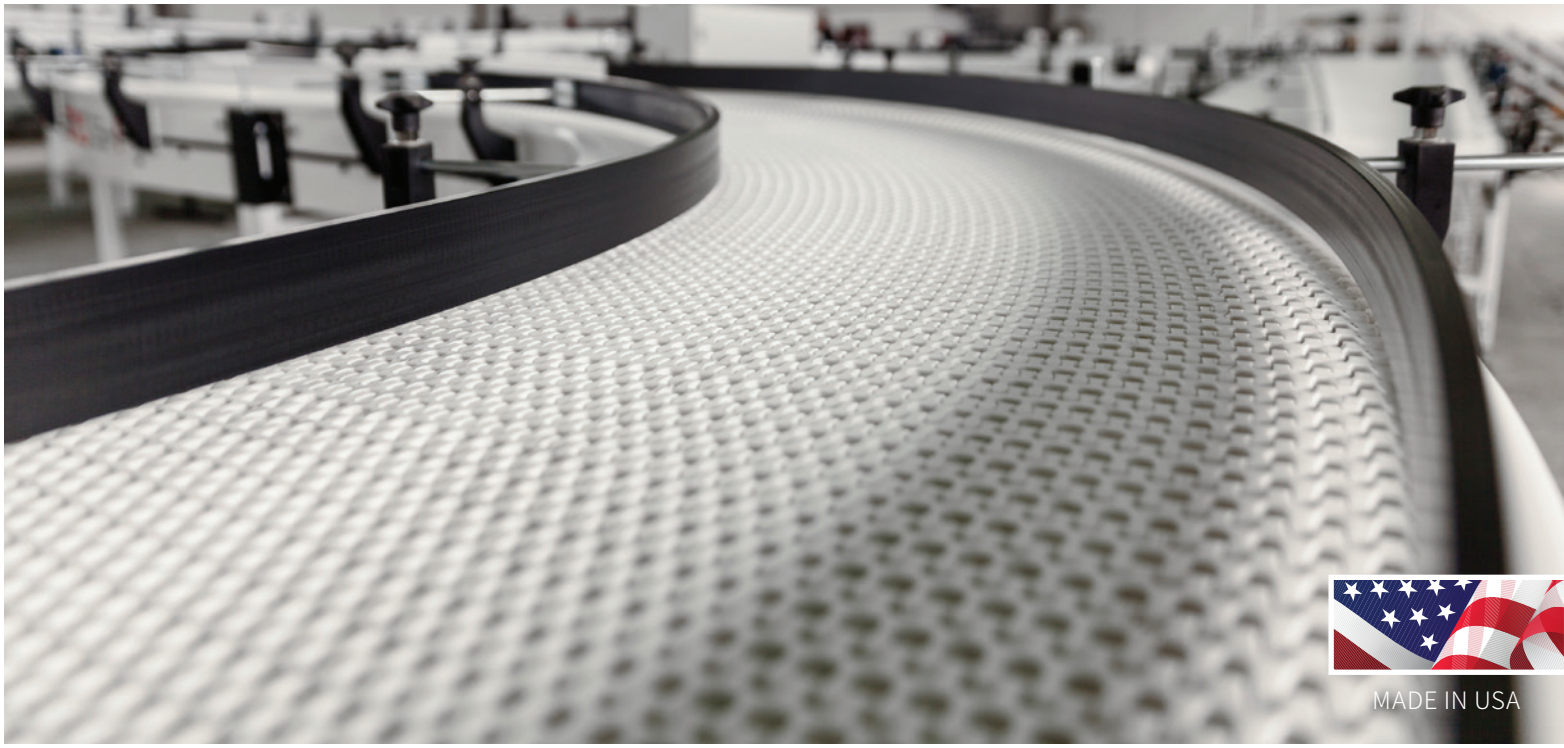
BELT CONCEPTS

INNOVATIVE CONVEYOR BELTING SOLUTIONS

Company Overview



MADE IN USA

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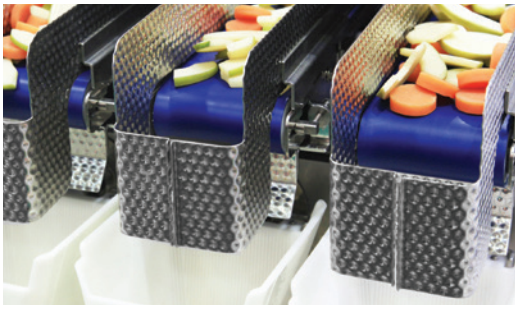


Lightweight Conveyor Belts

Why Choose Belt Concepts? It's easy:

› We stand behind our lightweight belt products; their superior construction means they're made to last.

