

In combination with transparent glasses the life of these is increased when working at high pressures and temperatures. Also, they are protected from erosion, which results from the effects of the corrosive chemical components, alkaline solutions, boiler water, steam, caustic products, hydrofluoric acids, hot and concentrated phosphoric acids, sodium and potassium hydroxides and other contaminating, viscous or corrosive media.

Applicable in level indicators for electrical generation plants, thermal power plants, petroleum refineries, petrochemical plants, pressure vessels, fertilizers, sugar refining plants, paper mills,... etc..

### Specifications

- Manufactured from laminas of natural muscovite mica.
- High heat resistance.
- Colourless with good transparency and optical quality, even in the presence of temperature fluctuations and with aggressive fluids.
- Smooth, flexible and unbreakable surface, guaranteeing an absolutely sealed joint.
- Resistant to shocks, stress and vibrations.
- Protects the environment in case of glass breakage.
- Complies with international standards: ASTM D351-57T and IS 1175-57.
- Each lamina is rigorously tested and inspected.



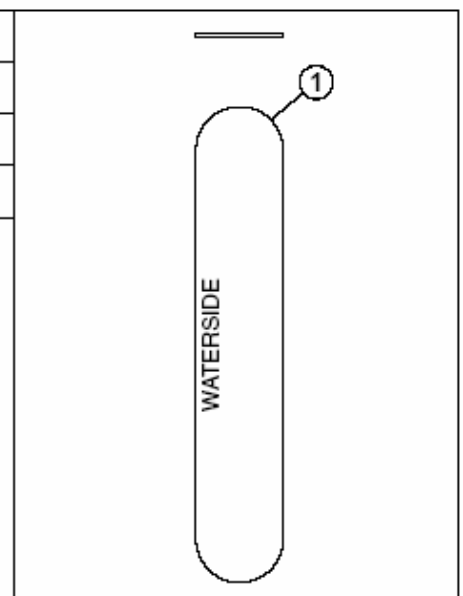
Nº PIECE	PIECE	MATERIAL
1	Mica shield	Natural muscovite mica
OPERATING CONDITIONS	PRESSURE IN bar	392
	MAX. TEMPERATURE IN °C	600

(1) We recommend mica laminas to be used above 24 bar or 196°C.

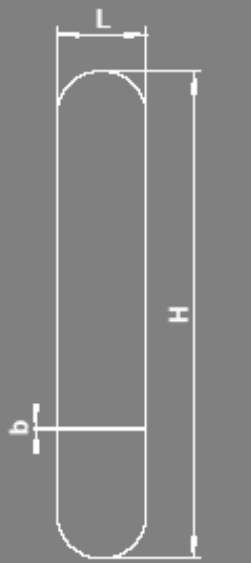
### IMPORTANT

Depending on demand:

- Other thicknesses.
- Any shape or size.

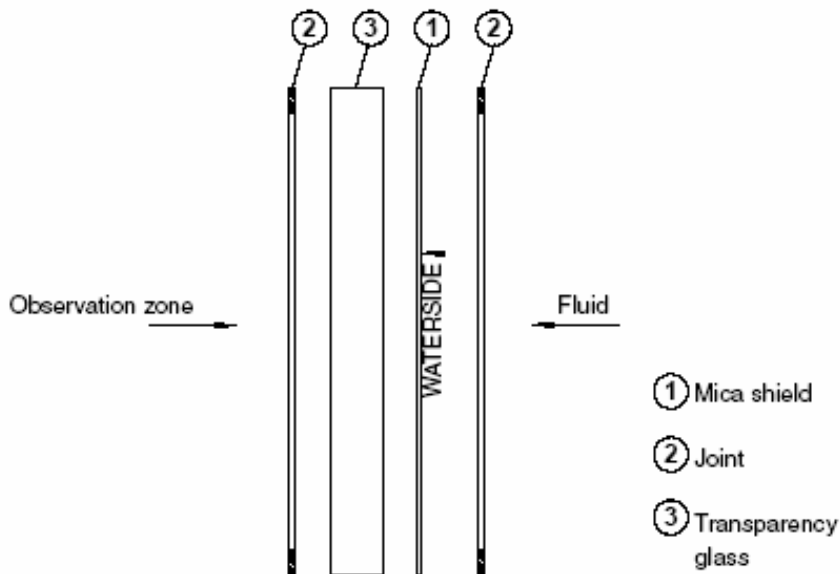


TYPE	N°	H x L x b	CODE
A	I	115 x 30 x 0,2	2101-066.10152
	II	140 x 30 x 0,2	2101-066.10252
	III	165 x 30 x 0,2	2101-066.10352
	IV	190 x 30 x 0,2	2101-066.10452
	V	220 x 30 x 0,2	2101-066.10552
	VI	250 x 30 x 0,2	2101-066.10652
	VII	280 x 30 x 0,2	2101-066.10752
	VIII	320 x 30 x 0,2	2101-066.10852
	IX	340 x 30 x 0,2	2101-066.10952
	X	370 x 30 x 0,2	2101-066.11052
B/H	I	115 x 34 x 0,2	2101-066.20152
	II	140 x 34 x 0,2	2101-066.20252
	III	165 x 34 x 0,2	2101-066.20352
	IV	190 x 34 x 0,2	2101-066.20452
	V	220 x 34 x 0,2	2101-066.20552
	VI	250 x 34 x 0,2	2101-066.20652
	VII	280 x 34 x 0,2	2101-066.20752
	VIII	320 x 34 x 0,2	2101-066.20852
	IX	340 x 34 x 0,2	2101-066.20952
	X	370 x 34 x 0,2	2101-066.21052



**Installation**

It is of vital importance that the mica shield is mounted such that the side marked with the work "Waterside" is in contact with the liquid. The other side must be applied directly to the glass.



**Maintenance**

The life of a transparency glass depends to a large extent on the mica shield used. Once the lamina is worn out the installation should be changed, including the glass. The average life cycle of the mica shield varies widely and depends upon the liquid, pressure and temperature.

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