

Products & Service Catalog

Conveyor Belting &
Fabrication Specialists



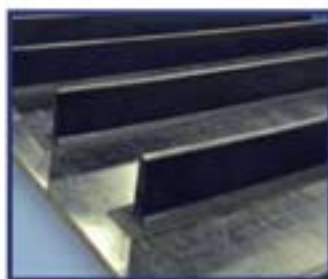
**PRO
TURN**

MAGNETHANE

POLYPRO

MONO PRO

BELT WALL



Beltservice CORPORATION

"Service is part of our name!"



Beltservice provides modern office and plant facilities for its employees.



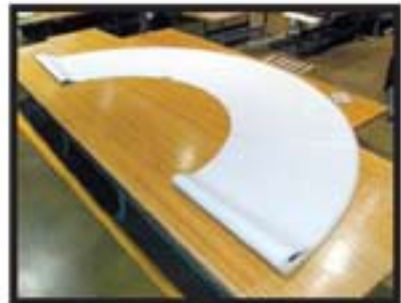
Award winning leadership in the belting industry for more than 40 years.



Food grade specialty Belting.



Meeting rooms available for conferences or product seminars.



Power Turn Belting Department, St. Louis, Missouri.



Light duty belting is fabricated in this bright, clean environment.



Main Bay, Slitting Department, St. Louis, Missouri.



Our Beltwall Division is the largest manufacturer of corrugated sidewall belting in North America.



Special fabrications are our specialty at Beltservice.



Cleaning Department, St. Louis, Missouri.



Beltservice continuously stocks more than 325 of the most popular flat belt specifications in its 288,000 square foot St. Louis facility.

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ABBREVIATION KEY

AS = Antistatic	HD = Heavy Duty	SOR = Super Oil Resistant
B = Bare	LI = Light Impression	WPHP = Woven Polyester High Permeability
C = Cover	MOR = Moderate Oil Resistant	WPLP = Woven Polyester Low Permeability
COS = Cover One Side	MSHA = Mine Safety Health Admin.	WPMP = Woven Polyester Medium Permeability
C/P = Cotton/Polyester Blend	MSK = Mini Skim	
CR = Cross Rigid	PIW = (Per Inch Width) area 1 inch wide x 1 foot long	<i>For additional abbreviations, see page 20.</i>
FBS = Friction Both Sides	RC = Release Cover	10 = Refers to the catalog item number of the belt.
FI = Fabric Impression	SB = Slider Bed	
FS = Friction Surface	SC = Static Conductive	
FR = Flame Resistant		

BELTSERVICE CORPORATION OFFERS THE DISTRIBUTOR/OEM 3 BASIC SERVICES:

1. Beltservice is a wholesaler of a broad variety of the most popular conveyor belting specifications. We solicit only distributors and O.E.M.s for resale, offering competitive price levels with immediate shipment from stock, small order or large.
2. Beltservice is a manufacturer of specialty fabrications, cleated belting and all the standard and custom belting items.
3. Beltservice is a supplier having the ability to furnish any belting construction and any brand name or equal thereof, whether or not in our inventory, at competitive price levels with excellent availability.

Website: www.beltservice.com • E-Mail: sales@beltservice.com

See also inside back cover for more information about Beltservice online.

BELTSERVICE LOCATIONS



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THIS IS BELTSERVICE CORPORATION

Applications – We assist only distributor or OEM customers with requesting the best recommendation for his/her specific application.

Construction – All rubber fabrications (molding) in this catalog are performed by hot vulcanizing methods (except where cold-cure chemical bonding may eliminate the need for special tooling).

Deliveries – Cut lengths are usually shipped within 24 hours after the order is received. Fabricated items require a varying number of days depending on the type of fabrication. Call for current delivery schedules.

Marketing Policy – Beltservice sells only to distributors who buy belting for resale, and to original equipment manufacturers who place our belts on their equipment which they in turn sell. We do not solicit nor accept business from end user accounts.

Objective – To furnish the distributor/OEM the full range of belting products and services at a competitive price with excellent delivery — large order or small.

Inventory – Wide variety of specifications stocked in depth to handle any size order for any type of application.

Quality – Quality comes from experience and employing people who care. Beltservice is dedicated to total quality.

Research & Development – We're constantly seeking new and better ways to produce our products. A full-time research and development staff assures that you are getting the best belting products available.

Specialists – Belting is our only business. Complete design services for special fabrications are available for the asking.

WHY DISTRIBUTORS/OEMs BUY FROM BELTSERVICE ADVANTAGES.....WHICH MEAN

Fastest Service Available	Your customer is happy and will reorder from you.
Widest Variety Of Belting Products Available From One Source	No need to deal with 10 different sources.
Competent Inside And Field Salespeople Who Try Their Best To Help You.....	Getting what you need quickly and accurately.
Simplified Catalog Presentation	Easy to understand, price, and order.
Flexible Assistance	When situations require tailoring, we'll work with you.
Convenient Geographic Locations	Faster service, lower freight and telephone costs.
Uniform Quality	Trouble-free business between you and your customer.
Competitive Pricing	Low cost, high value; enables you to get the orders.
We'll Make Recommendations	So you'll get the proper belt for the application.
Search Capabilities	If we don't have it, we'll find it.
We Support Distributors	Unlike many of our competitors, we do not solicit end users. That is our distributors' job.

