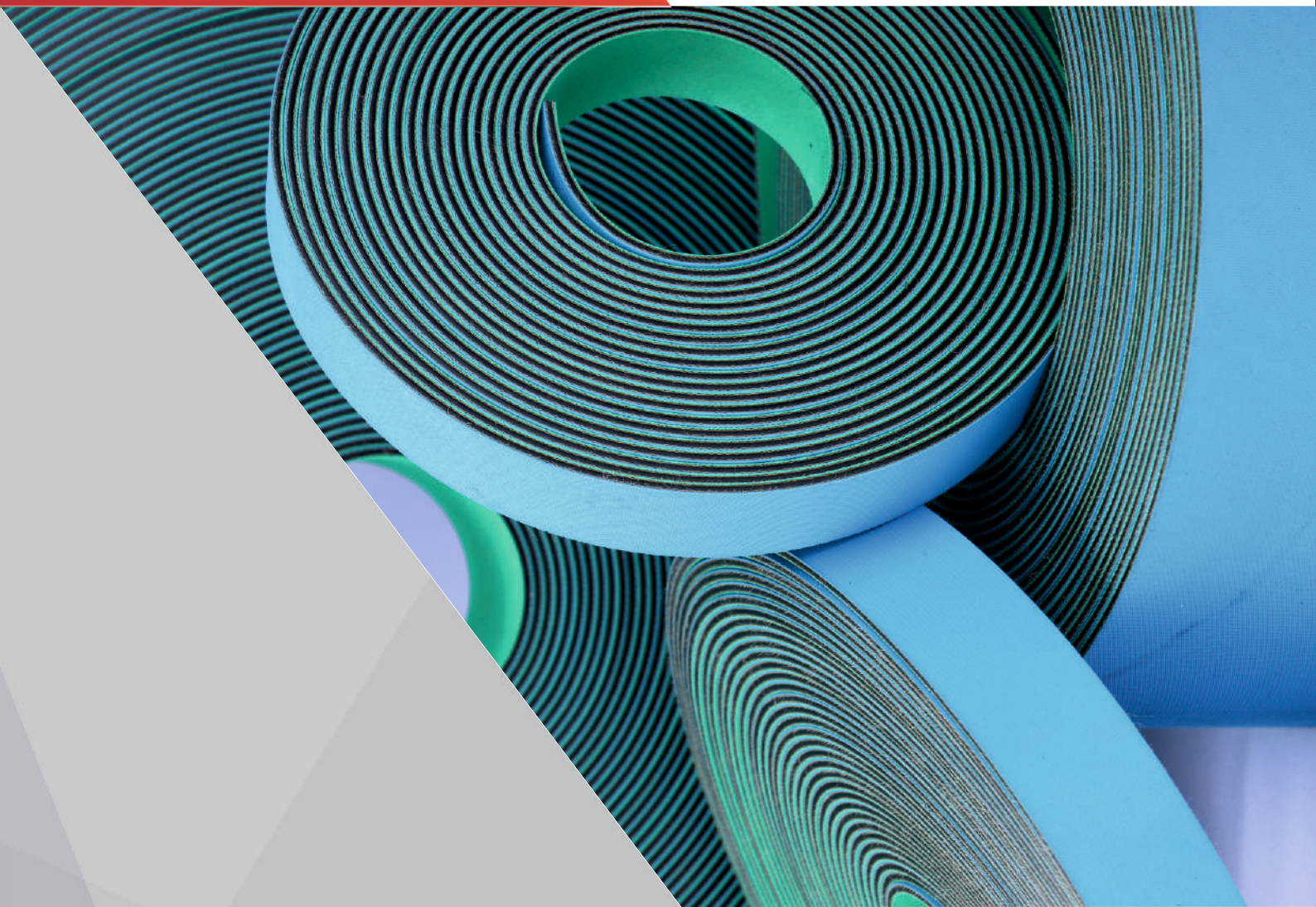


Power Transmission Flat Belt For Textile Industries



ELGITEX

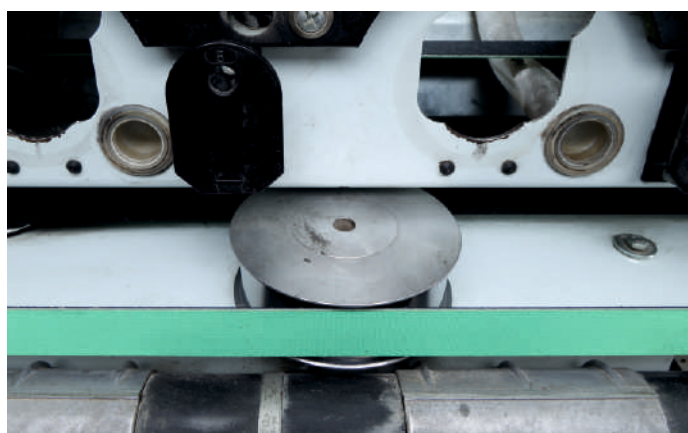
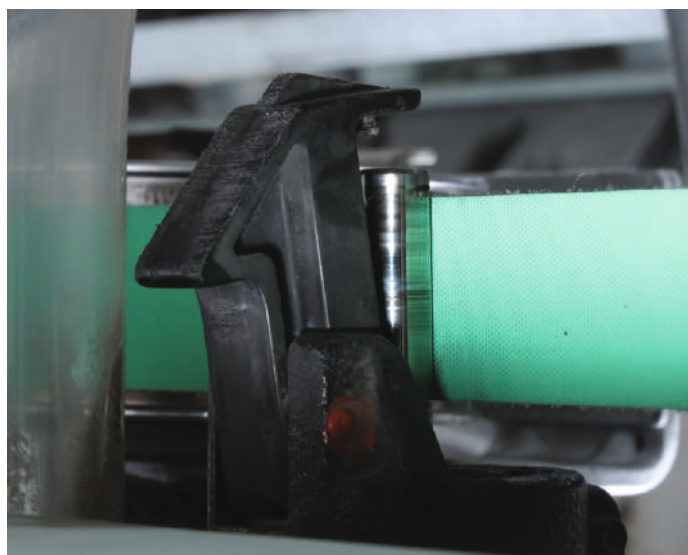
Total
Belting
Solutions

Textile industry particularly yarn production demands wide range of power transmission requirements mainly spindle tapes, Flat belts and conveyor belts. Elgi Ultra Private Limited provide wide spectrum of products to cater the customer needs with excellent performance to deliver lesser energy consumption.

Being in the service for more than 30 years the textile industry requirements are understood precisely and products are delivered. Elgi Ultra Private Limited is a complete partner for transmission and conveying needs in the textile industry over decades.

Elgi Ultra Private Limited is a leading manufacture of Power transmission belts, Process and Conveyor belts and has a unique reputation for developing innovative solutions for belting applications. Elgi Ultra Private Limited offers wide range of power transmission belts, tangential belts, spindle tapes, machine tapes, conveyor belts and loom components. Elgitex products delivers increased service life, higher reliability, reduced energy consumption and improved price / valuation.

We at Elgi Ultra Private Limited are able to offer a full range of belting products to meet the ever-increasing performance demands and to provide well considered solutions for all belting processes in the textile industry from bale opening to winding and twisting.



Disclaimer

This disclaimer is made on behalf of Elgi Ultra Private Limited and as its affiliated companies, directors, employees, agents and contractors thereafter collectively "Elgi Ultra Private Limited" with respect to the products referred to herein the "Products". SAFETY WARNINGS SHOULD BE READ CAREFULLY AND ANY RECOMMENDATION SAFETY PRECAUTIONS BE FOLLOWED STRICTLY. All indications / information as to the application use and performance of the products are recommendations provided with due diligence and care, but no representations or warranties of any kind are made as to their completeness, accuracy or suitability for a particular purpose. The product data's provided herein are based on laboratory test conditions and do not necessarily match product performance in the industrial use. Updating and modifications based on experience and improvements will be done without prior notice.

Features

Abrasion Resistance

Excellent abrasion resistance achieved due to the stable friction coefficient obtained by using the special synthetic rubber (NBR: Acrylonitrile Butadiene Rubber)

High-speed power transmission

High-flex resistance and high-speed power transmission obtained by using a thin and strong tension member

High-tensile tension member

High-quality stretched polyamide / fabric is used as a tension member to provide high tensile strength.

