



## Complete Belting Solution

- TRACON CONVEYOR BELTS
- TRACON COIL WRAPPER BELTS
- NYTRAN FLAT BELTS
- TYMEX TIMING BELTS & PULLEYS
- BIGSPIN SPINDLES
- BATTERY GRID PASTE BELTS
- BELTPLAST MODULAR PLASTIC BELTING
- HEAVY DUTY BELTS
- TRAKPULL CATERILLAR BELTS
- NYTRAN TANGENTIAL & HI-TEMP BELTS

## Material Handling Systems

- BELT CONVEYOR
- PLASTIC MODULAR CONVEYOR
- SLAT CONVEYOR
- CHAIN, CHIP CONVEYOR
- SCREW CONVEYOR

## Industrial Automation



Quality | Cost-Efficiency | Longer Life | Service

COMPLETE BELTING SOLUTIONS



SWASTIK BELTING & CO.

## CONVEYOR & PROCESS BELTS

### PVC/PU/PE Conveyor Belts

**Swastik Tracon** Conveyor Belt covers wide range of Light Duty & Heavy-Duty applications.

- Material - PVC, PU, PE.
- Thickness - 0.8-9.0mm
- Plies - 1,2,3,4, Woven & Felt
- Color - White Green & Black
- Surface Pattern - Matt, Glossy, Inverted Dimond, Rough Top, Groove, Rhomboid, saw tooth, Felt, Horse shoe cleated etc.



INDUSTRIAL APPLICATIONS

### Cleated / Side wall Corrugated Belts

White / Green Cleats of different shapes like L, T with various size can be welded using specially designed tools as per end customer requirements. Ultrasonically welded pocket conveyor belts manufactured from state of art technology with Corrugated side walls can be supplied as per needs. Similarly tracking profiles to guide conveyors path can be fixed on underside or top -side of conveyor belts.



Marble & Tiles	Steel	Tobacco	Airport / Logistics	Food
Special dotted like hemispherical surface texture belts supplied by Swastik have better adhesion to workpiece, assuring the best downflow of water serving Marble, Granite & Ceramic tile polishing & conveying.	Special PU belts having higher shore hardness with good resistance to abrasion & cutting for CTL applications in sheet metal handling.	We offer ultimate solution for green leaf processing & secondary manufacturing stages. These belts cover FDA & Pyrolysis regulation.	We do offer extensive range of low noise, dimensionally stable FR & Non FR types converting all globally acknowledged safety parameters. Check-in, X Ray screening, Curved, Inclined, Accumulation, Sorting & loading belts are covered in our rang.	We offer special food Grade Belts with FDA & HACCP Concept & super flexible belts suitable for Nose Bar application.

