

LOGISTICS

PRODUCTS FOR PACKAGE HANDLING



RAGCO



FEATURES



Low Running Noise



Energy Efficient



Impact Resistant



Anti-Static Material



Flame Retardant

FLEXIBLE

SOLUTIONS

The surge of e-commerce has sparked new developments in logistics, distribution and warehouse technology.

Conveyors that used to only handle bulk shipments are now moving products of all shapes and sizes. Modern conveyors need the flexibility to handle individual items while also meeting consumer demand for quick turnaround.

Reducing lead times requires high quality, reliable conveyor belting solutions. Adaptability gives modern belts an edge by allowing one conveyor to fill multiple roles.



TELESCOPIC LOADERS

CROSS-BELT SORTERS

INCLINE BELTS

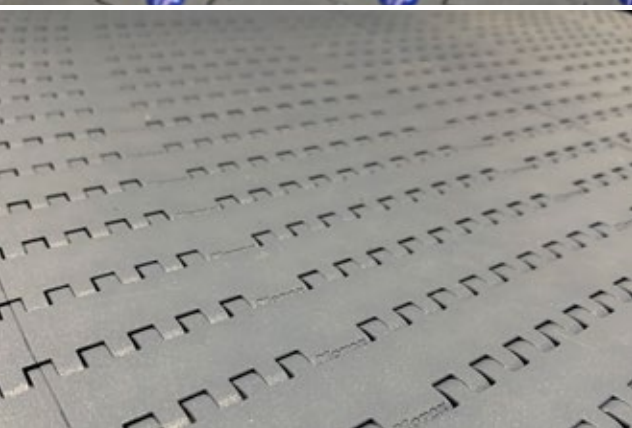
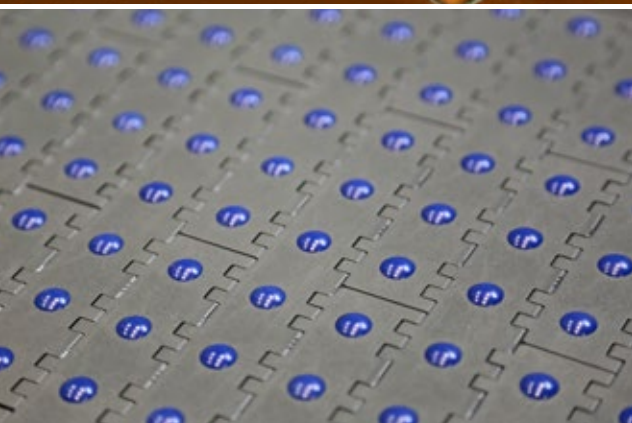
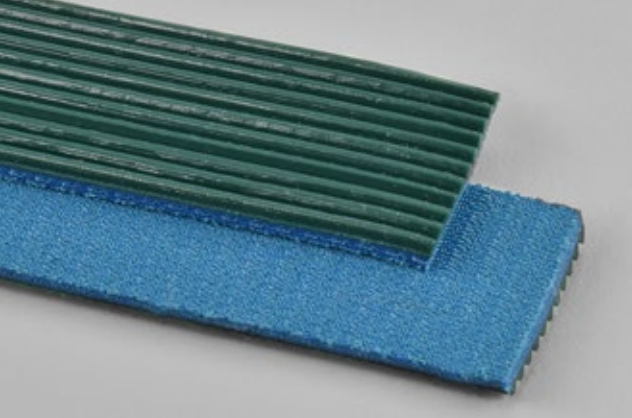
ACCUMULATION

HORIZONTAL CONVEYING

POWER TURN (PROTURN)

With proper planning, your conveyor belts can move polybags as easily as flat boxes. It all comes down to having the right belts for the job.

For 50+ years, we have been developing belts for increasingly complex logistics applications through real-world experience. Our power turn belts, roller belts and plastic modular belts all represent opportunities to increase productivity and improve accuracy in the ever-changing world of logistics. We deliver solutions that keep your business moving forward.



Our In-Stock Inventory

We have the belts you need, in-stock, ready to be cut or assembled to your specifications and shipped to you quickly.

