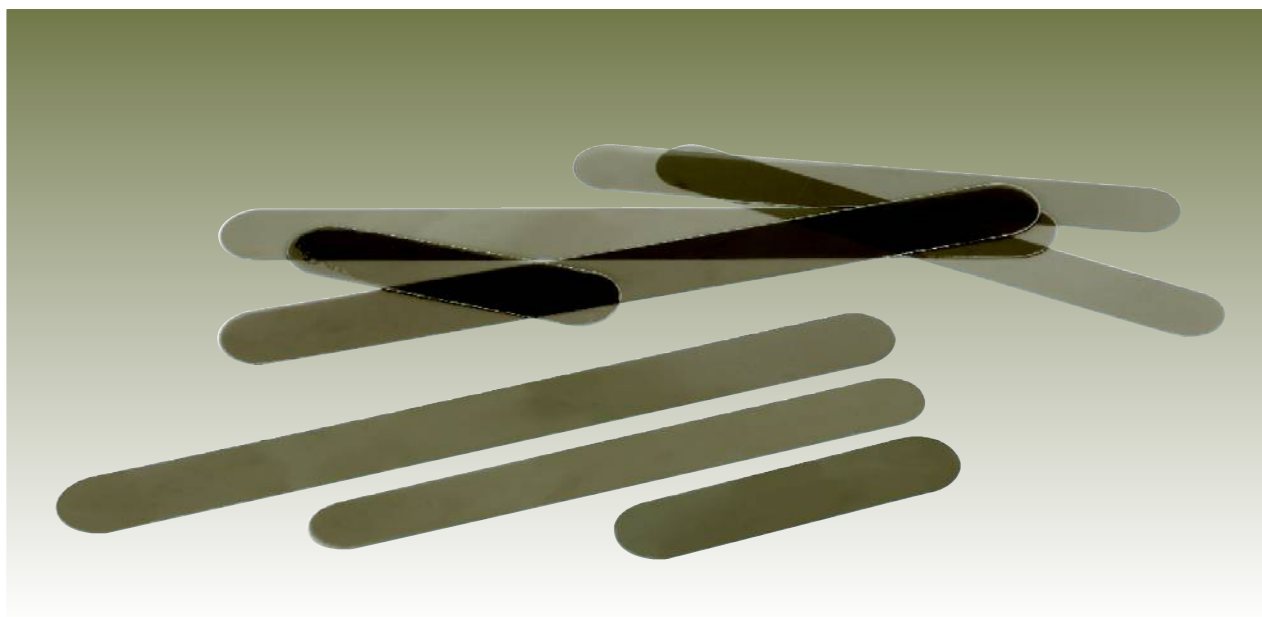


Mica shield

For level indicators



Model 066-PM



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

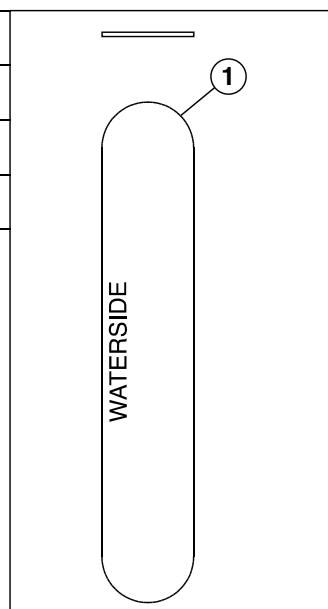
- Manufactured from laminas of natural muscovite mica.
- High heat resistance.
- Colourless with good transparency and optical quality, even in the presence of temperature fluctuations and with aggressive fluids.
- Smooth, flexible and unbreakable surface, guaranteeing an absolutely sealed joint.
- Resistant 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 |

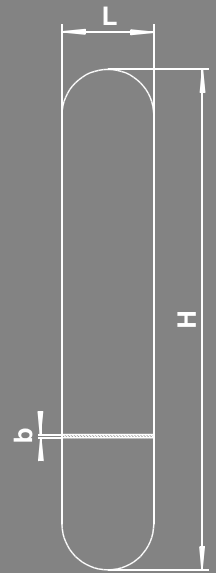
(1) We recommend mica laminas to be used above 24 bar or 196°C.

IMPORTANT

- Depending on demand:
- Other thicknesses.
 - Any shape or size.

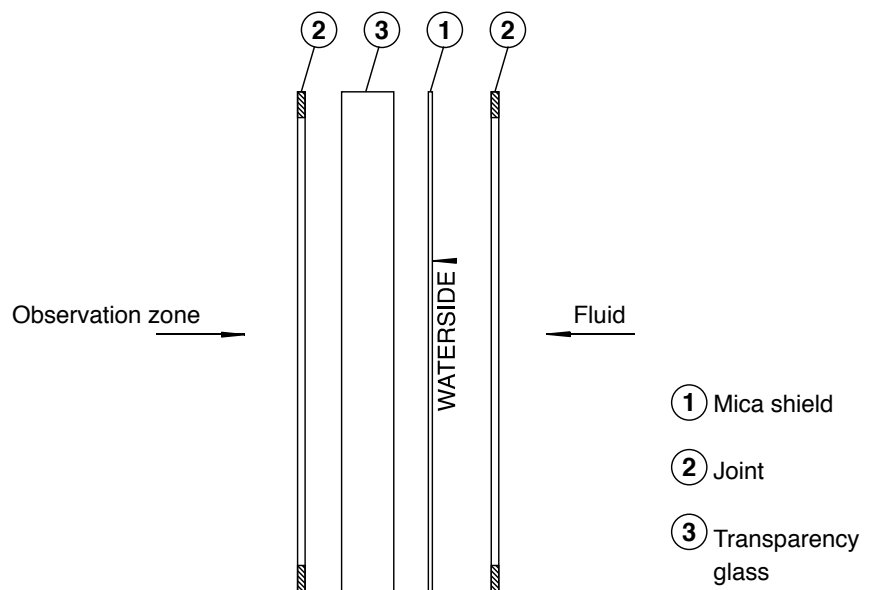


| TYPE | Nº | H x L x b | CODE |
|------|------|----------------|----------------|
| A | I | 115 x 30 x 0,2 | 2101-066.10152 |
| | II | 140 x 30 x 0,2 | 2101-066.10252 |
| | III | 165 x 30 x 0,2 | 2101-066.10352 |
| | IV | 190 x 30 x 0,2 | 2101-066.10452 |
| | V | 220 x 30 x 0,2 | 2101-066.10552 |
| | 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.