.C standard applies to pressure resistant circular panes for sight glasses made of thermally toughened sodalime glass, which are designed to withstand a continuous one-sided fluid pressure at temperature between -200°C and 150°C this limit decrease to 100° in case of fluids having PH larger than 7,5.



TECHNICAL SPECIFICATIONS

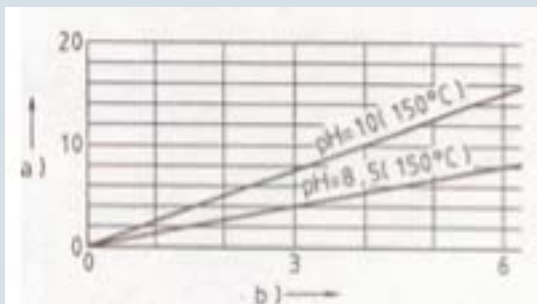
- **Minimal flexural fracture stress:**
 160 N/mm^2
- **Allowable continuous working temperature:** $72.15 \leq T \leq 523.15 \text{ K}$
- **Thermal shock resistance (ISO 718):**
 120°C
- **Hydrolytic resistance (ISO 719):** Class HGB4
- **Acid resistance (ISO 1776):**
 $100 \mu\text{g Na}_2\text{O per } 100 \text{ cm}^2$
- **Alkaline resistance (ISO 695):** Class A1
- **Linear thermal expansion coefficient:**
 $\alpha \leq 9.5 \pm 0.1 \cdot 10^{-6} \text{ K}^{-1} (293.15 - 573.15 \text{ K})$

SODALIME TEMPERED GLASS PANES TYPE A - ISPESL M.15.C AND CTI ADVISE

Diameter d_1 (mm)	Diameter d_2 (mm)	Working pressure (bar)					
		8	10	16	25	40	50
		Thickness (mm)					
45	32	-	-	-	-	10	12
50	35	-	-	-	10	12	-
60	45	-	-	10	12	15	-
63	48	-	-	10	12	15	-
80	65	-	-	12	15	19	-
100	80	-	-	15	19	24	-
125	100	-	15	19	24	-	-
150	125	-	19	24	-	-	-
175	150	-	19	-	-	-	-
200	175	20	24	-	-	-	-
250	225	24	-	-	-	-	-

Non standard panes available on request

RESISTENCE TO CHEMICAL ATTACK



a) loss in mass (mm)

b) time (months)

GEOMETRICAL TOLERANCE

Diameter	- up to 150 mm	± 0,5 mm
	- from 150 to 200 mm	± 0,8 mm
	- over 200 mm	± 1,0 mm
Thickness	- from 10 to 20 mm	+ 0,5 - 0,25 mm
	- over 20 mm	+ 0,8 - 0,4 mm

Should you require any further information, do not hesitate to contact us



Technical data may vary at any time