Wide range

Wide range available to meet the demands of power transmission and in all applications.

Antistatic

Except for some types all others are subjected to antistatic treatment to obtain low electrostatic potential.

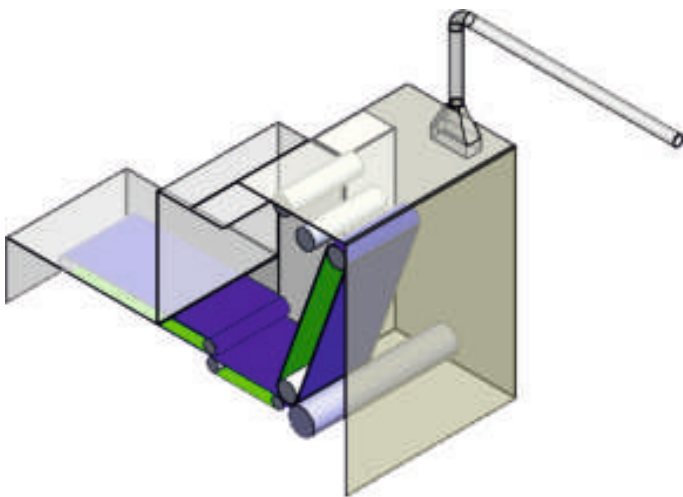
Easy endless processing

On-site endless processing is available by using ELGITEX special tools and adhesives.

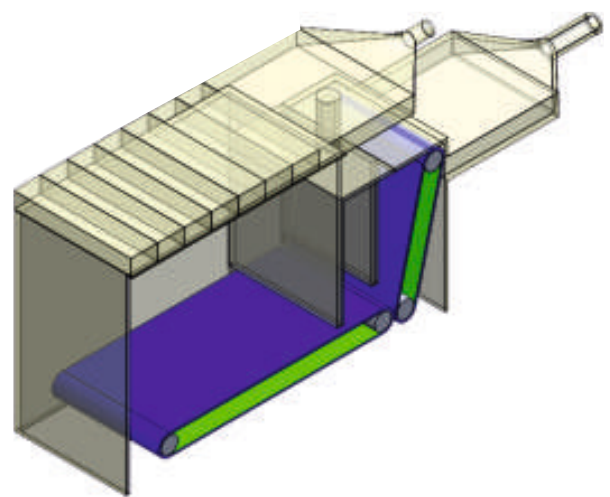
Applications

Blow Room

Bale Opener



Blending Opener

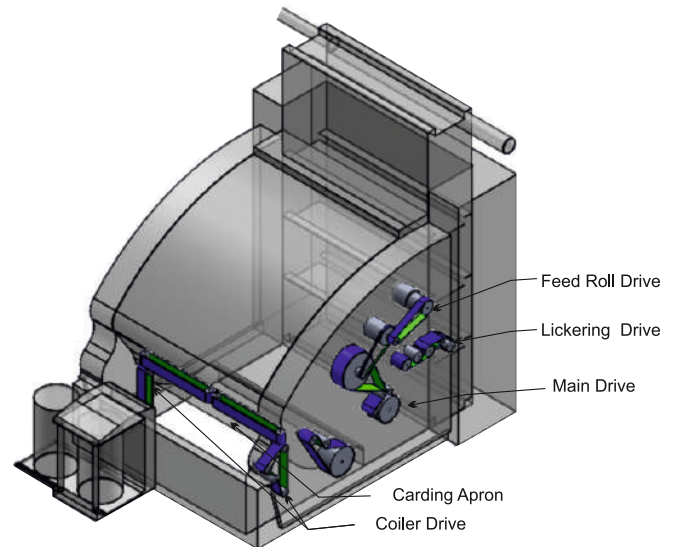


Application	Belt Grade	Thickness	K1%N/mm	Joint Type
Drive Belt	LT09	2.90	9.0	Overlap
	GGX09RR	2.35	9.0	Overlap
	GR11	3.40	11.0	Overlap
Feed Apron/ Transport Apron	EM8/2 PVC GREEN 20 SF AS	2.00	8.0	Finger

