



LIGHT DUTY BELT CONVEYOR AND PROCESS BELT

STANDARD INDUSTRIAL INC.

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Light Duty Conveyor & Processing Belt

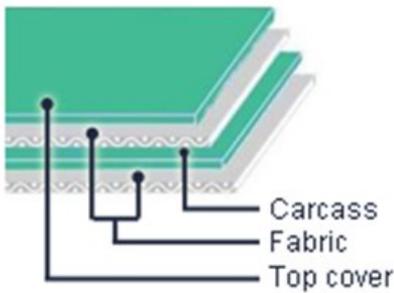
DESCRIPTION

Application: Suitable for almost all the industries under roof.

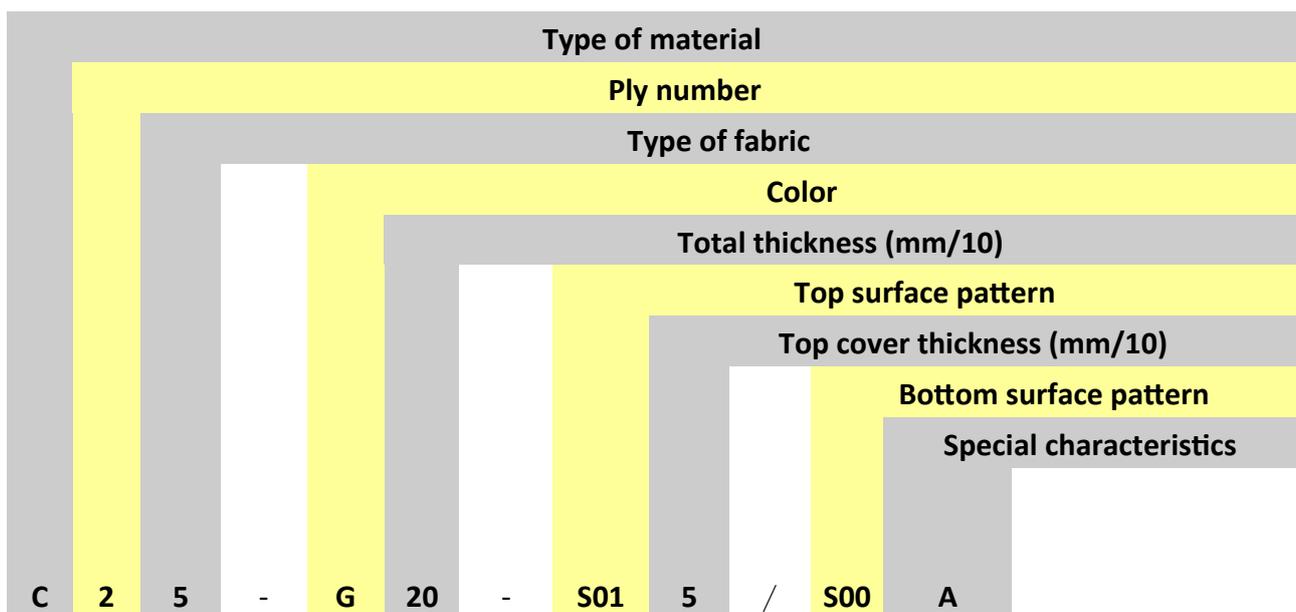
Fabric Carcass: Polyester, Nylon, Cotton, etc.

Surface Coating: PVC, PU, PE, TPE, etc.

Maximum Production Width: up to 4000 mm (157.480 inches)



EXPLANATION OF BELT CODE



Type of material:

C	PVC
U	PU (polyurethane)
E	PE (polyethylene)
T	TPE polyethylene (Hytrel®)
S	Silicon
P	polyamide

Type of fabric:

0	Polyester spun, strong structure
1	Polyester multifilament
2	Polyester monofilament, with lateral stability, strong structure
3	Polyester / Cotton
4	Polyester spun
5	Polyester monofilament, with lateral stability
6	Cotton
7	Polyester multifilament, heavy construction, with lateral stability
8	Polyester multifilament, heavy construction
M	Felt

Code of color:

T	natural/transparent
G	green
W	white
B	black
GR	grey
R	red
BR	brown
P	petrol
BL	blue
O	orange

Special characteristics (material):

O	Oil resistant
F	flame resistant
C	Conductive($10^5\Omega$)

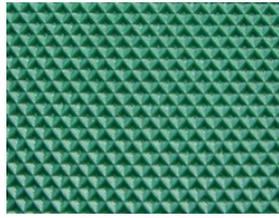
Special characteristics (fabric):

