INSULATION & THERMAL MATERIALS

POLYGLASS MOTOR / ARMATURE BANDING TAPE (Made in China)

No.	Stock Code	Size (INCH)	Size (MM)	Colour	Packing (Meter)	Price/Coil (RM)
1	TBT20	¾"	20	White	100	
2	TBT25	1"	25	White	100	

* These polyglass banding tapes are constructed of high tensile, moisture resistant glass yarn laid parallel, impregnated and bonded with polyester resin. They are supplied in 'B' stage, i.e. semi cured. After heat curing, i.e. in 'C' stage, the tape forms a hard, rigid and springy high tensile homogenous mixture of glass and resin which is void free. This cured mass greatly improves heat dissipation factor.
* Applications: They are used to replace steel banding of all types of armatures including traction motors, AC motors, coil of DC motor, large generators and banding of dry type & resin moulded type transformer.
* CAUTION: Due to its 'B' stage nature, polyglass tape should be stored in low temperature environment, and brought back to room temperature before use. Its shelf life is approximately 6 months at 20°C and 12 months at 10°C.







1) Unwind the glass fibre roving and aligns every strand completely parallel without any crossing, forming a flat glass yarn.
2) The parallel yarn sheet travels into a temperature controlled dip tank, containing resin.
3) As the resin-impregnated glass sheet exits the dip tank, and goes into a heating oven, advancing the resin into 'B' stage.
4) Lastly, wraps the tape around a motor armature or transformer coil and bakes the assembly in an oven, the 'B' stage resin fully reacts into the 'C' stage. It melts, bonds, and cures into a hard, rigid, homogenous, void-free structural ring with a tensile strength exceeding 2500N/cm