



## TUBULAR GAGE GLASS

MANUFACTURED WITH BOROSILICATE GLASS, THEY ARE USED ON VARIOUS APPLICATIONS WHERE CHEMICAL DURABILITY AND LOW THERMAL EXPANSION ARE REQUIRED.

AVAILABLE FROM ½" O.D. TO 1-1/2" O.D.; AND LENGTH UP TO 144" .

THE REFMEXL-TUBULAR GAGE GLASS IS AVAILABLE IN DIFFERENT WALL THICKNESS ACCORDING TO THE EQUIPMENT PRESSURE CONDITIONS.

END FINISH: DIAMOND SAW CUT.

THE REFMEXL-TUBULAR GAGE GLASS IS ALSO AVAILABLE IN TRANSPARENT AND WHITE-RED LINE STRIPE; THIS RED LINE BETWEEN TWO WHITE STRIPES, GIVES A SPECIAL OPTICAL EFFECT WHICH INCREASES THE VIEWING DISTANCE OF THE LIQUID LEVEL.

### CHEMICAL RESISTANCE

- WATER CLASS HGB1 (ISO 719)
- ACIDS CLASS S1 (ISO 1776)
- ALKALIS CLASS A2 (ISO 695)

### PHYSICAL PROPERTIES

- HIGH REHEAT TEMPERATURE 560°C
- LOW REHEAT TEMPERATURE 525°C
- COEFFICIENT OF THERMAL EXPANSION  $3.3 \times 10^{-6} / ^\circ\text{K}$
- DENSITY 2.2g/cm<sup>3</sup>

THE SHOWING PRESSURES IN THE BELOW TABLES ARE JUST FOR REFERENCE, WE CAN PRODUCE ANY LENGTH.

INTERMEDIATE SIZES TAKE THE PRESSURE OF THE NEXT LARGER SIZE LISTED.



**HEAVY WALL GAGE GLASS**

EXTRA WALL THICKNESS FOR PRESSURE UP TO 500PSI (DEPENDING LENGTH AND TEMPERATURE), TO WORK UNDER THE HEAVIER AND MORE SEVERE OPERATING CONDITIONS IN HIGH PRESSURE EQUIPMENT

**HEAVY WALL GAGE GLASS O.D. 5/8"**

**WALL 3/16"**

LENGTH	LOW TEMP UP TO 150°F	STEAM BOILER UP TO 425°F
12	600PSI	345PSI
24	550PSI	300PSI
36	500PSI	220PSI
48	350PSI	150PSI
60	250PSI	****
72	150PSI	****

MAXIMUM LENGTH 78"

**HEAVY WALL GAGE GLASS O.D. 3/4"**

**WALL 1/4"**

LENGTH	LOW TEMP UP TO 150°F	STEAM BOILER UP TO 425°F
12	600PSI	345PSI
24	550PSI	300PSI
36	500PSI	220PSI
48	350PSI	150PSI
60	250PSI	****
72	150PSI	****

MAXIMUM LENGTH 78"