

TECHNICAL DATASHEET

PTFE coated glass fabric: 216A

OVERVIEW:



DESCRIPTION AND PROPERTIES:

216A 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 (CaF₂) 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, 10⁶ Hz
- ✓ Dielectric constancy 2.1 à 60 Hz, 1 KHz, 10⁶ Hz

PROPERTIES	VALUE	UNIT
Thickness	0.13	mm
Nominal weight	235	g/m ²
% of PTFE	54	%
Tensile strength	1200	N/5 cm
Operating temperature	-73 / + 260	°C