Motor Driven Roller Belts

ProTurn[®]

Live Roller Belts

Movex[®] 553 FlexTop

Movex[®] Zero Contact Curve

*Scan to find your nearest
Ragco affiliate*



Motor Driven Roller Belts (MDR)

MDR belts help create proper spacing between packages as they move through sorting systems. These belts are designed to work on systems with no take-up adjustment.

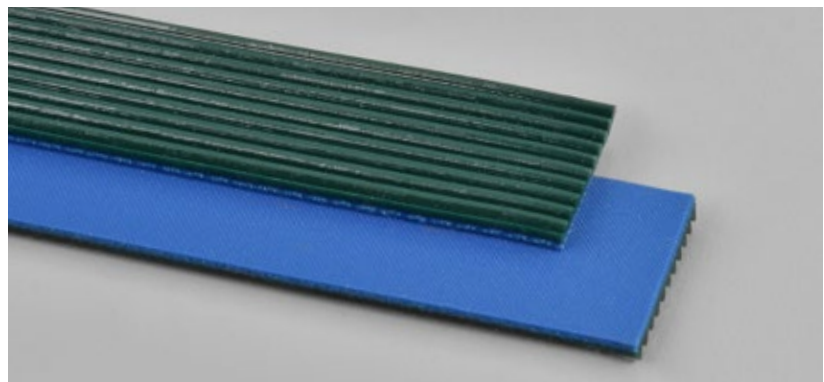
The belts are available with a variety of surfaces that offer different degrees of friction, including longitudinal ribs, mini rough top and taffeta. Driving side surfaces range from structured PU to knit fabric. MDR belts are finger spliced endless for strong bonds and extended belt life.

Catalog #	
TA12-BK	
Top Surface	Bottom Surface
Transparent TPU Taffeta	Black TPU Textured



Thickness	Tensile Strength	Min. Pulley Diameter	Standard Elongation	Anti-Static
1.2 mm	25 N/mm	25 mm	5%	Yes

Catalog #	
SNTC-RB20B	
Top Surface	Bottom Surface
Green TPU Longitudinal Groove	Blue TPU Taffeta

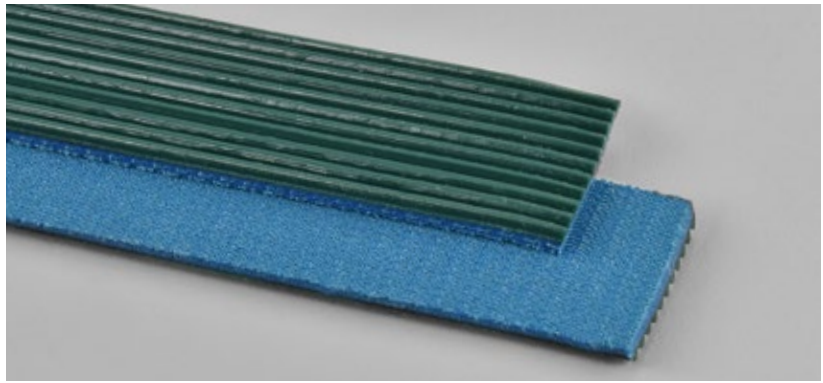


Thickness	Tensile Strength	Min. Pulley Diameter	Standard Elongation	Anti-Static
2.0 mm	15 N/mm	25 mm	5%	Yes

Catalog #

SNTC-RB22A

Top Surface	Bottom Surface
Green TPU Longitudinal Groove	Blue Knit Fabric

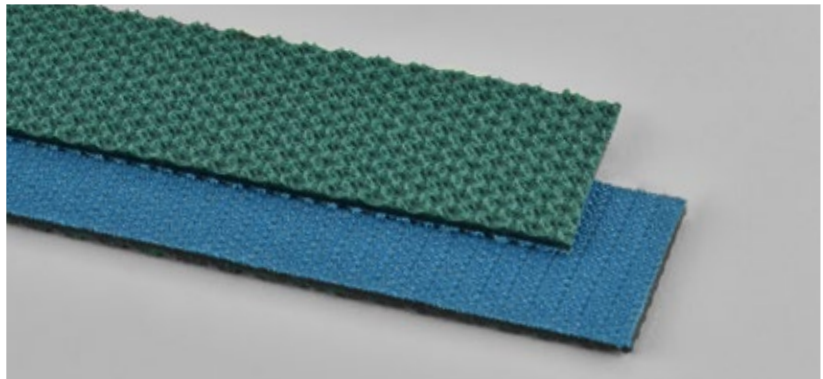


Thickness	Tensile Strength	Min. Pulley Diameter	Standard Elongation	Anti-Static
2.25 mm	15 N/mm	25 mm	5%	Yes