› Need something extra strong? Our patented Triple-Warp™ technology stands up to even the most punishing applications.

› Standard belts are in stock & ready to ship promptly.

› Years of expertise developing customized belt solutions for a wide variety of applications.

› Sold trough distributors and select OEMs.

› A vast choice of fabrics, colors, carcass styles & profiles.

› Available in full slabs, half slabs and cut to width.

› Made In USA.

To learn more about our products, and how we can help your business succeed, contact us today.

www.belt-concepts.com

Integrated Manufacturing Sets the Pace for Progress

Belt Concepts manufactures lightweight conveyor belts using a fully integrated, state-of-the-art manufacturing process. In order to best serve our customers, our modern laboratory and test facility are continually engaged in new product research and development at our Spring Hope, North Carolina headquarters.

Customer Driven

At Belt Concepts, we're committed to meeting the ever changing needs of our customers. Our innovative, customer-centric approach to new product development & customer service is based on decades of proven expertise serving a wide variety of industries. We're proud to produce reliable & readily available products that meet our customer's high standards.

At Belt Concepts, quality and continuous improvement are at the core of who we are. It's our priority to ensure that our production equipment and lean manufacturing processes support our promise to deliver products that maximize value for your customers.

Because we manufacture your belts from start to finish, we control the quality every step of the way. Complete ownership provides the flexibility to adjust and respond during the manufacturing process to guarantee the best quality. Whether it be our responsive customer service, shorter lead times, or quality assurance; the Belt Concepts team works tirelessly to create the best product, customer experience and price. This all helps to lower inventory cost and ensure you meet your customers' expectations.

For over thirty years, our company has been trusted by our partner distributors to develop new and innovative solutions. We look forward to working together to deliver the best belt solution for your application.

› Food processing

› Agriculture

› Package/baggage

› Recycling

› General purpose

› Wood products

› Underground mining

› Health and fitness

Profiles and
Surface Impressions

Innovative Conveyor Belt Solutions For Your

Low Friction*
(no coating)

Quadgrip*
(inverted diamond)

Tygrip*
(tylerwire impression)

Chevron

Matte Finish

Satin
(high release dull)

Fine Fabric Finish

Ruffgrip
(rough top)

Oval Impression*
(treadmill)

Asphalt/Gravel*

*Magnified to show texture

Compounds

Belt Concepts Lightweight Belt uses a variety of innovative, thermoplastic-formulated compounds that provide outstanding advantages to all the industries we serve. Our high resin percentage compounds are designed to meet the most rigorous requirements of fabricating distributors.

RMV® Rubber Modified Vinyl

› FDA-compliant materials with USDA certification.
› High-performance oil and fat-resistant plastomer that resists animal fats, vegetable and mineral oils and many chemicals.
› RMV® also available in:
– RMS = Soft Durometer RMV®
– RMH = Hard Durometer RMV®
› Ideal replacement for rubber food belt with its improved versatility in Thermo-Flo™ splicing and other state-of-the-art Melt-Weld™ high quality fabrications.

POR™ Super Oil and Fat Resistance

› Available on interwoven carcass constructions.
› Manufactured with FDA-approved compounds with USDA certification.
› Offers excellent value for processing food products in a variety of applications.

PKIF Package Handling with ISO Flame Retardant

› Combines ISO 340 flame retardancy with all of the fabric characteristics of the PKG.

PKG Package Handling with MSHA Flame Retardant

› Premier package handling.
› Flame retardant.
› Meets ASTM D-378 flame test.
› Low stretch for operational efficiency.
› Superior tear resistance.
› Excellent fastener retention.
› Resists edge damage.

QPH™ Quiet Package Handling PVC

› Very quiet compound coupled with our low-noise whisper-weave fabrics.
› For operations where low noise level is required and reliable performance is mandatory.
› Constructed with HPC™ Technology in multiplied and Interwoven Plus constructions.
› Excellent for use in postal facilities, parcel terminals, distribution warehousing, airports, automotive plants and lumber mills.

UMVS™ Ultra Modified, Low Durometer Vinyl

› A very elastic cover compound providing a high coefficient of friction top surface.
› Surface under compression is excellent for incline conveying, capable of handling angles up to 45° in some applications.
› Perfect for conveying in distribution centers, airports, parcel handling facilities, printing and laundry facilities.

MSHA Underground Mining

› Designed for use in underground coal mines.
› Flame retardancy that meets MSHA test 30-18.65.

CSA Underground Mining

› Meets Canadian standard M422-87 for underground mining.

