

TECHNICAL DATASHEET

PTFE coated glass fabric : 141A

**OVERVIEW:**



**DESCRIPTION AND PROPERTIES:**

141A 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 peek 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<sup>2</sup>) 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,  $10^6$  Hz
- ✓ Dielectric constancy 2.1 à 60 Hz, 1 KHz,  $10^6$  Hz

PROPERTIES	VALUE	UNIT
Thickness	0.35	mm
Nominal weight	680	g/m <sup>2</sup>
% of PTFE	57	%
Tensile strength	3500	N/5 cm
Operating temperature	-73 / + 260	°C