LIMITED WARRANTY, LIMITATION OF REMEDIES AND LIABILITY, AND OTHER TERMS OF SALE

All sales of product of Beltservice Corporation or one of its divisions or subsidiaries (each "Manufacturer") shall be made solely and exclusively on Manufacturer's Standard Terms of Sale. **Manufacturer's acceptance of any Purchase Order is hereby expressly made conditional on the Buyer's assent to all of Manufacturer's Standard Terms of Sale, including without limitation terms and conditions that are additional to or at variance with the terms and conditions of the Buyer's Purchase Order.** Manufacturer's Standard Terms of Sale, which are set forth in full in this catalog (see Table of Contents), include the following **Limited Warranty and Limitation of Remedies and Liability.**

Manufacturer warrants only that Products manufactured by Manufacturer, when shipped, are free from defects (within normal industry allowances) of material and workmanship when properly installed and used for the intended purpose and operated under normal service conditions for a period of one (1) year after the date of tender and delivery; provided, Buyer gives Manufacturer written notice of any such defect within the warranty period. Claims not made within such one year period shall be barred. Defective and nonconforming Products must be held for Manufacturer's inspection and return to Manufacturer upon request. Normal wear and deterioration are excluded. Manufacturer does not warrant Products which have been subject to misuse, negligence, carelessness, accident, overloading, improper maintenance, service adjustments, improper actions by someone other than Manufacturer, alterations, modifications or replacements. This warranty does not apply to normal maintenance, service adjustments or replacements. Products that are repaired or replaced during the warranty period will be covered by foregoing warranty for the remainder of the original warranty period or 90 days, whichever is longer. Notwithstanding the foregoing, goods and parts not manufactured by Manufacturer and work not performed by Manufacturer are warranted only to the extent (and in the manner) that they are warranted to Manufacturer by Manufacturer's vendors, that such warranties can be passed to Buyer, and that it is reason-

able to enforce such warranties. Manufacturer shall have no obligation to enforce any such warranties unless Buyer expressly agrees to pay all costs (including, without limitation, attorney fees and court costs) associated with such enforcement. THE WARRANTIES STATED HEREIN ARE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES WHETHER ORAL, WRITTEN, IMPLIED, EXPRESSED, STATUTORY, OR ARISING BY LAW OR CUSTOM, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO PRODUCTS MADE PURSUANT TO BUYER'S SPECIFICATIONS, WHETHER THE PRODUCTS ARE USED ALONE OR IN COMBINATION WITH OTHER SUBSTANCES OR DEVICES.

Buyer's sole and exclusive remedy against Manufacturer for any breach of warranty shall be, at Manufacturer's option, either (i) the repair or replacement of defective Products or any parts found by Manufacturer to be defective without charge by Manufacturer or (ii) a refund of an equitable portion of the new purchase price of defective Products. The Products must be returned to Manufacturer's factory, transportation charges prepaid and accompanied by a claim in writing. MANUFACTURER'S LIABILITY SHALL NOT EXCEED THE NET PURCHASE PRICE PAID BY BUYER FOR THE PRODUCTS GIVING RISE TO THE CLAIM OR CAUSE OF ACTION, AND UNDER NO CIRCUMSTANCES SHALL MANUFACTURER BE LIABLE FOR DAMAGES RELATING TO SUPPLY, PAY FOR LABOR DOWNTIME OR FOR SPECIAL, INDIRECT, CONSEQUENTIAL, EXEMPLARY OR PUNITIVE DAMAGES. THESE LIABILITY LIMITATIONS AND EXCLUSIONS SHALL APPLY REGARDLESS OF THE FORM OF THE CLAIM OR CAUSE OF ACTION, WHETHER IN CONTRACT, WARRANTY, INFRINGEMENT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE. THE PRICE STATED FOR THE PRODUCTS IS A CONSIDERATION IN LIMITING MANUFACTURER'S LIABILITY.

HOT TRUCK DELIVERY FOR BREAKDOWNS

When delivery is critical, when breakdowns occur, when it's imperative that belting be on site by X hour on Y date, we offer the following service.

Beltservice has made arrangements with a local trucking contractor to deliver any truck shipment anywhere in the US, non-stop, straight-through

PRIORITY DELIVERY SERVICE

Beltservice offers a delivery response service to those distributors whose customers are broken down or need a belt quickly.

For a premium charge, Beltservice will break schedule on all other orders, placing the "Priority" order next in line to be fabricated. At the time a Priority is placed, you will receive a *firm* promised shipping date which you can count on.

DIRECT SHIPMENTS

In an effort to "make it easy," Beltservice encourages the distributor to let us ship the ordered material directly to your customer.

By doing so, you will: 1. avoid inbound freight; 2. avoid handling and processing; and 3. avoid the probability of error and time lost to multiple handling and shipping.

RECOMMENDATIONS - A NOTE OF CAUTION

On a day-to-day basis Beltservice is asked to make belt recommendations for a multitude of belting applications. This we are happy to do as one of our many services. Our recommendations are made based on the information furnished by you, which is often sketchy and incomplete. In many cases, memories and guesses are relied upon. The recommendations we

delivery, direct to destination. The cost is determined by the destination and the equipment required.

Don't forget air freight, Federal Express, Express Mail, UPS and regular truck service as frequently used alternatives.

The premium, purposefully substantial, is generally a small price to pay when mechanical breakdowns may be costing hundreds or even thousands of dollars per day of lost production. Also, the premium maintains fairness to those orders in house first.

