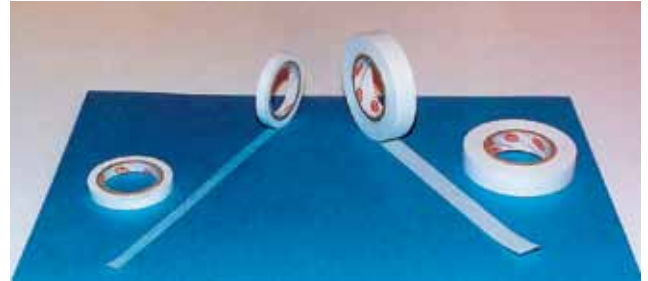


**1 - CONSTRUCTION**

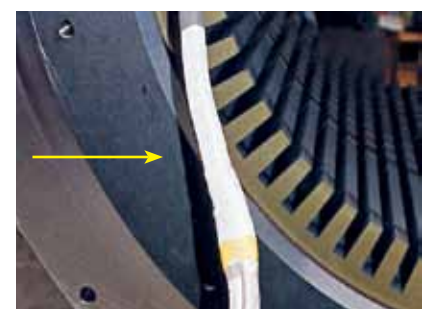
- 100% POLYESTER fibres.
- Fibres assembled by thermowelding without binder.
- TST : without reinforcement yarn.
- TST 2 FR : with reinforcement yarn lengthways to have a good breaking resistance.


**2 - CHARACTERISTICS**

- FELT						
SPECIFICATION	UNIT	TST 2A31	TST 6	TST 2FR7	TST 2FR8	
- Average weight	g/m <sup>2</sup>	20	60	72	82	
- Thickness	mm	0.035	0.078	0.105	0.115	
- Tensile strength	N/5cm	65	220	340	420	
- Average elongation	%	15,0	15,0	15,0	18,0	
- Thermal shrinkage 30 mn at 150°C						
Sense of length	%	1,5	1,5	3,0	2,0	
Sense of width	%	1,0	1,0	1,5	1,5	
Tolerance		± 0,5	± 0,5	± 0,5	± 0,5	
- FIBRE						
- Resistance to hydrolysis		excellent		- Loss of breaking resistance:		
- Resistance to wearing out		very good		- Heated at 175°C during 5 H		6%
- Tensile strength		good		- Heated at 175°C during 78 H		30%
- Sticking point		240°C		- Action on organic acids		none
- 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		Chlorined hydrocarbons, alcohols,		none
- Moisture absorption at 65% d' R.H and 25°C		0,4%		cetons, aldehydes, ethers, esters.		none
Type of product : SUPERPOLYCONDENSAT		-		Material : POLYETHYLENE - TEREPHTALATE		
Others qualities in different thicknesses exist, with a minimum of 5000 m2 because they are no standard.						

**3- APPLICATIONS**

- TST : Taping of motors sections, complexes making, with various films and mica splittings.
- TST 2 FR : Taping requiring a higher breaking resistance than TST. The reinforcement yarns avoid elongations or putting out of shape during impregnation.
- CONCERNED INDUSTRIES:  
Big electrical equipment: rotors, electrical motors, transformers, condensers, complexes.



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

**4- PRESENTATION**

- Width of fabrication : TST = 1 or 0,40 M - TST 2 FR = 1,06 M
- Cutting widths : 6 - 10 - 15 - 20 - 25 - 30 - 40 - 50 mm
- Others widths : please question us.
- Colour : white
- Conditioning : rolls of 50 M or 70 M.