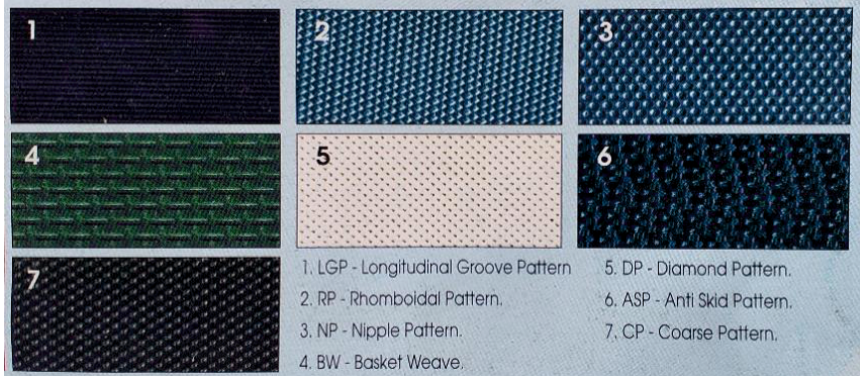
Technical Data of TRACON Conveyor Belts

Belt	Color	Material	No. of Ply	Thickness (mm)	Weight (kg/sq. MT)	5D Valve	Min Pulley Dia	Permissible Temp (*C)
EN-TB 5/1 0/2U MT	White	PU	1	0.8	1	4	6	-20 TO +90
EN-TB 5/1 0/2V MT	White, Green	PVC	1	1	0.85	5	6	-20 TO +90
EN-TB 6/1 0/2U MT	White	PU	2	1.5	1.65	6	6	-20 TO +90
EN-TB 8/2 0/V/0	Transp.	PVC	2	1.3	1.3	8	15	-10 TO +90
EN-TB 8/2 0/5V MT	White, Green, Black	PVC	2	2	2.2	8	25	-15 TO +90
EN-TB 8/2 0/4V CP	Black	PVC	2	2	2.1	8	25	-15 TO +90
EN-TB 8/2 0/15V LGP	Black	PVC	2	3.1	3.4	8	60	-10 TO +70
EN-TB 8/2 7V/8V DP	White, Green	PVC	2	3	3.4	8	70	-10 TO +70
EN-TB 8/2 0/30V ASP	Green	PVC	2	4.5	3.9	8	40	-15 TO +80
EN-TB 8/2 0/7V BW	Green	PVC	2	2.4	2.6	8	60	-10 TO +70
EN-TB 10/2 0/2U MT	Green	PU	2	1.5	1.6	10	14	-12 TO +70
EN-TB 10/2 0/ 12V MT	White, Green, Black	PVC	2	3	3.9	10	50	-15 TO +80
EN-TB 10/2 0/ 25V MT	Black	PVC	2	4	3.9	12	80	-10 TO +70
EN-TB 10/2 0/ 5E MT	White	POLYOLEFIN	2	2.6	2.6	12	60	-10 TO +70
EN-TB 15/2 0/ 10U MT	Black	PU	3	3.5	4	15	120	-20 TO +90
EN-TB 15/2 0/ 15U CP	Green	PU	3	3.5	3.5	15	120	-20 TO +90
EN-TB 35/2 0/ 25V NP	Green	PVC	3	7	8	35	400	-15 TO +80
EN-TB 40/4 0/ 25V RP	Green	PVC	4	9	10.3	40	500	-15 TO +80
EN-TB 20 10V/20U TEWB	Green	PU	7	7.2	-	40	140	-20 TO +90
N-TB NOVO250	Black	ELASTOMER	WOVEN	2.5	1.3	8	40	-10 TO +120
N-TB NOVO400	Black	ELASTOMER	WOVEN	4	2.2	8	70	-10 TO +120
N-TB NOVO600	Black	ELASTOMER	WOVEN	5.5	3.1	8	120	-10 TO +120
EN-TB 50/3 0/70 V ST	Green	PVC	3	11.5	10	50	350	-15 TO +80
EN-TB 50/3 0/70 V RT	Green	PVC	3	11.5	10	50	350	-15 TO +80
EN-TB 70/4 0/70 V RT	Green	PVC	4	12.5	11	70	450	-15 TO +80

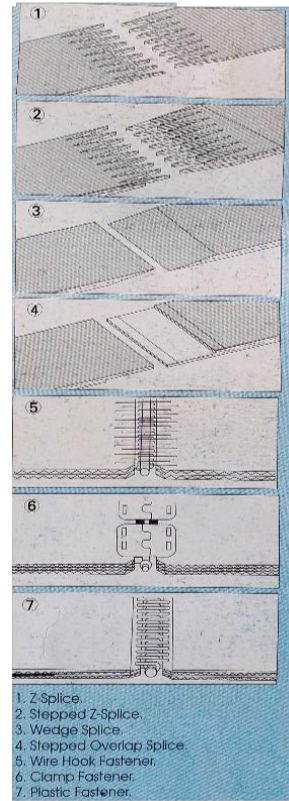
Types of Profile

Designation	Sizes b x h x (s) (mm)	Weight approx. (g/m)	a2 min (mm)	d min approx. (mm)	a1 min (mm)	d min approx. underside (mm)	d min approx. top face (mm)
K6	6 x 4 x 4	25	30	30	30	40	30
K10	10 x 6 x 6	60	30	50	30	70	60
K13	13 x 8 x 7.5	100	30	80	30	100	70
K15	15 x 8 x 9.5	120	30	90	30	100	80
K17	17 x 11 x 9.5	160	30	110	30	110	90
K30	30 x 10 x 18	180	60	180	50	230	180
T20	20 x 20	470	30	90	40		120
T60	70 x 60	160	100	150			
L60	33 x 60	1450	90	80			
L80	40 x 80	1200	100	140			
F20X3	20 x 3	75	30	70	30	70	50
F20X8	30 x 6	290	40	120	45	120	90

Top Face Pattern



Splicing Types



## Flat Transmission Belts

### A. ANYTRANS FLAT - Nylon Sandwich Belts

NYTRAN BELTS Cover a complete range from fractional KW to 2000 KW drives with nylon thickness ranging from 0.2mm to 4mm & laminated with friction converse leather high NBR. X NBR or Fabric.suitable for most required conditions. The modified P Line is based upon the earlier standard belt construction with a tension member of highly oriented polyamide single width sheets equipped with newer elastomer friction coatings Both faces are textured uniform making symmetric belt.