Features

Durable
Consistent Performance
Permanently anti-static

Carding



Features

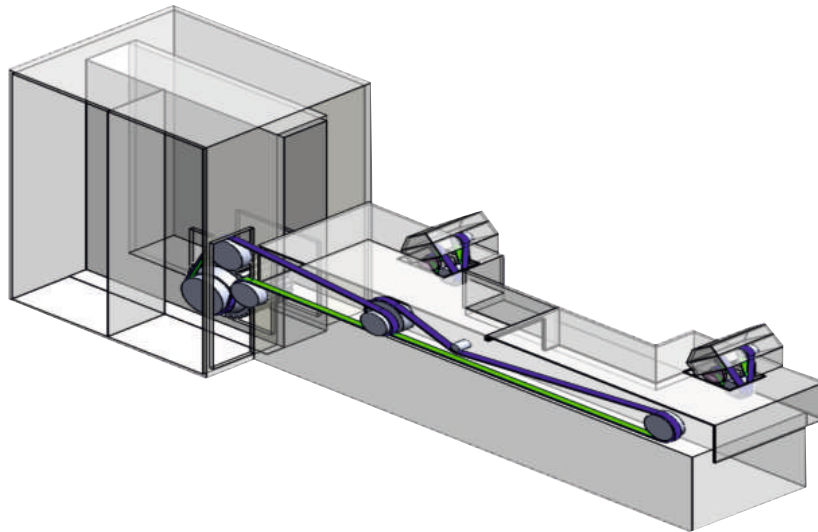
- Excellent power transmission at high load
- Durable even at high working temperature
- Better tracking resistance
- Permanently Anti-static

Application	Belt Grade	Thickness	K1% N/mm	Joint Type
Drive Belt	GR11	2.90	9.0	Overlap
	GGX09RR	2.35	9.0	Overlap
	GGX11.25 RR	3.40	11.0	Overlap
	PEX1825	2.50	18.0	Finger
	PEX1020	2.00	10.0	Finger
Coiler Drive Belts	GGX04RR	1.60	4.0	Overlap
	GGX06RR	1.80	6.0	Overlap
	PEX1020	2.00	10.0	Finger
	PEX0515	1.50	05.0	Finger
Carding Apron	EL3510 AI	1.10	3.5*	Finger
Lickering Drive Belts	LT06	2.60	0.6	Overlap



