

TECHNICAL DATASHEET

PTFE glass fabric : 208A

**OVERVIEW:**



**DESCRIPTION AND PROPERTIES:**

208A reference is composed of glass fabric support coated with PTFE (Polytetrafluoroethylene). Coating is perfectly smooth and regular:

- ✓ Non-sticky – very good slipping coefficient – easy to clean
- ✓ Temperature resistance from -73°C up to +260°C as operating temperature and +315°C in intermittence (as a peak temperature)
- ✓ Food compliant : Odorless and tasteless
- ✓ Thanks to its chemical inertness, PTFE is unaffected by any chemical product such as acid, salt, solvents, except fluorites (CaF<sub>2</sub>) and trifluorines at high temperatures and under high pressure, as well as Sodium (Na) and Potassium (K) in fusion, and finally products attacking the glass.
- ✓ Arc resistance greater than 300 seconds
- ✓ Loss factor less than  $2 \cdot 10^{-4}$  à 60Hz, 1 Hz, 10<sup>6</sup> Hz
- ✓ Dielectric constancy 2.1 à 60 Hz, 1 KHz, 10<sup>6</sup> Hz

| PROPRERTIES           | VALUE       | UNIT             |
|-----------------------|-------------|------------------|
| Thickness             | 0.08        | mm               |
| Nominal weight        | 135         | g/m <sup>2</sup> |
| % of PTFE             | 64          | %                |
| Tensile strength      | 800         | N/5 cm           |
| Operating temperature | -73 / + 260 | °C               |