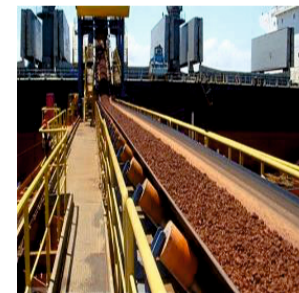
### B. NYTRAN TANGENTIAL - Polyester Cord Belts

The state of art innovative "E Line" sets new standards thanks to the high modular, thermoplastic tension member of polyester fabric cords. This combines the dual benefits of the polyamide sheet constructions, such as good damping properties & greater security against breakage with higher power transmission & small pulley diameters. The tension member design with its straight polyester warp threads provides a linear belt pull elongation ratio with high lateral tear strength & edge stability. The use of thermoplastic materials in the belt makes it possible to splice the endless simply with a flexible Z splice. The spice with uniform thickness guarantees long service life.

Type	Total Thickness	d in mm	Nominal Effective Pull N/mm width	Max. transmittable Pull	Weight kg/sq. MT	type	Total Thickness	d in mm	Nominal Effective Pull N/mm width	Max. transmittable Pull	Weight kg/sq. MT
LT 10	3	40	10	12.5	2.1	LL 6	4.4	40	6	7.5	3
LT 14	3.2	60	14	17.5	2.4	LL 10	4.6	50	10	12.5	3
LT 20	3.6	110	20	25	2.6	LL 14	4.8	70	14	17.5	3.2
LT 28	4	200	28	35	3.6	LL 20	5.1	120	20	25	4.2
LT 40	4.7	280	40	48	4	LL 28	5.6	220	28	35	5
LT 54	5.5	380	54	67.5	5.4	LL 40	6.2	320	40	48	6
LT 80	7	560	80	110	7.1						
GG 10P 19	1.9	30	10	12.5	2.1	E LINE					
GG 14P 21	2.1	50	14	17.5	2.3						
GG 20P 25	2.5	70	20	25	3.2	GG 20E 20	2	25	20	25	2.2
GG 28P 32	3.2	120	28	35	3.6	GG 30E 30	3	100	30	37.5	3.1

### Heavy Duty Rubber Conveyor Belts

These conveyors find application in airports, shipyards, thermal plants, construction, mining, processing and various other industries. We have specialization in offering these heavy-duty belts in both standard and customized specifications.





### Timing Belts & Pulleys

TIMEX range from SWASTIK covers world's most widely used & highest quality Timing Belts with SWASTIK Timing Pulleys & other belting products, are offered of the shelf.

The following features are available,

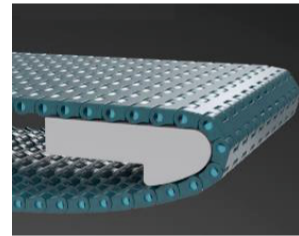
- Products-
  - Linear or Endless joint Torque (Real Endless)
- Pitches
  - Metric Pitch: T10, T20, HTD8M, HTD14M, Inch Pitch: L, H
- Tension Cords-
  - Stainless Steel, Kelvar
- Pitches-
  - Nylon Fabric on Tooth side (PAR)
  - Nylon Fabric on Back Side (PAZ)
  - Nylon Fabric on Both Sides (PAR/PAZ)



### Plastic Modular Belts

SWASTIKBELT PLAST range are specially imported Plastic Modular Belts which are moulded with technical plastics, forming a structure of injected pieces, interlaced in a very high advanced design, whose configuration makes it an ideal support for conveying food and industrial products. They constitute an advanced solution to many of the problems that the conventional conveyor belts have.

- Better answer to aggression of Chemical agents
- Minimum friction coefficient, without need of lubrication
- Due to their low weight, the necessary support features are light. being the motor equipment needed of lower power and having as result a reduction in energy and costs.
- The drive system is made by means of plastic sprockets obtaining thus a positive drive that eliminates the risk of drums, sliding, side movements, wear etc.