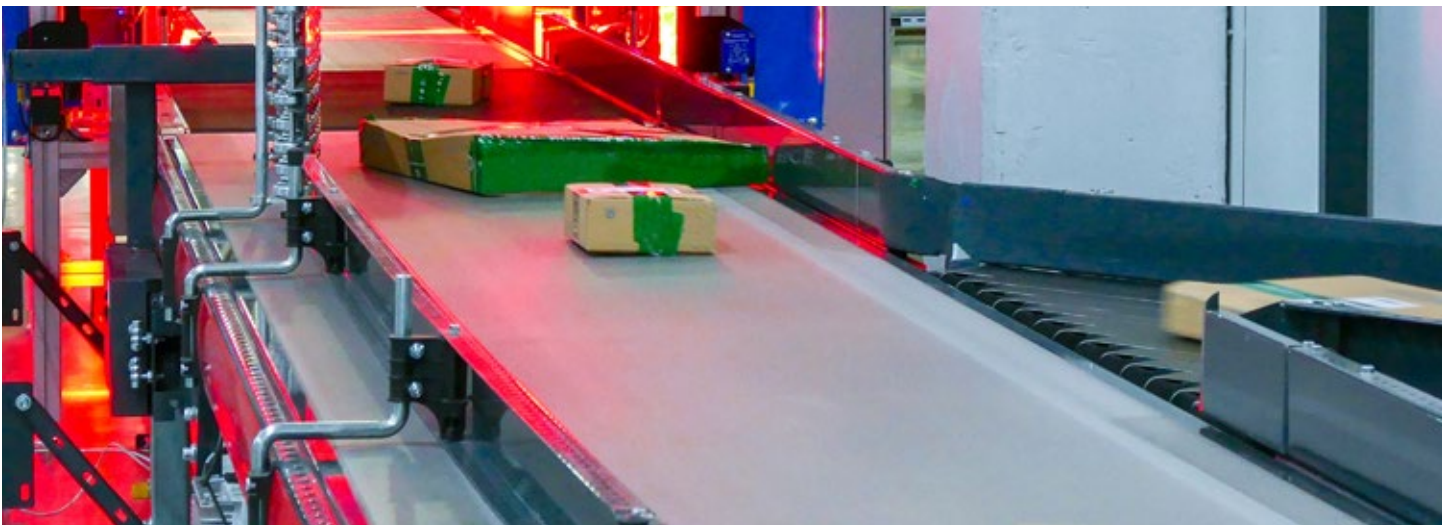
Catalog #

SNTC-TW18A

Top Surface	Bottom Surface
Green TPU Mini Rough Top	Blue Knit Fabric



Thickness	Tensile Strength	Min. Pulley Diameter	Standard Elongation	Anti-Static
1.8 mm	15 N/mm	20 mm	5%	Yes





ProTurn® power turn belts outdo industry standards with improved belt life and increased performance.

CHAIN GUIDE BELTS

URETHANE GUIDE BELTS

BEARING GUIDE BELTS

DISTRIBUTION BELTS

POWER TURN BELTS

ProTurn® replacement belts are fabricated to your customers' exact specifications with all guidance hardware installed. Belts for 45°, 90°, 180° and spiral lift applications include either chain, urethane bead, or bearing/wheel guide systems attached and ready for service.



We offer a food grade option on all power turn belts. Applications include a variety of FDA regulated environments including wash-down and steam cycles. Our nickel-plated carbon chains and grommets are paired with stainless steel rivets and washers — a high-quality combination without the price tag.



High speed operations and strict safety standards are a way of life for facility managers at airports and around-the-clock package sorting facilities. When faced with a choice of endless conveyor belt options, distributors can be certain we stock an excellent selection of high performance products.



