



Lightweight Conveyor Belt

Technology that Moves Your World



Lightweight Conveyor Belt

Made to Order, Made to Last

The world of industry does not slow down for anybody. That is why you need conveyor belting that is designed to keep up - the kind of belting you get from Continental ContiTech. Our most durable lightweight belts are strong because they utilize our patented Triple-Warp™ technology.

And, while many belts on the market are pre-made, Continental ContiTech's are not. Our lightweight conveyor belts are custom manufactured. Everything from length, width and color, to compound and texture is driven by your exacting requirements. In addition, we offer a vast choice of fabrics, colors, carcass styles and profiles.

Continental ContiTech
Technology in Motion

Integrated Manufacturing Sets the Pace for Progress

Continental ContiTech manufactures lightweight conveyor belts using a fully integrated process. Our innovative approach begins with our fully equipped laboratory and testing facilities, located on site at our Spring Hope, North Carolina plant and our technical center in Marysville, Ohio.



Continental ContiTech's leading edge belt making machinery is designed completely in house, undergoing continuous development and improvement.

Because Continental ContiTech manufactures your belt from start to finish, we can monitor progress every step of the way. That translates into added versatility and flexibility, allowing us to make changes quickly and efficiently. We're constantly developing new solutions to ensure that you get the best possible product on the market today.

Our warehouse is organized to handle all functions, from shipping and receiving to packaging and storage. Our short lead times help our distributors to meet or exceed their customers' expectations on delivery.

Evolving to Serve Every Industry on the Planet

Our extensive experience in a variety of industries includes up-to-date knowledge of your ever-changing needs. At Continental ContiTech, we make it a priority to understand, and quickly respond, to the realities of your industry, whatever they may be.



› Food processing



› Agriculture



› Package/baggage



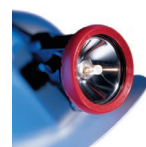
› Recycling



› General purpose



› Wood products



› Underground mining



› Health and fitness

Custom-Constructed to Carry Business

Compounds

Continental ContiTech's 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.

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

Advanced Performance Built Right In

Continental ContiTech's 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
- › Outstanding resistance to even the most rugged environments
- › Less potential for delamination

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.

s Full Speed Ahead

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 Plie 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-Plie 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-Plie 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-Plie 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.

Kleated
(meat)

Smooth cover
(high gloss)

Friction coating

Brushed
(friction)

Deep
groovy top

Groovy
incline top*

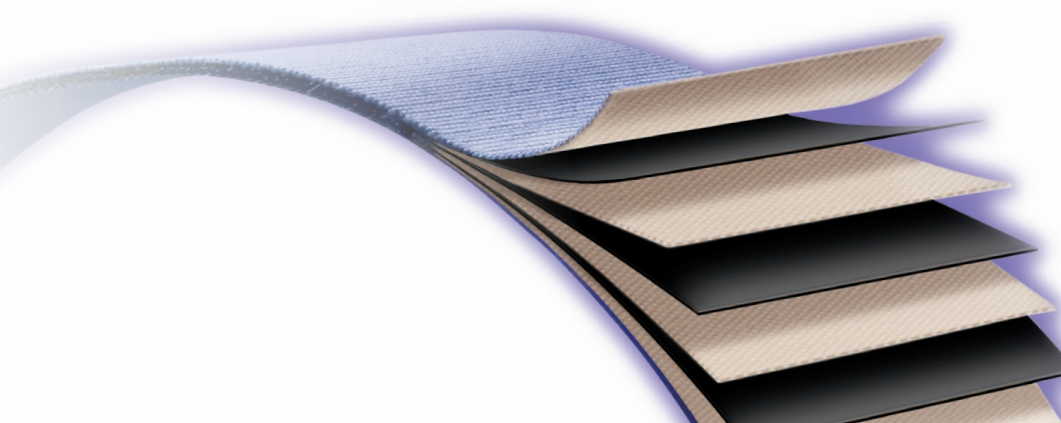
Waffletop

Z-Belt™ mini

Z-Belt™ large

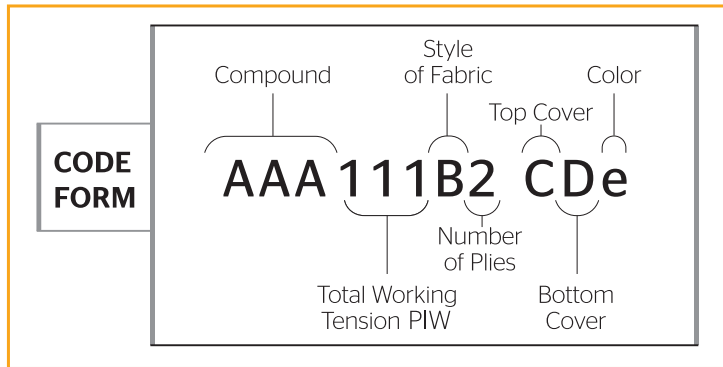
Eclipse

*Magnified to show texture



Continental ContiTech

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
› PVL™	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	Kleated (meat)
› L	Low Friction (no coating)
› M	Matte Finish
› N	Satin Finish (high release dull)
› O	Oval Impression
› Q	Quadgrip (inverted diamond)
› R	Ruffgrip (rougtop)
› T	Tygrip (tylerwire impression)
› V	Chevron
› W	Waffletop
› Z1	Z-Belt™ Mini
› Z2	Z-Belt™ Large

Moving Beyond Market Demands to Exceed Expectations

You can expect a highly coordinated team to work together on your business and apply specific skills to the development and manufacture of premium quality conveyor belting that goes beyond your highest standards.

For more information, call Continental ContiTech's dedicated sales and support team toll-free at 1-888-LWT-BELT (888-598-2358). Learn how we can use our innovative technology to move your world ahead.

ContiTech



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ContiTech. Engineering Next Level

As a division of the Continental Group, ContiTech is a recognized innovation and technology leader in natural rubber and plastics. As an industry partner with a firm future ahead of us, we engineer solutions both with and for our customers around the world. Our bespoke solutions are specially tailored to meet the needs of the market. With extensive expertise in materials and processes, we are able to develop cutting-edge technologies while ensuring we make responsible use of resources. We are quick to respond to important technological trends, such as function integration, lightweight engineering and the reduction of complexity, and offer a range of relevant products and services. That way, when you need us, you'll find we're already there.