*K8%

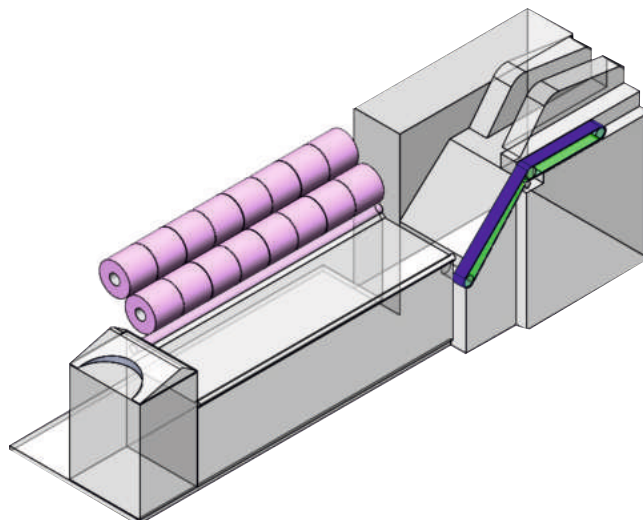
Lap Former



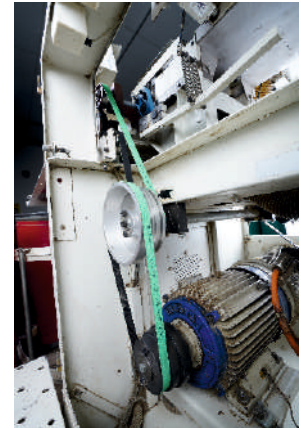
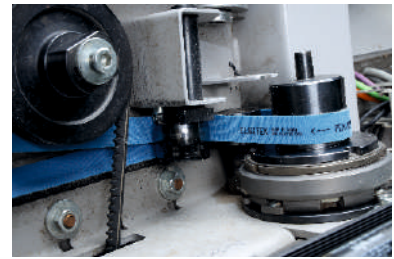
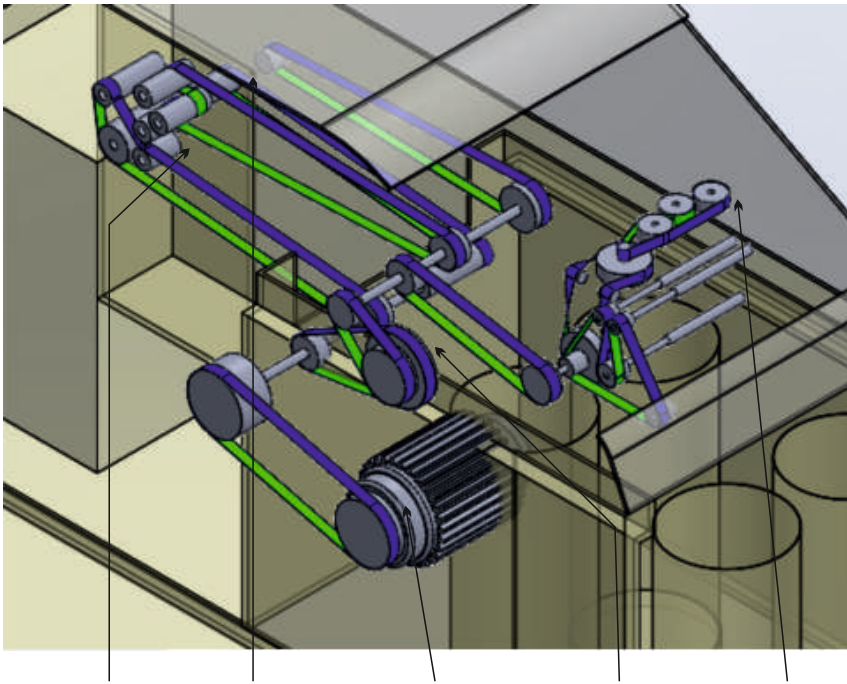
Application	Belt Grade	Thickness	K1% N/mm	Joint Type	Features
Main Drive	GGX09RR	2.35	9.0	Overlap	Lesser Slippage Consistent performance
	GR11	3.40	11.0	Overlap	
Drafting Zone/ Creel / Console Zone	PEX1020	2.00	10.0	Finger	High Efficiency
	GGX06RR	1.80	6.0	Overlap	
	PEX1520	2.00	15.0	Finger	

Combing

Application	Belt Grade	Thickness	K1% N/mm	Joint Type	Features
Silver Conveyor	PF5302	1.10	5.0	Overlap	Gentle Fibre Transportation Excellent Non-sticking Property Highly anti-static Tracking resistance
	EE5015	1.50	5.0	Finger	



Draw Frame



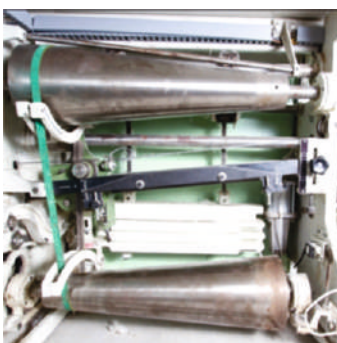
Brake draft Front Roller Drive Main Drive Calendar Roll Scanning Roller Drive

Application	Belt Grade	Thickness	K1% N/mm	Joint Type
Main Drive	GGX09RR	2.35	9.0	Overlap
	PEX1825	2.50	18.0	Finger
Creel Zone	PEX1825	2.50	18.0	Finger
Drafting Zone	GGX06RR	1.80	6.0	Overlap
	PEX1020	2.00	10.0	Finger
Scanning Zone	GGX04RR	1.60	4.0	Overlap
	PEX0515	1.50	5.0	Finger
	PEX1020	2.00	10.0	Finger
Calendering Zone	GGX06RR	1.80	6.0	Overlap
	PEX1020	2.00	10.0	Finger
	PEX1520	2.00	15.0	Finger

