



1 - CONSTRUCTION

- 100% "POLYESTER" fibre.
- Needled fibres assembled by felting.
- Without binder, fibres are heat stabilized to avoid heat shrinkage .



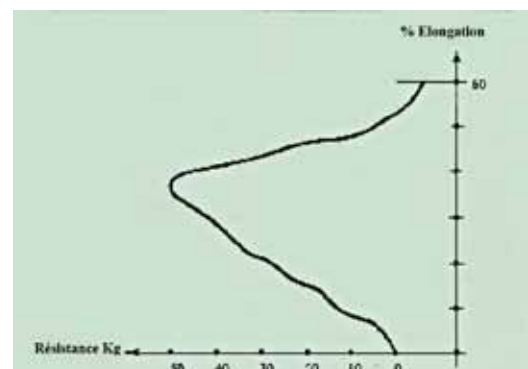
2 - CHARACTERISTICS

- FELT						
SPECIFICATION	UNIT	TFT 15	TFT 30	TFT 30.1	TFT 60	
- Average weight	g/m ²	150	300	300	600	
- Tolerance on weight	%	- 5 + 10	- 5 + 10	- 5 + 10	- 5 + 10	
- Thickness	mm	1,5	3.0	2.0	4,0	
- Tolerance on thickness	mm	+ - 0,3	+ - 0,3	+ - 0,3	+ - 0,3	
- Breaking resistance length	N/5cm	> 120	> 300	> 350	> 900	
- Breaking resistance width	N/5cm	> 200	> 650	> 600	> 1200	
- Temperature of use	°C	155	155	155	155	
- Width of fabrication	mm	1000	1000	780	1000	
- FIBRE						
- Resistance to hydrolysis		excellent		- Loss of breaking resistance:		
- Resistance to wearing out		very good		- Heated at 175 °C during 5 H		
- Tensile strength		good		- Heated at 175 °C during 78 H		6 %
- Sticking point		240 °C		- Action on organic acids		30 %
- Melting point		260 °C		- Action on phosphoric acids		none
- Burns but does not keep the fire going		yes		- Action on fluorhydric acids		none
- Welding felt on felt		yes		- Action on organic solvents		none
- Possibility to heat pre-forming		yes		Chlorned hydrocarbons, alcohols,		none
- Moisture absorption at R.H 65 % and 25 °C		0,4 %		cetons, aldehydes, ethers, esters.		none
Type of product : Superpolycondensat			Material : Polyetylene Terephtalate			
SUPPLE AND ABSORBING FELT						

TESTS :

- **THICKNESS:** it concerns ref TFT15 - TFT30 - TFT60
Measured under a pression of 5 mbar with surface of ø 35 mm.

- **RESISTANCE:**
Made with samples of felt cut lengthways of 5 cm put on test tubes.
- Distance between jaws = 20cm
 - Pulling speed 100 mm / minute.





3 - APPLICATIONS

- Stuffings, fillings, taping, varnishes or resins support.
- Composition of cables and sections insulations.
- Impregnation under vacuum.

NOTA: After impregnation and curing, it becomes a compact block of fibres

- resins without any risk of delamination.
- Great absorption power.
- Avoids resin leaking.
- Combined with our CETAVER tapes or our mixed TERYL / CETAVER tapes, it allows a new type of insulation.

TERYL = Polyester tapes.

CETAVER = Glass tapes (silionne).

- CONCERNED INDUSTRIES :

Big electrical equipment rotor, electrical motors, transformers, cables.
Manufacturers of complex, varnished or impregnated cloths.



4 - PRESENTATION

- Width of fabrication : 1 M.
- Cutting widths : 10 - 15 - 20 - 30 - 40 - 50 - 160 mm.
others widths : please question us.
- Colour : white.
- Conditioning : Roll and roll with a brown wrapping paper between layers for ref TFT 15 in small widths.
- Length per roll : 100 M.
- Length per roll : TFT 15 and tft 30 = 20M
TFT 60 = 10M



We recommend to protect them from dust, humidity, at an ambient temperature.