



Energy saving GX spindle tapes

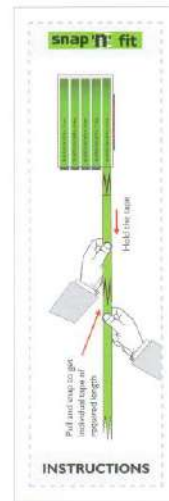
Spinning more than just yarn



An ISO 9001 Company



GX spindle tapes are also available in **snap 'n' fit** boxes, cut and pre-punched to length, hence making it easy to install.

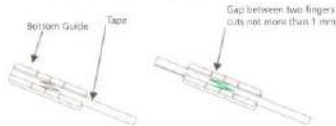


- Switch on the joining press (PT50 or PU70) and when the platen temperature reaches 190°C, the red LED will go off. The press is ready for use.

Joining press

Top platen	190°C
Bottom platen	190°C

- Loop the tape on the machine and bring both finger cut ends together and place over the specified bottom guide (GC Series) in such a way that the fabric portion (green side) is at the bottom and align to the mark provided so that, the joint portion is at the center of the guide rail. Ensure the finger cut ends matches properly and give a slight gap of not more than 1 mm.



- Place the top guide over the bottom guide. Make sure the finger ends are not disturbed.

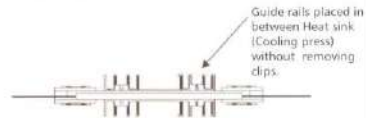


- Clamp both top & bottom guide rail by clips on both ends.



- Place the guide rail along with clips at center of the joining press which is maintained at 190°C.

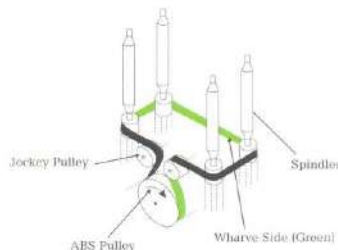
- After 2 minutes of joining time, open the press. Remove the guide rail and immediately put into the cooling press without removing clips.



- When the temperature of the guide rail comes down approximately < 50°C take out from the cooling press and remove the clips and top guide.

- Check the condition of the joint and remove from the bottom guide and trim off the flashes on both edges.

- Mount the tape on the machine.



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The world's first grooved energy saving TPU* spindle tape with *Pneumaflush™* action

Elgi Ultra Industries Limited, part of the reputed Elgi Group and manufacturer of the well-known Elgitex Premium and Elgitex G2 Spindle Tapes, proudly presents Elgitex GX grooved energy saving spindle tapes.

For the first time in the world, our innovative technology has created GX grooved spindle tape that provides very close jockey pulley movement, optimum slip from pulley to spindle head, saves power and outlasts conventional spindle tapes.

SPINDLE TAPE - SPECIFICATIONS

Type of Spindle tape	Thickness in mm	Min.P.Dia in mm	Nominal Peripheral Force N/mm	Friction cover pulley / whirl side material + colour	Breaking strength (N/mm)	K1% (Tensile force for 1% elongation per unit of Width [N/mm])	Co-efficient of Friction on Steel Cylinder / Pulley side/ whirl side	Type of joint	Service Temp. °C
GX	0.70	15	6.0	TPU* Black Polyester Cotton Green	50	7.0	0.7 0.35	Finger joint	-20 to +65

*TPU : Polyurethane Thermoplastic

All indicators are approximate values under standard climatic conditions of 23° C and 50% Relative humidity.

BENEFITS

- HIGHER SPINDLE RPM
- NO CHANGE IN JOCKEY PULLEY CENTER DISTANCE
- LOW POWER CONSUMPTION
- BETTER YARN QUALITY
- LOW SPEED VARIATION AMONG OTHER SPINDLES
- LONGER LIFE
- NO FLUFF ACCUMULATION – ANTISTATIC
- FLEXIBLE JOINT – NO JERK
- INSTANTANEOUS SPEED PICKUP
- UNIFORM TPI

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