We use a special form for direct third-party shipments consisting of a packing slip and bill of lading, both of which read *from you, to your customer. Our name does not appear.* Or, we'll be glad to use your printed labels and bills of lading.

give are based on our years of experience in the belting industry. They **are not** a guarantee of successful operation. **Only** in the event we totally engineer the system with on-site inspection for total verification can we issue a guarantee, which must be in writing.

BELTSERVICE MARKETING GROUPS

Beltservice's marketing efforts are divided into eleven groups of belting specialties. These groups are staffed by knowledgeable, experienced sales people who are familiar with the unique demands of their specialty belts. By utilizing this marketing approach, Beltservice assures you will get the expert recommendations and guidance you need to secure orders.

BELTSERVICE Our mainline belting marketing group. The majority of our belting sales fall under this group. Beltservice belts encompass most of our inventory of flat and fabricated belting. This marketing group specializes in light-duty and heavy-duty conveyor belting, elevator belts, and transmission belting. Fabricated belting includes all types of splicing, cleating, chevron cleats, and other specialties.

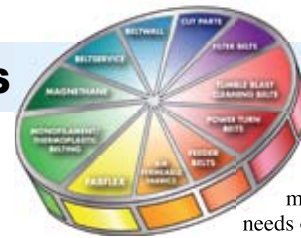
BELT WALL North America's leader in corrugated sidewall belting. Beltwall specializes in belting designed for high-incline conveying, including 90°. Beltwall's salesmen are the most knowledgeable in the business. Pages 39-42 explain the Beltwall concept in more detail.

MAGNETHANE BELTS AND PARTS The magnetic signature of Magnethane conveyor belts and cast parts allows them to be seen by metal detectors – which makes them an ideal "safety net" for progressive food manufacturers and packagers. See page 16 for more information.

LIGHTWEIGHT THERMOPLASTIC BELTS Our versatile PolyPro Plus®, Magnethane™, ZipLink, and MonoPro® belts offer solutions for a variety of specialized applications. Beltservice provides expert assistance in European-style belting. Thermoplastic belting includes monofilament belts which offer cross rigidity along with a high degree of flexibility. This product line is featured on pages 15-25.

AIR PERMEABLE FABRICS Specially engineered fabrics designed to meet the specific airflow requirements of air gravity pneumatic conveyors. These fabrics are used in air gravity conveyors to "fluidize" dry, dense powders such as cement, flour, or fly ash for easier conveying. Pages 6 and 35 give more information about air permeable fabrics.

FEEDER BELTS This marketing entity supplies a wide variety of flanged belts for weigh-feeder applications. Many of these belts are used as coal feeder belts for power plants, and many others are used in co-



generation plants, cement manufacturing, etc. Our feeder belt salesmen are especially sensitive to the special needs of these demanding applications. See page 38 for additional information about feeder belts.

FABFLEX A variety of integrally molded rubber incline belts have been made by this division for over 40 years. The Fabflex product line, combined with our hot-vulcanized cleating capabilities, gives distributors the widest choice in cleated belt products in the industry. Pages 5 and 28-29 have more information about Beltservice's Fabflex Division.

PRO TURN POWER TURN BELTS Quality replacement power turn belts are fabricated to your customers' exact specifications with guidance systems installed. Chain, urethane guide bead, guide wheel, or bearing guide systems are attached. Our specialists can help you with standard power turn belts as well as belts for spiral lifts. See also pages 22-24.

TUMBLE BLAST CLEANING BELTS Blast belts operate in some of the harshest environments faced by rubber belting. Cast metal parts, often having sharp jagged edges, are tumbled by the belt and blasted with abrasive media. The abrasive media drain through thousands of small holes in the belt for recycling back to the blast wheel. Blast belt applications include: foundries, heat treating operations, tool manufacturing, etc. More about blast belts can be found on page 38.

FILTER BELTS These specialized belts, also known as carrier belts, are used on horizontal belt filter presses, which separate solid material from a slurry by using a vacuum. Beltservice has the experience and expertise to identify and manufacture these belts to fit the exact specifications for every application. Specially designed flanged filter belts and wear filter belts are also available. Page 38 has more about filter belts.

CUT PARTS Custom cut parts can be fabricated from any material in Beltservice's large inventory. High volume runs, short volume runs, even prototypes can be made quickly and easily without expensive tooling or set-up fees. Examples of parts made from a variety of materials include: seals, bumpers, gaskets, washers, shims, liners, pads, spacers, dampeners, and curtains. See page 36 for details.

NOTE: Beltservice now offers Customized Sales Presentations covering all products and services. For details, call **1-800-727-2358**

FOOD HANDLING

15 oz. White Nitrile COS

General-purpose food handling; assembly line and packaging belts; greaseproof; can be hot water and steam cleaned; resistant to food acids, fats and alkalies. Nitrile compound is also known as Buna-N and Hycar. Easy-to-clean, smooth 3/64" cover. FDA accepted. Construction features tightly woven blend of cotton and polyester plies impregnated and covered with nitrile.

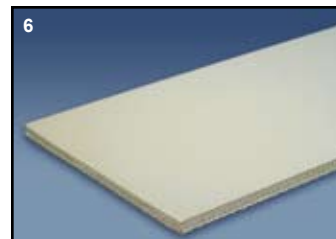
- 1 2 Ply 15 oz. White Nitrile COS
- 2 3 Ply 15 oz. White Nitrile COS
- 3 4 Ply 15 oz. White Nitrile COS
- 4 5 Ply 15 oz. White Nitrile COS



Poly White Nitrile COS

Very popular, high value, most generally used food belt available. High-strength polyester carcass has great dimensional stability for less stretch and better tracking. Mildew, rot, and deterioration resistant. Thin and flexible for small pulleys. Can be hot water and steam cleaned. FDA accepted.