Features

- High Abrasion resistance
- Constant co-efficient of friction
- Excellent flexibility
- Improved service life
- Minimal slippage

Speed Frame



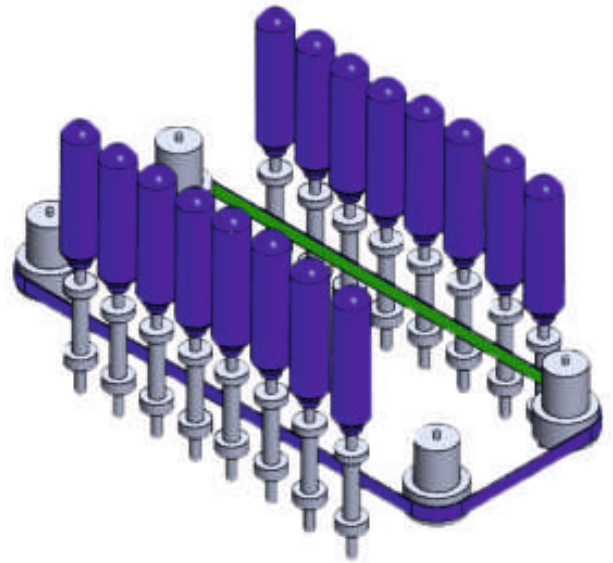
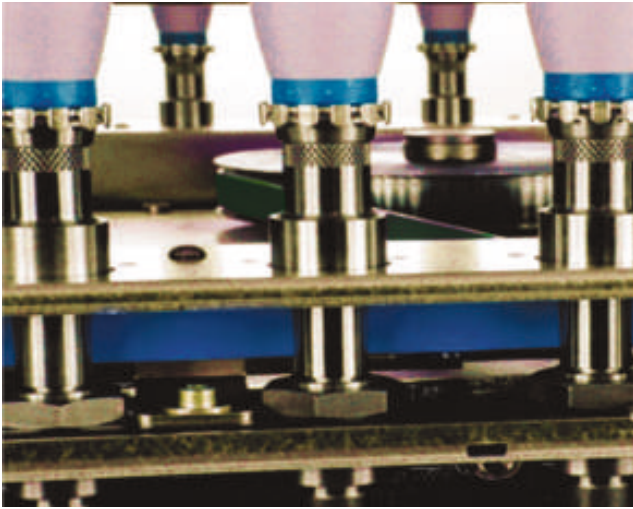
Application	Belt Grade	Thickness	K1% N/mm	Joint Type
Cone Drum	GR11	3.40	11.0	Overlap
	GGX11.25RR	2.50	11.0	Overlap

Features

- Higher Performance
- Consistent Roving quality
- Smooth track shifting properties

Ring Spinning - Tangential belts

ELGITEX 'X' Series tangential belts provides highest spinning performance widely used in many spinning tangential applications.



Belt Grade	Thickness	K1% N/mm	Joint Type
GGX04RR	1.60	4.0	Overlap
GGX07RR	2.00	7.0	Overlap
GGX09RR	2.35	9.0	Overlap
GGX18RR	3.30	18.0	Overlap
PEX1020	2.00	10.0	Finger
PEX1520	2.00	15.0	Finger

Features

- Excellent abrasion resistance
- Lesser elongation
- Extended service life
- Consistent performance

Ring Spinning Main Drive belts



Features

- Elastic
- Durable

Application	Belt Grade	Thickness	K1% N/mm	Joint Type
Main Drive	GR15	3.90	15.0	Overlap
	GR18	4.20	18.0	Overlap
	PEX2530	3.00	25.0	Finger
Elite Drum Belt	EL3516	1.60	3.5*	Finger



*K8%

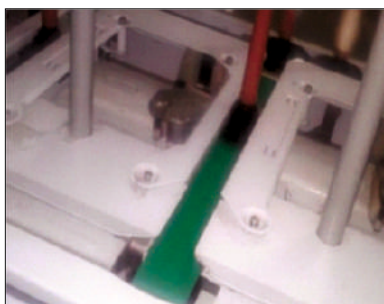
Auto Conner

ELGI TEX offers specially made **Truly endless belts** for auto conner application. Process conveyors for all conveying needs and elastic belts for the link system between ring frame and the conner.



