

Recycling Conveyors

Demanding Peak Performance

Standing Up to the Toughest Returns



Tough conditions call for tough belts. Lightweight conveyor belts from Continental ContiTech offer heavy-duty solutions for the harsh demands of recycling conveying. Available in multi-ply spun polyester and single-ply interwoven carcass constructions, Continental ContiTech provides a variety of durable belts that stand up to the sharp materials encountered in recycling.

Continental ContiTech's unique HPC™ technology, a homogenous plied construction process, provides great resistance to edge wear and superior tracking, resulting in belts that last longer. Because belt covers are such an important component in recycling, Continental ContiTech offers a variety of covers for many applications, all designed to stand up to the toughest recycling environments.

Durability is a must in the unforgiving world of recycling conveying. Continental ContiTech demands top performance from our recycling belts so that we can help you meet the demands of your business. Call 1-888-LWT-BELT for more information.

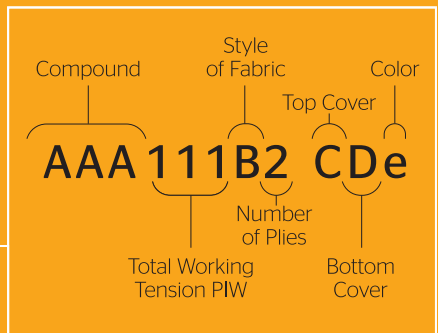
Multi-ply spun polyester

- › HPC™ Technology in two-, three- and four-ply construction
- › Superior tracking in both directions
- › Resistance to edge wicking and curling
- › Exceptional splicing capabilities

Single-ply interwoven

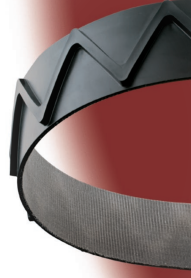
- › High-quality polyester warp yarns are woven and bound together with the weft yarns
- › Interwoven carcass offers superior splice retention, tear resistance and low stretch qualities for general conveying

Continental ContiTech
Lightweight Belt Coding System



Z-Belt™ Profile, PVG™ Compound Multi-Plied Spun Polyester

Inclined to move more product with less noise



› **Continuous pattern Z-Belt™ profile offers:**

- Increased product carrying capacity
- Reduced noise level and vibration on return side idlers
- Better wet drainage and material discharge

› **PVG™ compound offers:**

- Moderate oil resistance
- Low temperature characteristics to -20°F (-29°C) under intermittent conditions

› **Innovative HPC™-constructed multi-plyed carcass provides:**

- Superior tracking in both directions
- Resistance to edge wicking and curling
- Flexibility over small pulleys
- Excellent adhesions on the belt edge
- Thermo-Flo™ splicing capabilities

Description	Plies	Working Tension		Approx. OAG		Weight		COF	Pulley Diameter		Temperature	
		PIW*	kN/m	in.	mm	lb./ft. ²	kg/m ²		Approx.	in.	mm	°F
PVG 150H2 ZBb-2	2	150	26	0.375	9.5	1.3	6.3	0.25	8.0	203	-20-180°	-29-82°
PVG 220S2 ZNb-2	2	220	39	0.465	11.8	1.92	9.3	0.50	8.0	203	-20-180°	-29-82°

*Elongation less than 2% at specified PIW

Description	Splicing Methods	Recommended Fasteners**		
		Clipper	Alligator	Staple
PVG 150H2 ZBb-2	Finger-Over-Finger, Finger, Bias Stepped, Skived Bias, Mechanical Fasteners	1 or UX1	7	N/A
PVG 220S2 ZNb-2	Finger-Over-Finger, Finger, Bias Stepped, Skived Bias, Mechanical Fasteners	N/A	25	N/A

**Fastener manufacturer should be consulted to review specific belt and application information

Multi-Plied Spun Polyester, PVG™ Compound

Lives up to the task in extreme conditions

› **PVG™ compound offers:**

- Moderate oil resistance with excellent slider abrasion resistance
- Low temperature characteristics to -20°F (-29°C) under intermittent conditions

› **Innovative HPC™ - constructed multi-plyed carcass provides:**

- Superior tracking in both directions
- Resistance to edge wicking and curling
- Flexibility over small pulleys
- Excellent adhesions on the belt edge
- Thermo-Flo™ splicing capabilities

Description	Plies	Working Tension		Approx. OAG		Weight		COF	Pulley Diameter		Temperature	
		PIW* kN/m	in.	mm	lb./ft. ²	kg/m ²	Approx.		in.	mm	°F	°C
PVG 150H2 NBb	2	150	26	0.140	3.6	0.94	4.5	0.25	2.5	64	-20 -180°	-29 -82°
PVG 150H2 NNb	2	150	26	0.160	4.1	1.05	5.1	0.50	2.5	64	-20 -180°	-29 -82°
PVG 220S2 CNb	2	220	39	0.250	6.4	1.55	7.5	0.50	5.0	127	-20 -180°	-29 -82°
PVG 330S3 CBb	3	330	58	0.300	7.6	1.85	9.0	0.25	8.0	203	-20 -180°	-29 -82°

*Elongation less than 2% at specified PIW

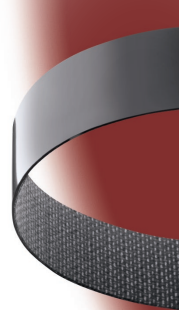
Description	Splicing Methods	Recommended Fasteners**		
		Clipper	Alligator	Staple
PVG 150H2 NBb	Finger-Over-Finger, Finger, Bias Stepped, Skived Bias, Mechanical Fasteners	2SP or U2SP	7	125
PVG 150H2 NNb	Finger-Over-Finger, Finger, Bias Stepped, Skived Bias, Mechanical Fasteners	2 or U2	15	125
PVG 220S2 CNb	Finger-Over-Finger, Finger, Bias Stepped, Skived Bias, Mechanical Fasteners	4 or U4	27	187
PVG 330S3 CBb	Finger-Over-Finger, Finger, Bias Stepped, Skived Bias, Mechanical Fasteners	N/A	N/A	N/A

**Fastener manufacturer should be consulted to review specific belt and application information

PVC Compound, Interwoven Carcass

The ultimate in performance and value

- › High molecular PVC formula provides durability, versatility and value
- › Unique fusion and high impregnation properties offer superior fastener retention, tear resistance and low stretch qualities for general conveying



Description	Plies	Working Tension		Approx. OAG		Weight		COF	Pulley Diameter		Temperature	
		PIW*	kN/m	in.	mm	lb./ft. ²	kg/m ²		Approx.	in.	mm	°F
PVC 120S1 CBb	1	120	21	0.135	3.4	0.80	3.9	0.25	2.0	51	20 -180°	-7 -82°
PVC 150S1 CBb	1	150	26	0.165	4.2	0.96	4.6	0.25	2.5	64	20 -180°	-7 -82°

*Elongation less than 2% at specified PIW

Description	Splicing Methods	Recommended Fasteners**		
		Clipper	Alligator	Staple
PVC 120S1 CBb	Finger, Skived Bias, Mechanical Fasteners	1 or UX1	7	125
PVC 150S1 CBb	Finger, Skived Bias, Mechanical Fasteners	2 or U2	20	125

**Fastener manufacturer should be consulted to review specific belt and application information

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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.



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