



AXON' propose a range of PTFE films for any application where the thermal, electrical, mechanical and chemical characteristics of PTFE are useful.

These tapes are available in different widths and thicknesses, and in addition to the standard films, AXON' offers self-adhesive versions.



PTFE film

PTFE

Polytetrafluorethylene (PTFE) is used for its interesting characteristics, especially :

- good tear resistance : nominal 25 Mpa ;
- good stretch at break : 350 % nominal ;
- low friction coefficient ;
- excellent non-adhesive properties ;
- good temperature resistance : - 200°C to + 260°C ;
- low flammability ;
- low dielectric constant : 2.1 ;
- low loss factor : 0.0002 ;
- good dielectric strength : 24 kV/mm ;
- chemical inertness ;
- no toxicity when ingested ;
- good resistance to ageing and to ultraviolet sources.



TAPES

AXON' offers 2 versions of PTFE films :

- standard PTFE : - dimensions below.
- self adhesive tape : - dimensions below ;
 - thickness of the adhesive : 0.10 mm ;
 - coating is heat resistant up to 80° C ;
 - not waterproof.

STANDARD PTFE FILMS

Thickness (mm)	Weight in gr/m for 300 mm width
0,05 ± 0,015	33
0,07 ± 0,015	46
0,10 ± 0,015	66
0,15 ± 0,015	99
0,25 ± 0,015	165
0,50 ± 0,025	330
0,75 ± 0,025	495
1,00 ± 0,050	660



PACKAGING

- Standard width 300 mm - Length on request (max. 10 meters).
- Width on request (inferior to 300 mm) - 10 meters spool.