Advanced Performance

Belt Concepts Homogeneous Plied Construction

(HPC™) opens the door to a world of long-lasting advantages. Allowing us to put up to four plies together in one pass, HPC Technology results in a belt that will lay flat and provide excellent tracking, plus:

› A more solid carcass
› Less potential for delamination
› Outstanding resistance to even the most rugged environments

Patented Triple-Warp™ carcass

The keys to its strength are three independent warp cords, plus hybrid fill cords, that work together to increase overall abuse resistance. Along with first-class PVC cover compounds which protect against ripping, tearing, buckling, abrasion, impact and wear, our belts provide the ultimate in durability, strength and performance.

Application

PVGE™ Moderate Oil Resistance, Fire Retardant and Low Temperature, Static Dissipative
- Offers moderate oil resistance with excellent slider abrasion.
- Static dissipative compound
  – Meets OSHA requirements (300 megohms or less).
- Fire retardancy that meets MSHA test 30-18.65.
- Cold temperature characteristics to –20°F (–29°C) under intermittent conditions.
- Ideal for conveying fertilizers, oily products, grains, wood products, animal feeds, agriculture and produce.

PVG/PVLT Moderate Oil Resistance, Fire Retardant, Low Temperature
- Similar to PVGE™ except:
  – Not static dissipative
  – PVG rated to -20°F Intermittent
  – PVLT rated to -40°F Intermittent

PVM Water Resistant
- Identical to PVG, plus marine inhibitor.

PVC Standard Interwoven PVC
- High-molecular PVC formula provides durability and versatility.
- PVC also available in:
  – PVS = Soft Durometer PVC
  – PVH = Hard Durometer PVC

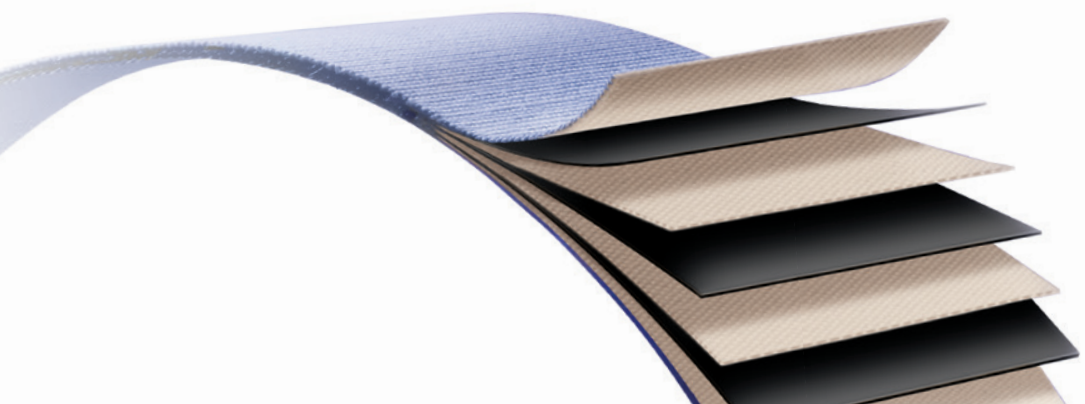
PVA™ Static Dissipative Plied Monofilament PVC
- PVA™ cover compound combined with static dissipative monofilament fabric keeps electric charge out of product being conveyed.
- Ideal for package handling, wood products, plastic parts, weigh scales, checkouts, treadmills and textiles.

Carcass Constructions

Multi-Plied Spun Polyester
- HPC™ Technology in two,- three- and four-ply construction.
- Excellent tracking performance and conveying qualities in flat and troughed applications.
- Outstanding resistance to edge wicking and curling.
- Exceptional splicing capabilities help you move your product with the least amount of downtime.

Multi-Plied Monofilament
- Covers a wide range of precision applications.
- Transversely rigid, HPC™ constructed belt permits the use of low energy drives and small pulley diameters in high-speed conveying conditions.
- European lightweight fabric design offers edge wear resistance, a low coefficient of friction fabric surface, and maximum flexibility in the warp direction.

Single-Plied Interwoven
- Constructed of high-quality spun polyester warp yarns that are interwoven and bound together with the weft yarns.
- The fusing and high impregnation of this interwoven carcass offers excellent fastener retention, tear resistance and low stretch qualities for general conveying.