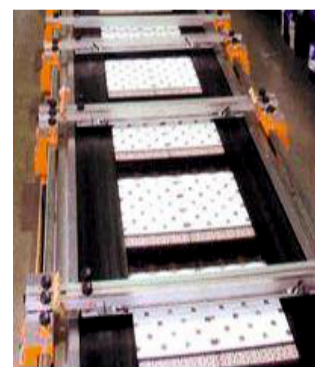


### Coil Wrapper Belts

SWASTIKBELTS has proud privilege of dealing with steel industries in India.

### Textile Printing Blankets

TRACKON TEXTILE PRINTING BLANKETS for For Bed & Rotary printing machines are new generation IPU Blankets. SWASTIK presents this blankets specially imported from SAMPLA BELTING Italy.



### **Battery Grid Pasting Belts**

We offer new generation Polyester Fold Battery Pasting Belts for God Pasting Machines used in Automotive an industrial Battery manufacturing unit.



This TRULY ENDLESS BELT mainly constitutes of following 3 layers

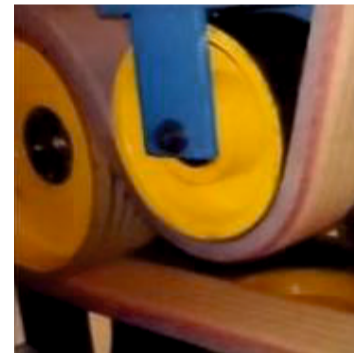
- Outer covering layer formed by muti strata of non-woven webs consisting of synthetic staple fibers & fight woven meshes.
- Middle layers constituting of 7 piles of truly endless woven fabric acting as a tension membrane of belt.
- Bottom layer of 3mm coating of PVC layer enhances traction.
- Thickness of Bet-8.50mm & 9,50 mm.

### **Caterpillar Belts**

TRAKPULL Belts are imported from globally acknowledged supplier of TRULY ENDLESS CATERPILLAR BELTS.

Our TRAKPULL range is specially designed for cable pulling & offers

- Polyester or Aramid continuous yarns for a fabric construction provides superior force-elongation & excellent track properties
- Special wear flying resistant edges
- Wide range of wear resistant coven smooth or with grooves
- No splice therefore constant thickness rising in excellent running properness & constant speed
- Very good resistance to oils & Plasticizers.



### **High Temperature Felt Belts**

SWASTIK ALU-EX HI-TEMP BELTS manufactured exclusively for DUPONT Nomex Rozes motodrom allowed more o TRULY ENDLESS FELT BELT FOR ALUMINIUM EXTRUSION INDUSTRIAL APPLICATIONS.

The tenion member normally used in felt belts are

**Kevlar K, Nomex N, Polyester P.**

The fiber constructions for felt belts are

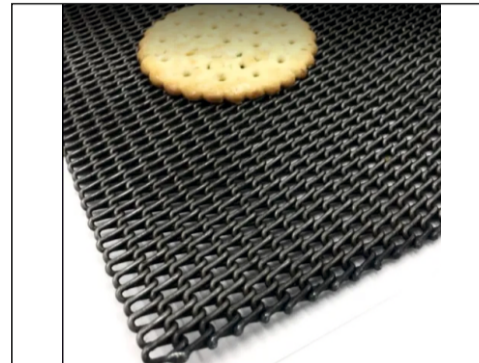
**Zylon PBO, Kevlar K & Kevlar Carbon-KC. Nomex N, Polyester P & with Silica Resin Treatment**



### 1) BISCUIT OVEN WIRE BAND (Z-47 WIRE BAND) OVEN WIRE BAND (Z-47 ARTICULATED WIRE BAND)

is one of the most widely used conveyor belts for biscuit baking, crackers and rotary molded products. We design the belts to meet the specific requirements of biscuitmakers; the belts are long lasting, provide good heating and airflow to the biscuits and are also easy and quick to maintain. Specifications:

- Available in 2 sizes: Pitch: 8.5mm  
Bore: 6.25mm Pitch: 8mm  
Bore: 5.5mm Wire dia: Available in 1.4mm to 1.6mm  
Material: MS (JSW, TATA), SS, GI Edges: Welded and non- Welded (AS PER REQUIREMENT).



### 2) COMPOUND BALANCED WEAV COMPOUND BALANCED WEAV

is a type of belt where left hand and right hand spirals are fitted closely together for a smooth, dense weave.

These are the most universal belts which are ideal for almost any product and in any requirement

- 25% more Carrying surface
- Greater belt stability
- Truer tracking
- Can be assembled with rods and chains These are a class of conveyor belt which is further categorized with different names as per the Pitch and Bore size.