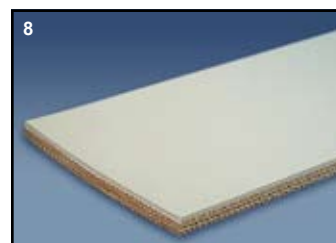
- 5 2 Ply Poly 60 White Nitrile COS
- 6 3 Ply Poly 90 White Nitrile COS



Poly White Nitrile Heavy COS (RFL)

Thicker, stronger version of the Poly White Nitrile Series; features heavier, stronger polyester fabric RFL treated for greater adhesion under rugged conditions; also heavier skim coats between plies and a superior wear-resistant nitrile cover; usual advantages of 100% polyester carcass. Can be hot water and steam cleaned. FDA accepted.

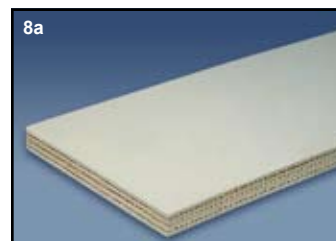
- 7 2 Ply Poly 100 White Nitrile COS
- 8 3 Ply Poly 150 White Nitrile COS



Poly White Nitrile 1/32" x 1/32"

Same basic construction as No. 8, but with a full bottom cover. This bottom cover provides extra wear resistance on roller conveyors. Both covers are easily cleaned. **Not for use on slider beds!** FDA accepted.

- 8a 3 Ply Poly 135 White Nitrile 1/32" x 1/32"



Poly White RMV COS

Super oil resistant RMV cover provides excellent animal and vegetable oil resistance at an economical price. Covers offer excellent resistance to staining. Belt features a durable 100% polyester carcass. Cleats can be welded to the belt surface. FDA accepted.

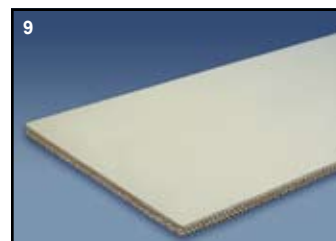
- 8b 2 Ply Poly 100 White RMV COS
- 8c 3 Ply Poly 150 White RMV COS



Poly White Butyl COS

A specification designed for extreme temperature applications from -65° to 300°F. Recommended for high-heat uses such as heat sealing machines and heat (shrink) tunnels; also cold rooms and freezers. Allow 1% shrinkage in belt length when operated at temperatures over 275°F. Belt is FDA accepted.

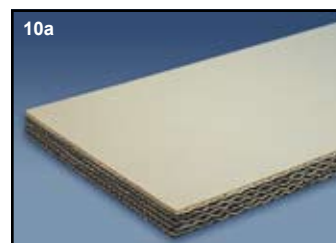
- 9 3 Ply Poly 105 White Butyl COS



Poly White Teflon COS

Excellent for wet, sticky materials and operations involving gluing, coating, spreading; best release characteristics. The slippery top surface is created by the thin teflon film. Carcass is strong and flexible. FDA accepted.

- 10 3 Ply Poly 105 White Teflon COS
- 10a 5 Ply CP30 White Teflon COS



BELT SAMPLES ARE AVAILABLE! CALL FOR DETAILS.

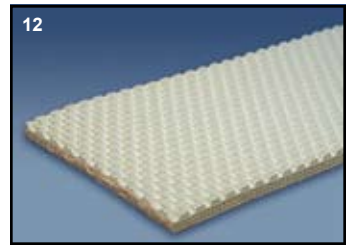
FOOD HANDLING / LIGHT DUTY

Poly White Nitrile Pebbletop

The "ripple top" covers feature a textured pattern (known as Tyler Wire Impression) that is capable of high traction on moderate inclines. Suitable for conveying produce, bakery goods, packages and small parts. Oil and grease resistant, non marking. FDA accepted for packaged product only.

11 2 Ply Poly 60 White Nitrile Pebbletop

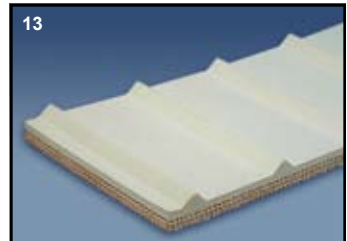
12 3 Ply Poly 90 White Nitrile Pebbletop



Poly White Nitrile Meatcleat

This ribbed mini-cleated belt is ideal for incline conveying in packing and food processing plants. The belt is fully accepted by FDA and MID. All surface planes are smooth and easily cleaned. Inverted V-shaped cleats are 1/8" high and are spaced straight across on 1" centers.

13 3 Ply Poly 150 White Nitrile Meatcleat



Fabsyn™ White Nitrile "Corrugated"

Manufactured by our Fabflex Division in Boise, Idaho, the cover of the Fabsyn food grade "Corrugated" No. 13a has integrally molded round ribs 1/16" high on 1/4" spacing center-to-center. Designed to provide positive discharge for sliced and diced food products. The 13a is FDA approved and resistant to vegetable and animal oils. Also see pages 28 and 29 for other Fabflex products.