Cleated (meat)

Smooth cover (high gloss)

Friction coating

Brushed (friction)

Deep groovy top

Groovy incline top*

Waffletop

Z-Belt™ mini

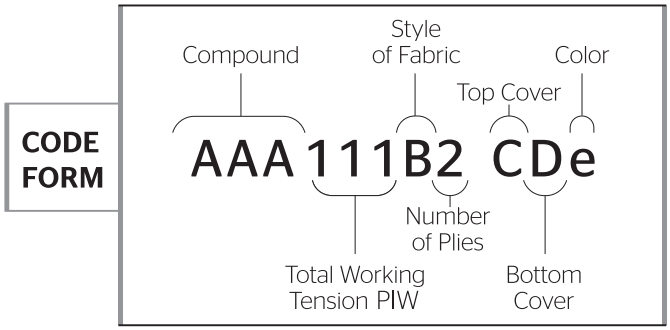
Z-Belt™ large

Eclipse

*Magnified to show texture

Belt Concepts

Lightweight Belt Coding System



Standard Colors*

- **b** Black
- **bl** Blue
- **br** Brown
- **e** Emerald Green
- **g** Dark Green
- **gt** Gum Tan
- **gx** Gray
- **lg** Light Green
- **o** Orange
- **r** Red
- **t** Tan
- **w** White
- **y** Yellow

*Standard colors. Additional colors are available.

Compounds

- **RMH** RMV Hard Durometer
- **RMS** RMV Soft Durometer
- **RMV®** Rubber Modified Vinyl
- **POR™** Super Oil and Fat Resistance
- **QPH™** Quiet Package Handling PVC
- **UMVS™** Ultra Modified, Low Durometer Vinyl
- **PKG** Package Handling with MSHA Flame Retardant
- **PKIF** Package Handling with ISO Flame Retardant
- **PVGE** Grain Elevators
- **PVG™** Moderate Oil Resistance, Flame Retardant and Low Temperature
- **PVGH** PVG with Hard Durometer
- **PVGS** PVG with Soft Durometer
- **PVLT™** Low Temperature PVG™
- **PVM** PVG with Marine Inhibitor
- **PVC** Standard Interwoven PVC
- **PVS** PVC with Soft Durometer
- **PVH** PVC with Hard Durometer
- **PVA™** Static Dissipative Plied Monofilament PVC
- **MSHA** Underground Mining
- **PVIM** Mining Belt with ISO
- **CSA** Canada Standard for Mining
- **TPUB** PVC Urethane Blend

Fabric

- **150T1** 150 Triple Warp
- **120Su** 120# hybrid
- **125Su** 125# hybrid
- **G** 35 oz. Cotton Hard Duck
- **H** 75# Spun Polyester
- **L** 75# Multifilament X Multifilament
- **M** 50# Spun X Monofilament
- **P** 10# Spun X Monofilament
- **R** 50# Multifilament X Monofilament
- **S** Standard Interwoven
- **T** 40# Multifilament X Monofilament
- **V** 50# Spun Polyester
- **W** 110# Spun X Spun Whisper, 75# Spun X Spun Whisper, 50# Multifilament X Monofilament Whisper, 50# Spun X Spun Herringbone
- **X** 75# Multifilament X Monofilament (black fabric)

Profiles

- **A** Asphalt/Gravel
- **B** Brushed
- **C** Smooth Cover
- **D** Fine Fabric Impression
- **E** Eclipse (crescent)
- **F** Friction Coating
- **G** Groovy Incline Top
- **G2** Deep Groovy Top
- **K** Cleated (meat)
- **L** Low Friction (no coating)
- **M** Matte Finish
- **N** Satin Finish (high release dull)
- **O** Oval Impression
- **Q** Quadgrip (inverted diamond)
- **R** Ruffgrip (roughtop)
- **T** Tygrip (tylerwire impression)
- **V** Chevron
- **W** Waffletop
- **Z1** Z-Belt™ Mini
- **Z2** Z-Belt™ Large

Innovative Conveyor Belt Solutions

Have an application? We've got a belt for that.

Whether it's a popular, standard application, or something a little different, we're here for you.

Belt Concepts has a long, proven history of providing both standard industrial conveyor belts, as well as custom made belt solutions.

Allow our team to help you discover the perfect belt for your requirements!

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BELT CONCEPTS

INNOVATIVE CONVEYOR BELTING SOLUTIONS

A division of Right Lane Industries, Belt Concepts is recognized as a leading conveyor belt manufacturer. We pride ourselves on being a true partner to the industry, with a variety of standard products, and custom solutions available. Have an unusual application? Our team of experts can help develop solutions that meet your application requirements and help maximize your business' productivity and efficiency.

At Belt Concepts, our customers are not just numbers- they are long standing relationships and partnerships where customer service, on time delivery and premium quality are the focus. We look forward to serving you!

About Right Lane Industries—Right Lane is an industrial holding company that focuses on acquiring manufacturing and industrial service businesses for a permanent holding period. Right Lane Industries is committed to providing its businesses with the resources, energy and capital to bring them to their next level. To learn more, visit rightlaneindustries.com.

MADE IN USA