AIRPORTS



WAREHOUSE & DISTRIBUTION



PACKAGING & SHIPPING



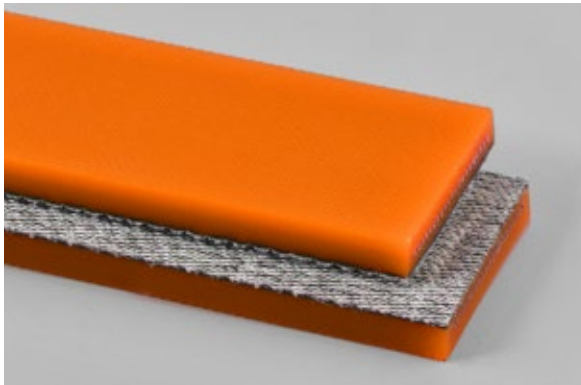
FOOD PROCESSING

Live Roller Belts (LRB)

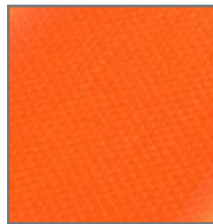
Live roller belts are used on belt under roller style conveyors that move boxed products over distances of 300+ feet in distribution centers.

LRB-50 is orange in color and designed to be finger spliced endless. Elongation of the belt is controlled by high strength aramid cords that are encased in urethane.

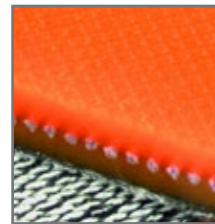
- **High Load Capacity**
- **Easy to Finger Splice**
- **5mm Thick x 45mm Wide**



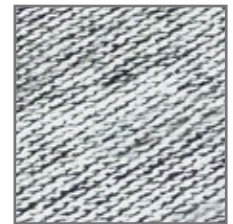
Textured
Orange TPU



High Strength
Aramid Cords



Knit Fabric
Bottom Surface



Catalog #	Thickness	Tensile Member	Tensile Strength	Min. Pulley Diameter	Standard Elongation	Anti-static	Top Surface	Bottom Surface
LRB-50	5 mm	Aramid Cords	500 N/mm	110 mm	0.5%	Yes	Orange TPU	Knit Fabric

The logistics industry moves millions of packages every day...