13a 2 Ply Fabsyn Corrugated White Nitrile COS



Fabsyn™ White Nitrile "Asendor"

Same basic construction as No. 13a, but with round ribs 1/8" high on 1" spacing. The "Asendor" No. 13b is designed for incline conveying of small and medium-size food products. Its special rib profile reduces resonance on return idlers and offers more resistance to wear and abrasion. Round ribs also reduce bruising of food products. FDA approved. Also see pages 28 and 29 for other Fabflex products.

13b 2 Ply Fabsyn Asendor White Nitrile COS



Fabsyn™ White Nitrile "Top Flight"

The patented design of our "Top Flight" No. 13c runs on all types of conveyors without special idlers. Lateral cleats 3/16" high on 6" centers intersect with longitudinal 3/16" high cleats on 4" centers. Raised buttons at the corners of the pattern allow for the drainage of wet product. It is an excellent replacement for other cleated belts or flat belts where roll-back of product is a problem. FDA approved.

13c 2 Ply Fabsyn Top Flight White Nitrile COS



Fabsyn™ White Nitrile "Crosstop"

The integrally molded 3/8" x 3/8" cleats of the "Crosstop" No. 13d taper down to 1/4". Its open 8" x 8" pattern allows water drainage and ease of cleaning. It provides constant belt support from the conveyor return idlers and has the characteristic of running as smooth and effortlessly as a flat belt. FDA approved. Also see pages 28 and 29 for other Fabflex products.

13d 2 Ply Fabsyn Crosstop White Nitrile COS

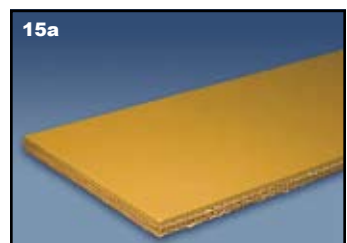


Poly Green and Tan Nitrile COS

Green and tan belts are popular on inspection lines because they are less tiresome on the inspectors' eyes. Also, tan is commonly used in fruit and vegetable processing because of its greater resistance to staining. Both belts feature strong, all-polyester carcasses. FDA accepted.

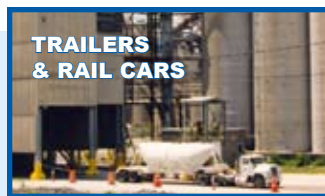
14 3 Ply 90 Green Nitrile COS

15a 3 Ply 150 Tan Nitrile COS



BELT SAMPLES ARE AVAILABLE! CALL FOR DETAILS.

AIR PERMEABLE FABRICS / FOOD HANDLING



Air Permeable Fabrics (Pages 6 and 35)



White Solid Woven

Still popular conveyor belting, particularly in the food and baking industries. Economical answer to many light and medium conveying needs, especially slider bed applications. The belt is firmly woven; non-rubberized. Number of stripes usually indicates number of plies. Also can be used as an air-permeable fabric designed for pneumatic conveyors.

- 16-2** 2 Ply Solid Woven Cotton
- 16-3** 3 Ply Solid Woven Cotton
- 16-4** 4 Ply Solid Woven Cotton



Air Permeable Needled Polyester

Designed specifically for air gravity conveyors. Used to fluidize dry bulk powders such as: cement, barite, silica, alumina, etc. Provides several advantages over woven air permeable fabrics. This material does not require stretching prior to installation and will not unravel when cut or punched. Found in air gravity conveyors in silos, rail cars, barges, ships, and tank trailers.

- 16a** Polyveyor® .5 CFM Rated (#1950)
- 16b** Polyveyor® 1.5 CFM Rated (#1951)



Air Permeable Solid Woven Polyester

These fabrics are used in pneumatic conveyors to transport fluidized dry bulk powders such as cement, barite, silica, alumina, and chemical or plastic resins. Like needled polyester fabrics, they are used for air gravity conveyors, silos, rail cars, barges, ships, and tank trailers that are designed for the storage and transport of dry bulk powders. * In stock but not shown in Beltservice's full line sample catalog.

- 16c** WPLP (Woven Polyester Low Permeability) Solid Woven Polyester*
- 16d** WPMP (Woven Polyester Medium Permeability) Solid Woven Polyester
- 16e** WPHP (Woven Polyester High Permeability) Solid Woven Polyester*



High Temperature Needled Polyester

For use in air gravity conveyors where temperatures exceed the maximum allowable with polyester fabrics. An economical alternative to ceramic or stainless steel media below 500°F (600°F intermittent).

- 16f** Polyveyor/Kevlar



PVC - White C x C

Ideal belts for conveying or elevating flour, sugar, or other bulk food materials requiring FDA white belting. Low stretch, high bolt-holding ability. The PVC compound of these belts is not affected by grain oils, meets flame resistant requirements, and is static conductive.

- 17** PVC - 450 White C x C SC/FR/OR/FDA
- 18** PVC - 200 White C x C SC/FR/OR/FDA



PVC - White C x FS

This PVC belt offers the highest service yield and is the best value for most food processing uses. It features a smooth, easy-clean cover of PVC compounds that is oil resistant. FDA accepted.

- 20** PVC - 120 White C x FS/OR/FDA



BELT SAMPLES ARE AVAILABLE! CALL FOR DETAILS.

FOOD HANDLING / LIGHT DUTY BELTING



Food Handling Belts

(See pages 4 through 7, 15-19, 23, and 28.)



PVC - 100 White Roughtop x FS

This rough-textured non-skid surface enables packages, boxes, cases and other products to be conveyed on incline or decline. Best resistance to oils, greases, water, chemicals, abuse and stretch. FDA accepted.