A	Anti-static carbon fiber
D	Low noise fabric
I	Impregnated fabric
G	Extra rigid fabric (Latitudinal thicker)
L	Low shrink rate fabric (Longitudinal stronger)

SURFACE PATTERNS



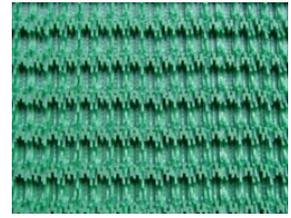
0# Matt
General



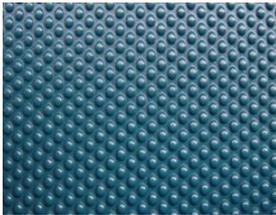
1# Diamond
Logistic/Food



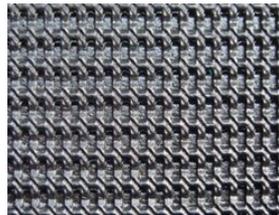
2# Rough Fabric
Logistic/Food



3# Grip Top
Logistic/Airport



4# Round Nipple
General



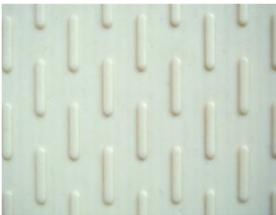
5# Coarse Texture
Logistic/Treadmill



6# Saw Tooth
Food



7# Golf
Logistic/Treadmill



8# Long Stud
Tabaco



9# Wavy Super Grip
Logistic/Airport



10# Staggered Herringbone
Agriculture



11# Crescent
Food



12# Mini Grip
Logistic/Treadmill



13# Square 20mm
Wood processing



14# Fishbone
Wood/Fish processing



15# Small Golf
Stone processing



16# Latitudinal Fishbone
General



17# Shallow Diamond
Logistic/Treadmill



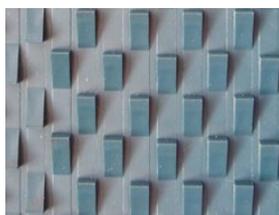
19# Longitudinal Rib
Logistic/Airport



20# Leather
Treadmill



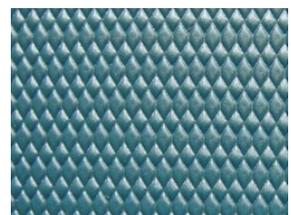
21# Big Square 60mm
Airport



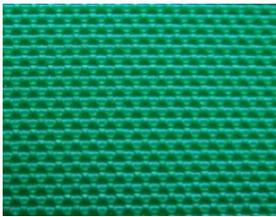
22# Tooth one direction
Stone processing



23# Lattice
Logistic/Airport



24# Low Grip
Stone processing



25# Smooth Fabric
General



26# Staggered Stud
Tabaco



27# Capsule Stud
Wood processing



28# Small Rhombus
General



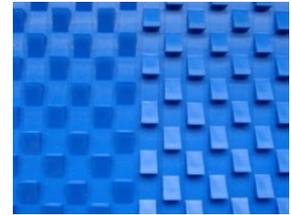
29# Sandblast
Logistic/Treadmill



30# Cross Rib
Wood processing



31# Rough Matt
General



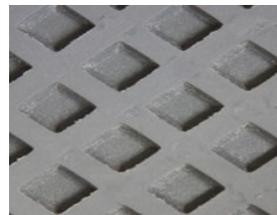
32# Tooth two direction
Stone processing



33# Small Diamond 1mm
Food



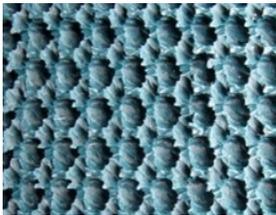
34# Fine Matt
General



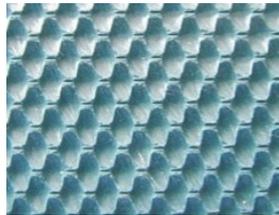
35# Grinding Square
Wood processing



36# Rice
Food



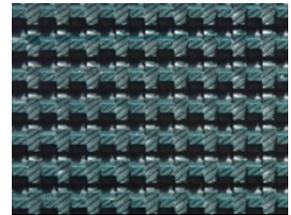
37# Supper Grip Fabric
Logistic/Packing



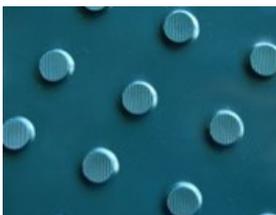
38# Mini Grip Fabric
Logistic/Airport



39# Y Pattern
Stone processing



40# Supper Grip
Logistic



41# C Round Stud
Tabaco



42# T Round Stud
Tabaco

CUSTOMIZED PATTERNS:



PU Solid Woven
Leather/Metal cutting



ZipLink
Easy & Fast Splicing



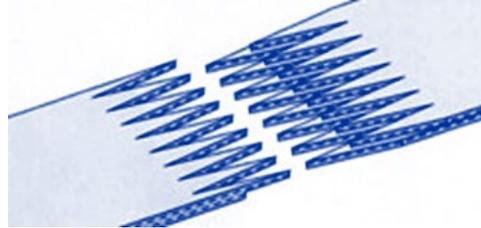
Kevlar Fabric
*High strength, low elongation
Wood chips conveying*

JOINT METHODS

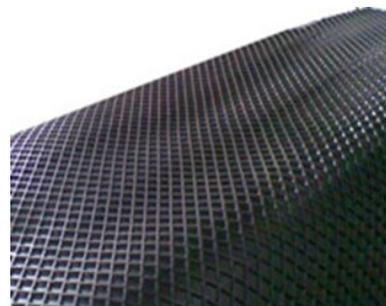
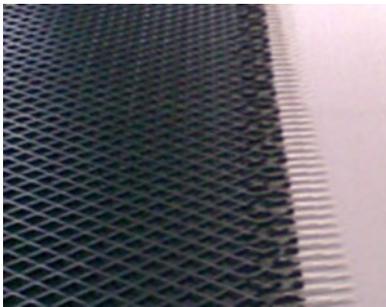
Z Splice (*finger joining*)



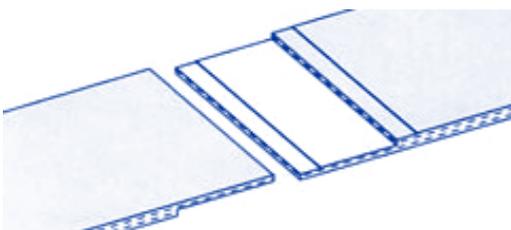
Single finger joint



Double finger joint



Over Lap Joint



PVC Interwoven Belt



PVC Interwoven Belt offers high service yield and is the best value for general conveying of most food and package handling applications.

Carcass Range:

The single ply interwoven polyester construction provides a superior tear and gouge resistant carcass with the following allowable tension ratings in pounds per inch (Width) : 100 PIW, 120 PIW, 150 PIW, 200 PIW

Surface Patterns:

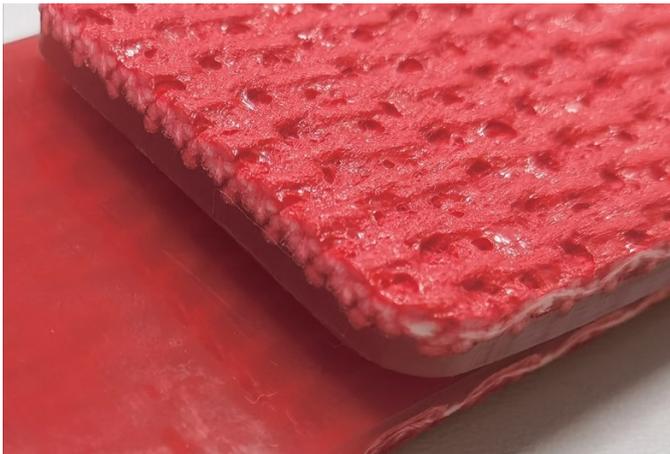
Smooth, Crescent Top, Rough Top, Chevron Top, Friction Surface, Brushed, etc.

Maximum Production Width: 78 INCHES, or 2000MM

Application:

- Packaging handling
- Inclines
- Parcel / Letter transporting
- Bulk materials
- Portable loaders
- Elevator belts
- Fruit / Vegetable packing
- Airport terminals
- Distribution centers
- Fertilizers
- Harvesting equipment
- Food processing
- Pharmaceuticals

PU Interwoven Belt



Polyurethane is a polymer composed of organic units joined by urethane links.

Woven polyester fabric layers with a coating of polyurethane provide an excellent means of conveying products in the most exacting processes.

