

# SODALIME GLASS CONTARDI TEMPERED



*Soda-lime glass is used in all those applications where there is a need to observe something without touching it or as a protection, where the temperature of 150° C is not exceeded, so for low-pressure sight windows and machinery protections glass. If the glass should break because of the temperature, it would break into small pieces. Soda-lime glass is supplied in sheets or rings, in accordance with customer specifications.*

## TECHNICAL FEATURES

- **Normal operating temperature:** 130°C
- **Maximum operating temperature:** 150°C
- **Thermal shock DIN 52323:** 120°C
- **Hydrolytic resistance DIN 12111:** IV
- **Acid resistance DIN 12116:** I
- **Alkali resistance DIN 52322:** I
- **Alternate flexure ultimate tensile strength N/mm<sup>2</sup>:** 160
- **Coefficient of thermal expansion (20 - 300°C):**  $9,5 \times 10^{-6} \times k^{-1}$

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## SIZE

### Rings

Ring size range from 30 mm of diameter to 500 mm and from 3 mm of thickness to 24 mm.

### Sheets

Sheets are supplied upon customer request starting at a minimum of 80x80 mm in 3 to 24 mm thickness.



## TOLERANCE

### Diameter

≤ 60 mm	+ 0 mm	- 0,5 mm
≤ 100 mm	+ 0 mm	- 1,0 mm
≤ 200 mm	+ 0 mm	- 1,5 mm
≤ 250 mm	+ 0 mm	- 2,0 mm

### Grounded edge

≤ 100x100 mm	+ 0 mm	- 0,5 mm
≤ 250x250 mm	+ 0 mm	- 1,0 mm
≤ 350x350 mm	+ 0 mm	- 2,0 mm
> 350x350 mm	Defined in each case	

### Thickness

3 mm	± 0,2 mm
4 mm	± 0,2 mm
5 mm	± 0,2 mm
6 mm	± 0,2 mm
8 mm	± 0,3 mm
10 mm	± 0,3 mm
12 mm	± 0,3 mm
15 mm	± 0,5 mm
19 mm	± 0,5 mm
24 mm	± 0,5 mm

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