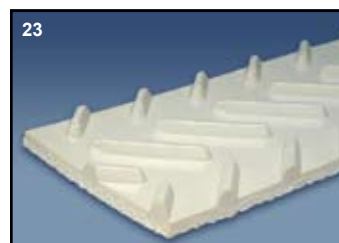
22 PVC - 100 White Roughtop x FS OR



PVC - 100 White Chevron Top II x FS

The herringbone pattern of alternating rows of solid PVC chevrons forms a cover highly capable of moving bulk, free-flowing materials such as grains, food stuffs, feeds, and fertilizers up steep inclines. Made of PVC with friction surface, this belt is resistant to mineral oil. FDA accepted.

23 PVC - 100 White Chevron Top II x FS OR



PVC - 120 White Crescent Top II x FS

Scoop crescent shape is ideal for incline conveying, as well as creating a multitude of tiny "buckets" for moving wet materials. The versatile pattern can also be reversed to drain a product while conveying on the incline. Unique pattern is self cleaning, and since the crescents overlap, there is constant contact with return rolls, virtually eliminating bumping and thumping. FDA accepted.

23a PVC - 120 White Crescent Top x FS



Brown Nitrile FBS

Features a tightly woven blend of cotton and polyester plies impregnated with nitrile, producing a belt suitable for light and medium-weight conveying for a multitude of applications. Particularly popular for oily conditions, especially the conveying of metal parts, also as carrying tapes for folding machines. Commonly used for power transmission belting in the heavier weights for conditions involving oil and heat. Economical. Very flexible.

24 3 Ply Brown Nitrile FBS

25 5 Ply Brown Nitrile FBS

26 7 Ply Brown Nitrile FBS

26a 9 Ply Brown Nitrile FBS

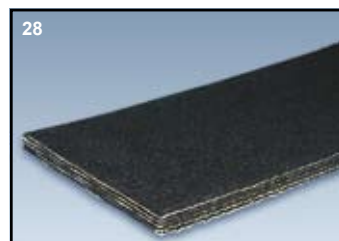


Poly Black Heavy-Duty Nitrile FBS

These belts are recommended for handling metal stampings, automotive parts, sheet steel, and any application requiring very high oil resistance. Features rugged, high-strength polyester carcass; suitable for medium-capacity transmission belt where oil, grease or chemicals are present. Flexible, yet will withstand cutting, gouging, and abrasion.

27 4 Ply Poly 180 Black HD Nitrile FBS

28 5 Ply Poly 225 Black HD Nitrile FBS



4 Ply* Poly Black Neoprene FBS-SC

Static conductive properties allow this belt to be used in electronic parts conveying and for other products sensitive to static discharge.

27a 4 Ply* Poly 180 Black Neoprene FBS-SC



* 5 and 6 ply are also available. Minimum quantities apply.

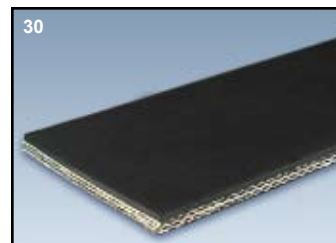
BELT SAMPLES ARE AVAILABLE! CALL FOR DETAILS.

LIGHT DUTY / TRANSMISSION BELTING

Black Nitrile COS

All-purpose conveyor belts with smooth nitrile top covers for assembly line, packaging, and a wide variety of industrial uses. The 2 ply is made with a cotton-polyester blend carcass. Flexible, yet strong, the 3 ply features a heavier polyester carcass for added stretch resistance. Both belts have superior oil, grease, and animal fat resistance, and good heat capability. FDA approved.

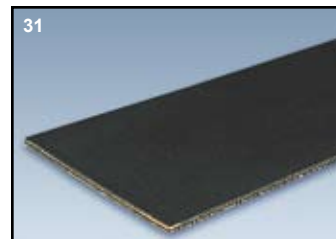
- 29** 2 Ply CP 30 Black Nitrile COS
- 30** 3 Ply Poly 135 Black Nitrile COS



Poly Black Checkout Belt

Designed for checkout counters for best appearance and maximum serviceability. Strong yet flexible; cover is nick-resistant; low friction bottom; very economical for light industrial uses. FDA approved.

- 31** 2 Ply Poly 70 Black Checkout Belt



4 Ply Tan Sliptop

The hard-woven, abrasive-resistant bare nylon top surface is virtually frictionless and therefore ideal for "stall" operations or accumulating applications where the product must stop while the belt continues to move. Commonly used with automatic packaging machinery, and with gates or diverter arms.

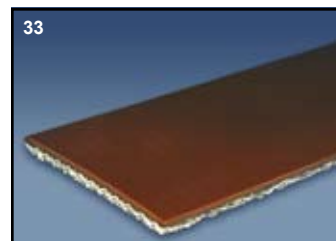
- 32** 4 Ply Tan Sliptop



Urethane 120

This lightweight, economical urethane belt is an excellent value for applications requiring high resistance to cutting, gouging, tearing and high abrasion. In addition, both the cover and interwoven polyester carcass are resistant to most oils, greases, and chemicals. It will substantially outwear a rubber-covered belt.

- 33** Urethane 120 Brown PU x FS



Flat Leather Transmission Belting

Leather is preferred for many applications because of its combined characteristics of high tensile strength, high coefficient of friction and great flexibility. Leather is very durable and usually outlasts plied rubber belting. Available in many thicknesses.