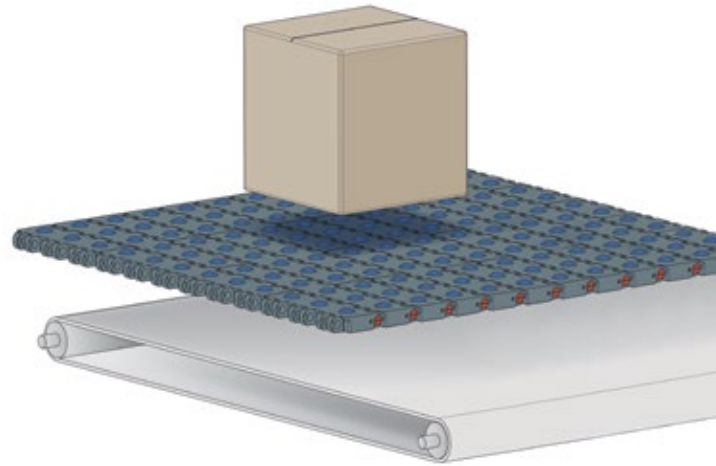
Logistics Belts

Catalog Number	Description	Flame Retardant	Horizontal Conveyor	Accumulation	Incline / Decline	Gapper / Accelerator	Power Turn	Live Roller	Motor Driven Roller	Telescoping Conveyor	Box Taper
SNTC-RB20B	GREEN LR PU X BLUE TAFFETA PU					●	●			●	
SNTC-RB22A	GREEN LR PU X BLUE KNIT FABRIC					●	●			●	
SNTC-TW18A	GREEN MRT PU X BLUE KNIT FABRIC					●	●			●	
TA12-BK	CLEAR TAFFETA PU X BLACK FI PU		●				●			●	
LRB-50	ORANGE FI PU / ARAMID CORD / FABRIC								●		
92	PVC 120 BLACK FS X BR FR	●	●	●				●			
95	PVC 150 BLACK FS X BR FR	●	●	●							
98	PVC 200 BLACK FS X BR FR	●	●	●							
116	E10/2 0/V40RT GREEN NA					●					●
116J	E10/2 0/V37 JRT GREEN QW NA					●					●
54FR	2 PLY 150 BLACK RT x B FR	●				●		●			
138	2 PLY 160 BLACK LI x B FR	●				●		●			
104C	E10/2 0/V0 BLACK QW AS FR	●	●	●							
107ASB-FR	E8/2 U0/V5 BLACK M QW AS FR	●	●								
111A	E8/2 0/V5 GREEN G AS			●							
118A	E5/1 0/V8 LG BLACK AS					●	●				
118FR	E10/2 0/V14LG BLACK QW AS FR	●				●	●				
118R	E14/2 0/V45 LG RED AS					●					●
139A	NW 25 BLACK HC			●	●						
139B	NW 40 BLACK HC			●	●				●		●
140BBS	NW 150 Black RMV F X F FR	●	●						●		●
140FBS	NW 150 BLACK PVC F X F FR	●	●	●					●		●
140HMSD	NW 150 BLACK RMV SB X F FR	●	●						●		●
140LR	NW 25/1 V0/V13 BLACK LR FR	●				●					●
140MFO	NW 250 BLACK SB X FS FR AS	●	●						●		●
140RT	NW 25/1 V0/V29 BLACK RT FR	●				●					●
141Q	NW 120 HM X F BLACK FR	●	●						●		●
304MFR	2 PLY 90 MONO SBR BARE X BARE FR	●	●	●							
304QFR	3 PLY 200 MONO QW X QW FR	●	●	●							
133	2 PLY POLY 69 BLACK PVC IP AS FR	●						●			
133D	2 PLY POLY 69 BLACK PVC ID AS FR	●						●			
134	2 PLY POLY 69 BLACK PVC AS FR	●						●			
134HD	2 PLY POLY 65 BLACK PVC AS FR	●						●			
134M	2 PLY POLY 69 BLACK PVC MATTE AS FR	●						●			
134SG	2 PLY POLY BLACK PVC SAND GRIT AS FR	●						●			

553 FLEXTOP

Movex®

The Movex® 553 FlexTop uses a closed sliding surface and self-locking spheres for high-precision material handling. Different belt configurations can utilize the small pitch between each sphere for diverting, rotating, accelerating or accumulating applications.



BENEFITS OF FLEXTOP

- High strength
- Perfect product control
- Self-cleaning
- Great versatility
- Long durability
- Reduced downtimes

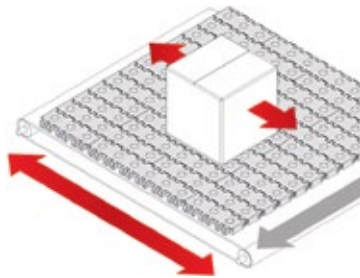


553 FLEXTOP

Part #	Size	Description
553027****A	3" increments up to 117"	High-precision material handling 360° movement for different applications Corrugated stacking with 3 exit directions

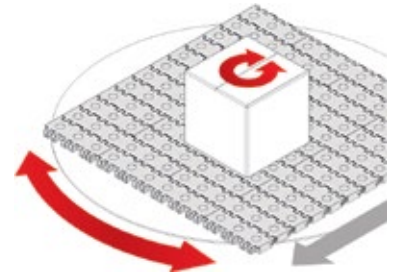
DIVERTING

By using a directional belt underneath the FlexTop belt, running square to the travel direction, the product can be transferred left and right.



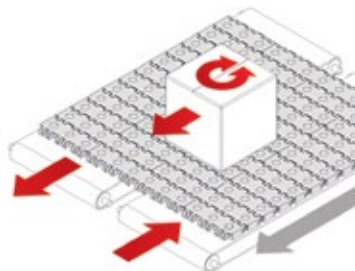
ROTATING

By using a rotating plate underneath the FlexTop belt, spheres can rotate 360°. This option can be used with product stopped or running on the belt, to easily position the product.



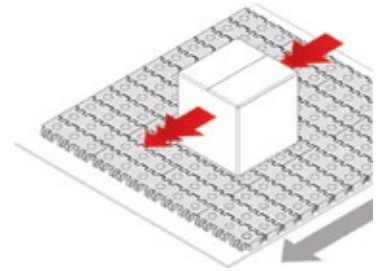
DYNAMIC ROTATING

By using two auxiliary belts underneath the FlexTop belt, running at opposite directions, the product will start rotating. With this option, the FlexTop belt can keep running.



