

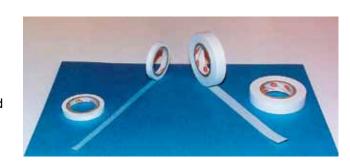
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THERMOWELDED POLYESTER ELECTRIFEUTRE ®



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						
- Resistance to hydrolysis		excellent	- Loss of breaking resistance:			
Desistance to wearing out		l warn acad	Hostod at 175°C during 5 H		60/	

Resistance to hydrolysis Resistance to wearing out Tensile strength Sticking point	excellent very good good 240°C	- Loss of breaking resistance: - Heated at 175°C during 5 H - Heated at 175°C during 78 H - Action on organic acides	6% 30% none
- Melting point	260°C	- Action on phosphoric acides	none
- Burns but does not keep the fire going	yes	- Action on fluorhydric acides	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.

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

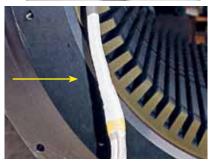
- Others widths : please question us.

- Colour : white

- Conditioning : rolls of 50 M or 70 M.

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