- Exceptional oil and fat resistance for most demanding food processing applications
- The ideal choice for more critical industrial applications;
- High abrasion resistance and resistance to surface cracking = durability and flexibility;
- Tolerates the smallest diameter rollers;
- Numerous styles with a wide variety of hardness, grip, color, strength and thickness;

Characteristics:

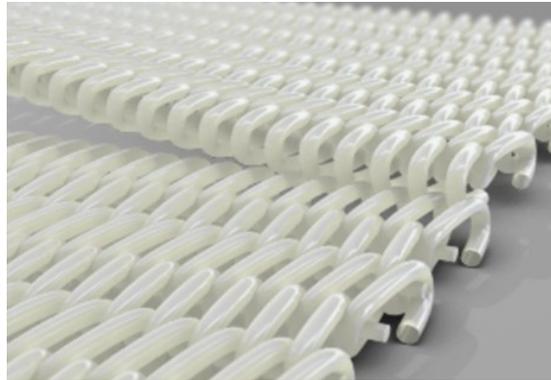
- * **Working Tension:** 120PIW
- * **Color:** Red
- * **Compound:** Urethane
- * **Carcass:** Interwoven
- * **Top Surface:** Cover
- * **Bottom Surface:** Urethane Brushed
- * **Total Thickness:** Customized
- * **Elongation at 10%:** 18N/mm
- * **Minimum Pulley Diameter:** 120mm
- * **Temperature Range:** -20~80°C
- * **Maximal Width:** 4000mm
- * **Oil Resistant:** Yes
- * **Endless Splice:** Hot Vulcanizing, Belt fastener



ZipLink belt

In every industry machine downtime is public enemy number 1.

ZipLink is the ultimate solution to drop expensive machine downtime and improve performance and quality output, which can be installed in minutes on the large majority of equipment without the need of specialized labor or external service.

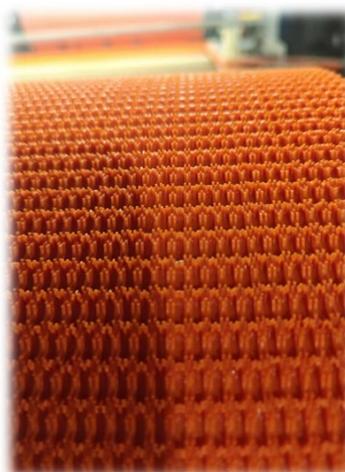


Feature:

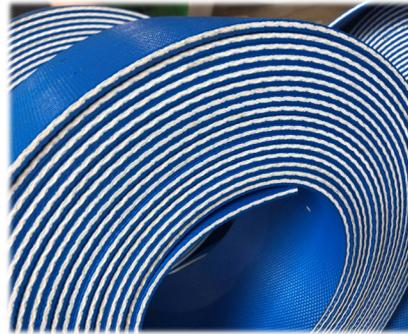
- Reliable, effective, and adaptable solution for belting applications.
- Remove any potential weak spots, being more durable than seamed or fused method. Even after repair, the belt remains as strong as original belt.
- Avoid fasteners that could damage the product, making safer and more independent of external services for the on-site splicing.
- Meet the needs of multiple applications in many segments, such as Corrugated board, Wood, Insulation, Logistics, Tyre, Ceramics...
- Breakthrough in belting design that combines with a structured spiral link mesh that can be easily spliced at any length into a continuous belt without the need for special tools, presses or other equipment.

Benefits:

- | | |
|--------------------------|------------------------------------|
| * Fast Installation | * Low Friction Bottom Side |
| * Reduced Downtime | * No Weak Joints |
| * Choice of Top Conveyor | * No damage to machinery and goods |



PVC Solid Woven Elevator Belt



FEATURES

- Tight woven polyester carcass co-extruded with high quality PVC covers.
- Special designed surface increases the friction between belt and elevator pulley to reduce belt deviation.
- Good resistance to flame and abrasion, and anti-static
- Resistance to oils, grease, chemicals, corrosion, and mildew.
- Ideal for using in grain handling applications.
- No belt delamination occurs under normal operating conditions.

TECHNICAL INDEX

Model	Color	Tensile Strength (N/mm)	Thickness (mm)	Elongation @ rated load (%)	Min. Pulley Diameter (mm)
PVC230	Blue White Black	400	5.0	≤ 4.0	300
PVC400		700	6.2		400
PVC520		900	7.8		500
PVC640		1100	8.8		700

Item	Unit	Value
Tensile Strength	MPa _≥	15
Adhesion Strength (Cover to Carcass)	N/mm _≥	4.5
Elongation at Break	% _≥	300
Abrasion Loss	mm ³ _≤	100
Oil Resistance (Volume change rate)	% _≤	20
Acid and Alkali Resistance (Volume change rate)	% _≤	6
Average Flame Duration	s _≤	6
Electric Conductivity	Ω _≤	3X10 ⁸