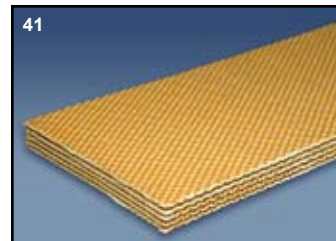
- 36** Single Leather
- 37** Double Leather



Rubber Transmission - FS x FS

Commonly known as friction surface and/or transmission belting, this belt has long been a standard for a wide variety of conveyor applications for both slider bed and roller applications. Construction is cotton/nylon fabric plies bonded with resilient rubber compounding. Either side to pulley, vulcanized endless or metal laced. For applications where rubber covers are not necessary or desirable.

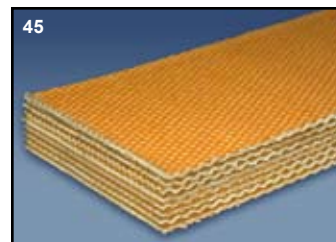
- 38** 3 Ply CP30 Black FS x FS
- 39** 3 Ply CP30 Tan FS x FS
- 40** 4 Ply CP 30 Tan FS x FS
- 41** 5 Ply CP 30 Tan FS x FS



35 oz. Silver Hard Duck Transmission Elevator FS x FS

Constructed of rugged silver hard duck fabric plies with heavy skim coats between and friction surface both sides. These belts are formulated for severe conditions and rugged service. Excellent fastener-holding ability. Can be spliced endless or metal laced. Very good for elevator applications.

- 42** 4 Ply 35 oz. Tan FS x FS Silver Hard Duck
- 43** 5 Ply 35 oz. Tan FS x FS Silver Hard Duck
- 44** 6 Ply 35 oz. Tan FS x FS Silver Hard Duck
- 45** 8 Ply 35 oz. Tan FS x FS Silver Hard Duck



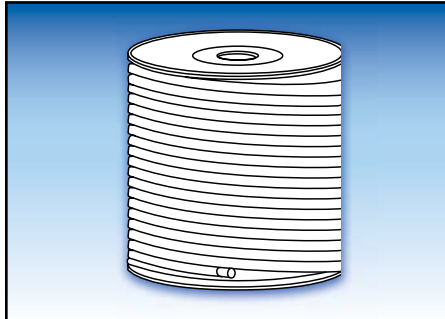
BELT SAMPLES ARE AVAILABLE! CALL FOR DETAILS.

TRANSMISSION / PACKAGE HANDLING / UTILITY BELTING

Round Leather Belting

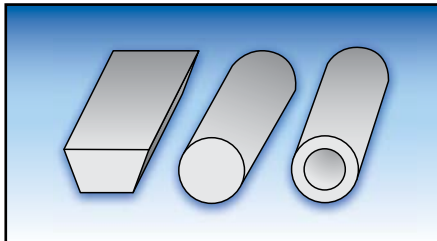
The leather for round leather belting is selected for maximum strength and processed to give long life with minimum stretch. Popular for sewing machine drives.

Offered in oak tanned and extra quality hair-on.



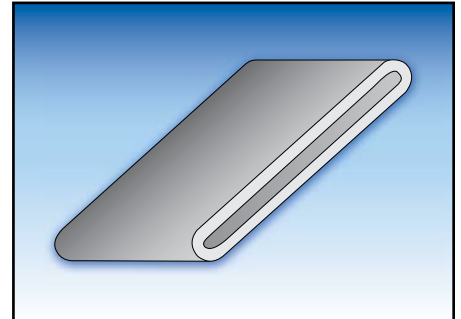
Extruded Plastic and Urethane Belting

Belting material is ideal for replacement of V-belts, round belts and cable belts for complex motion systems involving multidirectional belting. It outwears leather and rubber in most applications and resists deterioration from moisture, sunlight, oils, greases, solvents and most chemicals over long periods of time. Easy to make any belt length you need.



High Speed Lapless Belts

These belts feature a woven endless (no lap) synthetic carcass with oil-resistant neoprene impregnation. Suitable for very high speeds on small pulleys with minimum vibration. Very economical belt.



3 Ply Hot Stock and Water*

Bare duck surface down for lowest possible friction for slider bed use, and up for deflector bar applications; ideal as slip-top belt for "stall" operations. Its true use is for conveying uncured rubber in tire plants.

*Bare x Bare is also available.

46 3 Ply Hot Stock and Water *



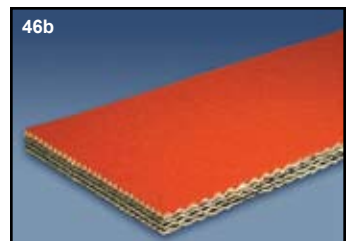
3 & 4 Ply Silicone-Covered Hot Stock and Water

Specially designed for applications requiring release of wet, sticky, or warm products like uncured rubber and PVC. These belts are used primarily in the tire and rubber industry. Coatings available in different colors and thicknesses. Other base belts available, priced on application.

46a 3 Ply Red Silicone-Covered HSW

46b 4 Ply Red Silicone-Covered HSW

46c 3 Ply HSW with 1/32" White Smooth Silicone x FS



4 Ply Hot Stock and Water

Bare duck surface down for lowest possible friction for slider bed use, and up for deflector bar applications; ideal as slip-top belt for "stall" operations. As a "hot stock and water" belt, it is used for conveying uncured rubber in tire plants. Construction is 1 ply of bare hard sliver duck and the other three of 28 oz. cotton.