ACCELERATING

By using a static plate underneath the FlexTop belt, the spheres will start rotating independently, so the speed of the product will result in double the speed of the belt by itself.



ACCUMULATING

By leaving the spheres to move freely, the FlexTop belt is ideal for accumulation systems, reducing the friction of the product and the energy consumption of the line. This system can be easily integrated with any of the above combinations.



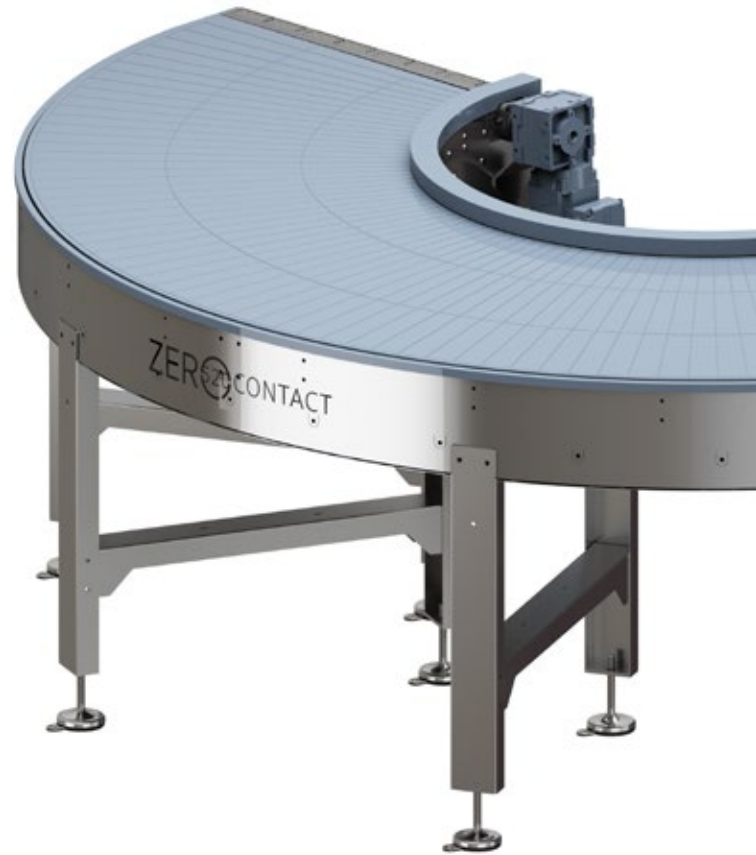
ZERO CONTACT

The Movex® Zero Contact Curve can be built with stainless or carbon steel construction and is available in multiple widths, radiuses and 90° or 180° configurations.

Its compact size makes the Zero Contact Curve a space saving solution for all your material handling needs.

BENEFITS OF ZERO CONTACT

- High speeds & large loads
- Saves floors space with tight turn radius
- Streamlined maintenance & repair
- Economical curve replacement
- Design eliminates finger pinch points
- Full product support reduces damage
- Quiet operation
- Handles unstable products



	Zero Contact	Zero Contact Pro	Zero Contact S
Inner Radius	600mm - 2000mm	586mm - 1541mm	600mm - 2000mm
Belt Width	200mm - 1600mm	249mm - 1034mm	200mm - 1600mm
Material of Modules	Acetal (POM)	Polyamide glass fiber reinforced (PA)	Acetal (POM)
Pins	PBT White	Stainless steel	PBT White
Pin Lock	Clips	Stainless steel grub screw	Clips
Frame	Stainless steel	Stainless steel	Painted steel RAL 7031 or custom
Temp. Range: Dry	-40°F - 176°F	-22°F - 212°F	-40°F - 176°F
Temp. Range: Wet	-40°F - 149°F	N.A.	N.A.
Max. Working Load	13.500 N/m belt width	19.000 N/m belt width	13.500 N/m belt width
Curve Angle	15° - 360°	15° - 360°	15° - 360°



RAGCO.COM



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RAGCO HEADQUARTERS

311 Point North Place
Suite 6
Dalton, GA 30720



800.543.9265
ragco.com

