

THE SPINDLE TAPE - XT



ELGITEX



Extra Spindle RPM



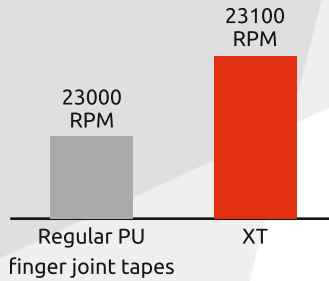
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will continue to save energy with extended life with increased spindle RPM. Once again ELGITEX leaps one step ahead in providing solutions for customers.

Latest high speed spinning machines demands more power. About 50-60% of the total energy is consumed by ring spinning frames of this 33% consumed for driving the spindles. The demand to conserve energy leads to develop energy saving products. All these years ELGITEX EFX and GX Spindle tapes provided the scope to conserve energy. Now with our new spindle tape XT continued to conserve energy with additional benefits. The spindle tape XT can also be used to improve the productivity and reduce the total cost of ownership.

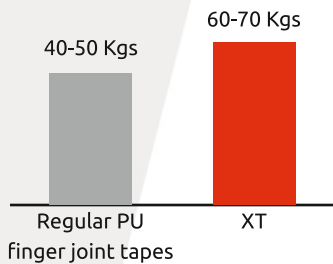
Key Features

1. HIGHER SPINDLE SPEEDS



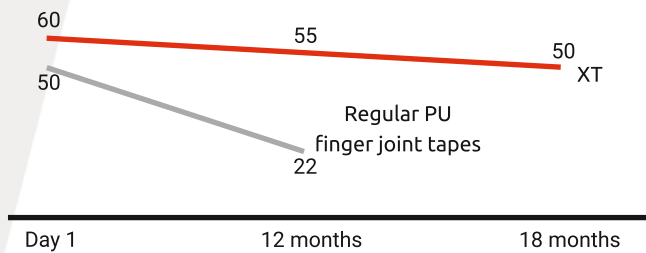
The additional spindle RPM throughout the life cycle ensures both energy saving and yarn quality

2. HIGHER TAPE STRENGTH



The Higher tapes strength in XT will ensure the longer service life fo the tape.

3. TAPE STRENGTH RETENTION



The Retention of the tape strength is an important advantage of spindle tape XT when compared to regular PU spindle tapes. This helps in reducing the tape cuts during end of service life.

Case Study

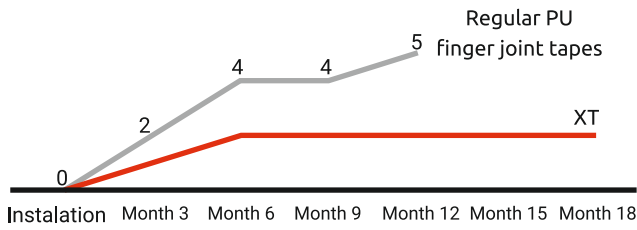
Cost Inputs for Spindle Tapes

Elgitex XT spindle tapes service life considered as 1 year and regular spindle tapes as 1.5 years

Number of spindle tapes / 25000 spindles	Unit	Regular Spindle Tapes	Elgitex XT Spindle Tapes
Cost of 6250 nos. new spindle tapes of size 2371 x 11 mm	INR	162500	423750
Cost of replacement of cut spindle tapes during service life	INR	39000	203400
Total		201500	627150
Increase in cost of spindle tapes			425650
Cost Saving in Electric power			
Saving in electric power per spindle per year	kwh		7
Saving for 25,000 spindles	INR		1137500
Less increase in spindle tape cost	INR		425650
Net Savings	INR		711850
Saving per spindle year	INR		28.47
Pay back period on the additional investment	Months		2 to 3



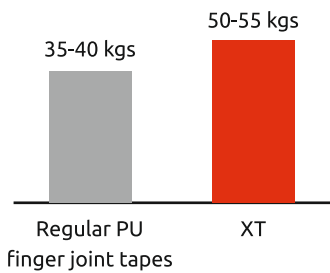
4. CHANGE IN JOCKEY PULLEY CENTRE DISTANCE



Uniform jockey pulley center distance throughout the tape life is an important advantage of spindle tape XT when compared to regular PU spindle tapes. This helps in delivering consistent spindle speeds throughout the service life.



5. HIGHER JOINT STRENGTH



The higher tape joint strength will contribute in increased tape life.

JOINING ACCESSORIES

Joining Press P60



Cooling Press C50



Joining Channel



BOP-P60
Battery
Operated
Press



An ISO 9001 Company

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*Patent pending : The information is intended to serve as a guideline only and no claims are made regarding its accuracy. The data provided herein are based on the laboratory application with small scale test equipment. Running at standard test conditions and do not necessarily match product performance in industrial use. Re-assessments and modification may be incorporated without any prior notice

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