### LK-6 (STIPPER BELT)

- Available in: Pitch: 9mm | Bore: 12.5mm  
Pitch: 9mm | Bore: 22mm Pitch: 12.5mm | Bore: 16mm-20mm  
(CAN ALSO BE MADE AS PER REQUIREMENT) Wire dia: 0.90mm to 2mm  
Material: MS, SS(ALL GRADES), Galvanized Steel  
Application: Packing and moving industries, cooling, heating, Oil spray, ceramic coating, fiber glass curing etc.

### LK-4 TYPE BELT

- Available in: Pitch: 5mm | Bore: 8mm Pitch: 6mm | Bore: 16mm-20mm  
(CAN ALSO BE MADE AS PER REQUIREMENT) Material: MS, SS(ALL GRADES), GI STEEL
- Wire dia: 0.9mm to 2mm Application: Packing and moving, baking, load carrying etc.

### LK-3 TYPE BELT

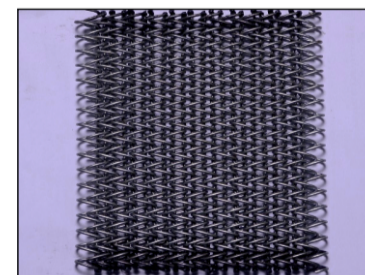
- CAN BE MADE AS PER REQUIREMENT
- Material: MS, SS (ALL GRADES), GI STEEL
- Wire dia: 0.9mm to 1.2mm Application: Packing and moving industries, baking, small sized munchies, load carrying, pharmaceutical industry, pilot project for paddy/rice, battery cell heat treatment etc.

### 3) DOUBLE LOCK CONVEYOR BELT

1 creamped wire passes through

2 spirals and provides good load carrying abilities.

- CAN BE MADE AS PER REQUIREMENT Material: MS, SS(ALL GRADES), GI Wire dia: 0.9mm to 2mm Application: Packing and moving, load carrying etc.

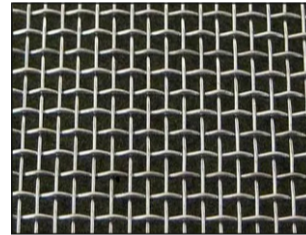
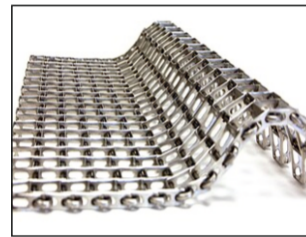
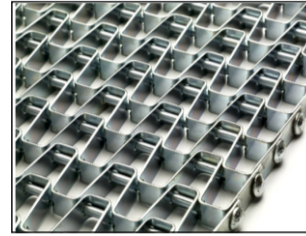


#### 4) CHAIN LINK BELT

It is the simplest and economical design in metal mesh belts, interwoven by two spiral wire or coil wire, we often call it CHAIN LINK BELT because of its big opening and flexibility, it is often used in drying and cooling application, and suitable for light-weight shipping.

- Friction driving.
  - High opening, suitable for air circulation.
  - Light- weight.
  - Available in: Pitch: 1" to 3"
- (CAN ALSO BE MADE AS PER REQUIREMENT)

- Wire dia: 0.90mm to 2mm.
  - Material: GI, MS, SS(ALL GRADES)
- Application: Fencing, farming (vegetable filtration), cooling.



#### 5) DUPLEX

These are manufactured using carbon steel or stainless steel wire coils meshed into one another with cross rod to obtain a weave which gives a flat surface.

- Material: MS, SS.
- Available in Size: 0.90mm – Spiral  
1.20mm – Cross rod.

Application: Load carrying and small sizes munchies.

#### INDUSTRIES WE SERVE

- Airport Baggage
- Bagged Cement
- Bread & Biscuits
- Cigarettes
- Fruits & Vegetables
- Motor Car Parts
- Pharmaceuticals
- Soaps & Detergents
- Sugar, Tea & Coffee
- Tiles
- Tray & Tool parts
- Aluminum Sections
- Books & Magazines
- Cheese & Snacks
- Tobacco
- Glass
- Newspaper
- Sheetmetal's
- Steel
- Textiles
- Tin Containers
- Airport & Logistics
- Asbestos Sheets
- Boxes & Packets
- Chocolate bars
- Fertilizer Chemicals
- Marbles & Granites
- Parcels
- Shrink Packs
- Stones
- ThermoFlask
- Tobacco Leaves
- Tyre & Rubber or any light duty Products



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