Application	Belt Grade	Thickness	K1% N/mm	Joint Type	Features
Drum Drive	TEB444	1.60	12.0	NA	Special construction for higher life. Joint free for better performance. Unique surface finish for optimum grip.
	TEB512	1.60	12.0	NA	
Caddy Conveyor	EL2514	2.35	2.50*	Overlap	
	EL3516	1.60	3.50*	Finger	
	EL0913	2.00	0.9*	Finger	
Bobbin Conveyor	EM8/2 PVC GREEN SF 20AS With Cleats	2.00	8.0	Finger	
	Cone Conveyor	EM8/2 PVC WHITE SF 20AS	2.00	8.0	

*K8%



OHTC

ELGITEX Belts for OHTC delivers smooth blowing and traveling of over head cleaners throughout belt service life.



Features

- Consistent Blowing performance
- Smooth Traveling
- Better Flexibility
- Highly Efficient
- Permanently Anti-static

Application	Belt Grade	Thickness	K1% N/mm	Joint Type
Drive	GG07RR	2.10	7.0	Overlap
	GGX09RR	2.35	9.0	Overlap
	GGX11.25RR	2.50	11.0	Overlap

Automatic Waste Collection System



Features

- Excellent Elastic Properties
- Highly Durable
- Excellent Sealing Property
- Minimal Fluff attraction
- Permanently Anti-static

Application	Belt Grade	Thickness	K1% N/mm	Joint Type
Sealing Band	EL2514	1.40	2.50	Finger
	EL0913	1.30	0.90	Finger

Ring Doubling



Features

- Longer Service Life.
- Uniform performance at all speeds.
- Uniform co-efficient of friction throughout the service life.

Application	Belt Grade	Thickness	K1% N/mm	Joint Type
Drive	GF02	0.90	2.0	Overlap
	GT02	1.10	2.0	Overlap

Twisting

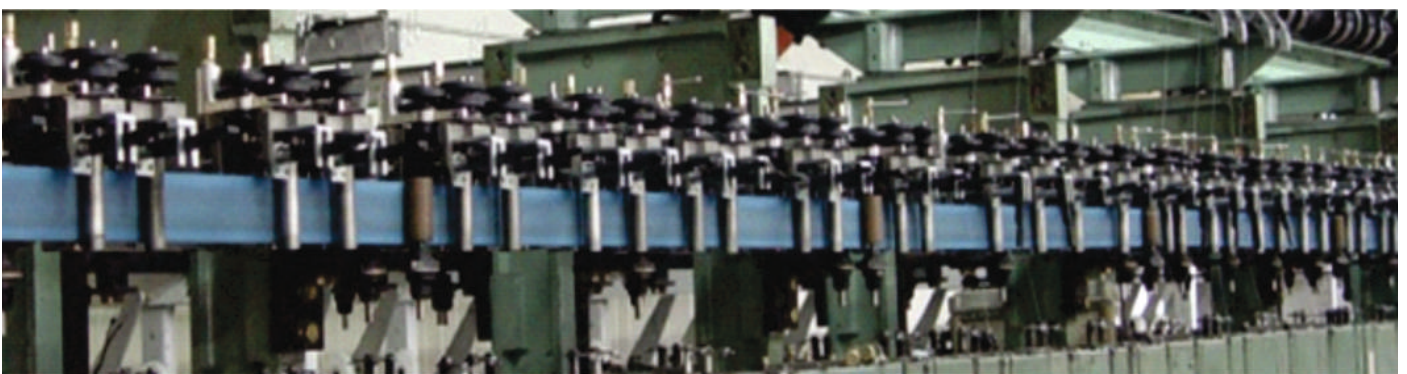


Belt Grade	Thickness	K1% N/mm	Joint Type
GGX09RR	2.35	9.0	Overlap
GGX11.25RR	2.50	9.0	Overlap
GGX11.26GF	2.60	11.0	Overlap
GGX11.26 FRTW	2.60	11.0	Overlap
GGX15.30RR	3.00	15.0	Overlap
PEX1825	2.50	18.0	Finger
PEX1830	3.00	18.0	Finger

