

### 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 2FR8		
- Average weight	g/m²	20	60	78		
- Thickness	mm	0.035	0.078	0.116		
- Tensile strength	N/5cm	65	220	365		
- Average elongation	%	15,0	15,0	16,0		
- Thermal shrinkage 30 mn at 150°C						
Sense of length	%	1,5	1,5	2,0		
Sense of width	%	1,0	1,0	1,5		
Tolerance		± 0,5	± 0,5	± 0,5		
- FIBRE						
<ul style="list-style-type: none"><li>- Resistance to hydrolysis</li><li>- Resistance to wearing out</li><li>- Tensile strength</li><li>- Sticking point</li><li>- Melting point</li><li>- Burns but does not keep the fire going</li><li>- Welding felt on felt</li><li>- Possibility to heat pre-forming</li><li>- Moisture absorption at 65% d' R.H and 25°C</li></ul>		excellent	<ul style="list-style-type: none"><li>- Loss of breaking resistance:<ul style="list-style-type: none"><li>- Heated at 175°C during 5 H</li><li>- Heated at 175°C during 78 H</li></ul></li><li>- Action on organic acids</li><li>- Action on phosphoric acids</li><li>- Action on fluorhydric acids</li><li>- Action on organic solvents</li><li>Chlorined hydrocarbons,alcohols,</li><li>cetons, aldehydes, ethers, esters.</li></ul>		<ul style="list-style-type: none"><li>6%</li><li>30%</li><li>none</li><li>none</li><li>none</li><li>none</li><li>none</li><li>none</li></ul>	
		very good				
		good				
		240°C				
		260°C				
		yes				
		yes				
		yes				
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.

### 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.



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