Features

- Excellent abrasion resistance
- Lesser elongation
- Uniform co-efficient of friction
- High accuracy of Spindle revolutions

Texturising



Belt Grade	Thickness	K1% N/mm	Joint Type
GGX15.30RR	3.00	15.0	Overlap
GGX18.33RR	3.33	18.0	Overlap
PEX1830	3.00	18.0	Finger
PEX1835	3.50	18.0	Finger

Features

- Excellent abrasion resistance
- Lesser elongation
- Extended service life
- Consistent performance

Open End Spinning

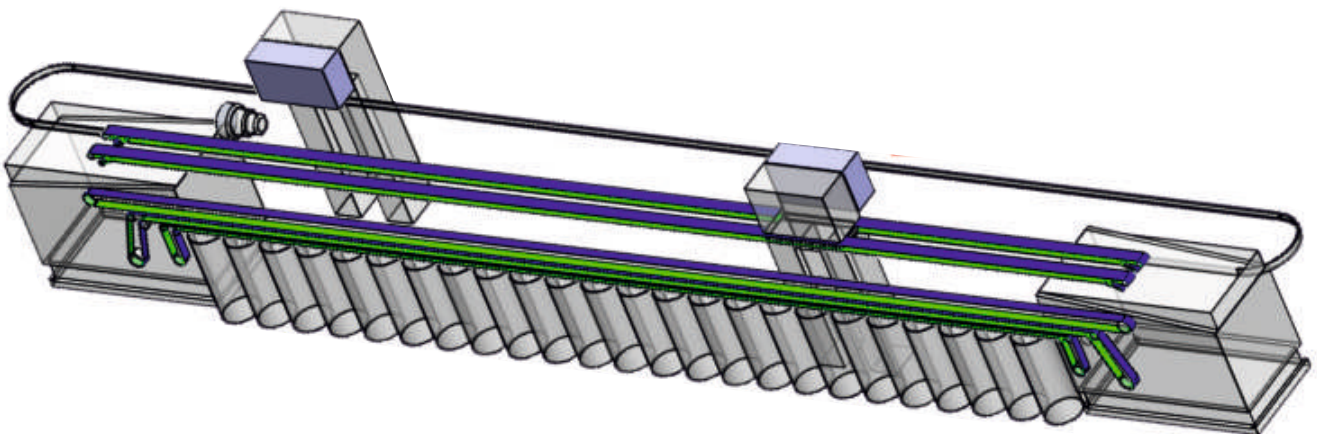
Open End spinning machines demands highest belt quality where the belts are subjected to maximum wear and tear. ELGITEX 'X' Series Tangential belts withstand all these serve working conditions and deliver maximum efficiency at very high rotor speeds.



Features

- Desired Rotor speed pickup
- Constant rotor speed
- Highly antistatic
- High abrasion resistance
- Constant Co-efficient friction

ELGITEX 'X' Series tangential belts are ideal for open end spinning machines. The belts are developed and tested in stringent working conditions. Highly oriented polyamide tension member and high tensile fabric combined with tough / abrasion resistant rubber coatings provides high standards of quality and reliability which completely satisfies the technical requirements of open end spinning tangential belts.



Application	Belt Grade	Thickness	K1% N/mm	Joint Type
Opening Roller/Rotor	GGX04RR	1.60	4.0	Overlap
	GGX06RR	1.80	6.0	Overlap
	GGX07RR	2.00	7.0	Overlap
	GGX09RR	2.40	9.0	Overlap
	GGX11.26GF	2.60	11.0	Overlap
	GGX11.26FRTW	2.60	11.0	Overlap
	GGX11.25RR	2.50	11.0	Overlap
	PEX1025	2.50	10.0	Finger
	PEX1825	2.50	18.0	Finger
Main Drive	PEX2530	3.00	25.0	Finger



An ISO 9001 Company

ELGI ULTRA PRIVATE LIMITED

India House, Trichy Road, Coimbatore - 641 018. Ph: 0422 - 2304141
E-mail: info@elgiultra.com Web: www.elgitex.com