47 4 Ply Hot Stock and Water



CP 30 1/16" Smooth x FS

Popular general-purpose utility belt featuring tough rubber top cover and friction surface bottom for slider bed use. Heavy duck plies give belt good rigidity and body. Commonly used in the lumber industry. Is often used as 4" wide belts on V-guided APC conveyors.

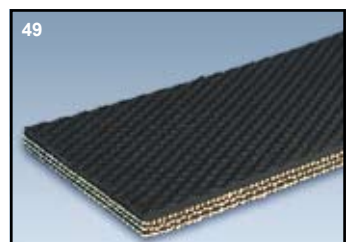
48 3 Ply CP 30 Black 1/16" x FS



CP 30 1/16" Pebbletop x FS

This belt features the same rugged construction as No. 48, but has a "pebbletop" rippled textured pattern for increased traction. No. 49 is a popular replacement belt for 4 inch wide V-guided APC conveyors.

49 3 Ply CP 30 Black 1/16" Pebbletop x FS



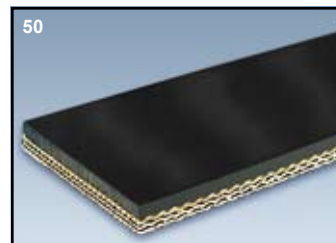
BELT SAMPLES ARE AVAILABLE! CALL FOR DETAILS.

PACKAGE HANDLING / UTILITY / INCLINE BELING

1/8" Urethane Cover x FS

This premium belt features a cast polyurethane cover 1/8" thick. Recommended where highly abrasive cutting action would destroy a rubber-covered belt in short order. Particularly suitable for wear pads, cutting blocks, stamping operations, die cutting, roof tile manufacturing, and belt sanding units. Excellent for sharp steel parts and scrap. Available in various colors for special orders.

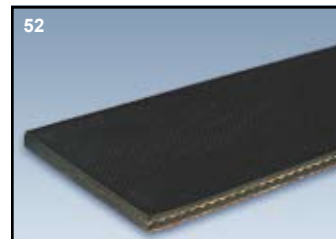
- 50** 3 Ply Hot Stock and Water Black 1/8" Urethane x FS



2 Ply Bare Bottom

These belts feature a high-strength 2 ply polyester carcass. No. 51 is ideal for applications requiring a low coefficient of friction on both the top and bottom. No. 52 is an economical general purpose package handling belt, also used in agriculture. *No. 53 is for heavier moderate oil resistant applications needing a tough cover with a low-friction bottom and is also available in 220 lb. PIW. **No. 53b is in stock but not shown in our full line sample catalog.

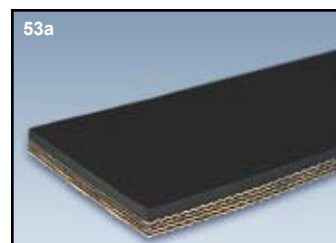
- 51** 2 Ply 220 Tan Bare x Bare
52 2 Ply 150 Black 1/32" x Bare
53 2 Ply 160 * Black 1/8" x Bare MOR
53b 2 Ply 220 Black 1/8" Smooth Top x Bare MOR **



Black Smooth Nitrile Top x Bare

No. 53a is a smooth top belt used for the wood sander and metal finishing industries. Abuse-resistant nitrile top cover makes this belt ideal for oily cut and gouge applications.

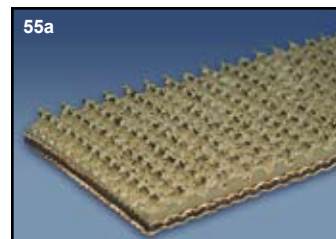
- 53a** 4 Ply 180 Black 3/32" Smooth Nitrile Top x Bare



2 Ply Black, Tan, and Gray Roughtop

Construction is two plies of high-strength, all-synthetic polyester fabrics. Very flexible, yet stretch and moisture resistant incline/decline belts. Tan and gray roughtop are non marking. No. 54(FR) is a premium flame retardant belt and an excellent choice for spiral incline power turn systems; see page 22 for more information. *In stock but not shown in Beltservice's full line sample catalog.

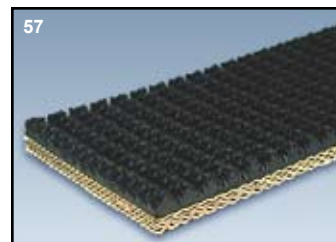
- 54** 2 Ply 150 Black Roughtop x Bare
54FR 2 Ply 150 Black Roughtop x Bare FR *
55 2 Ply 150 Tan Roughtop x Bare
55a 2 ply 210 Gray Roughtop x Bare



3 and 4 Ply Black Roughtop

Long a popular standard in the industry. Often used as pulley lagging. The cotton/polyester blend carcass of Nos. 56 and 57 gives a hefty appearance and cushioning effect. No. 56a is an excellent choice for high tension systems that require a belt with low-stretch characteristics.

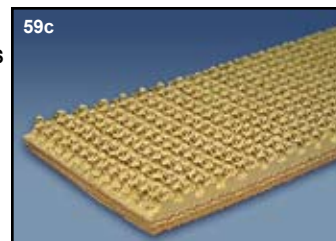
- 56** 3 Ply CP 30 Black Roughtop x FS
56a 3 Ply 225 Black Roughtop x Bare
57 4 Ply CP 30 Black Roughtop x FS



Tan Rubber & Pure Gum Roughtop

Tan color is non-marking. The genuine gum is soft durometer for highest grab, steepest inclines and long wear where required. The tan rubber is more economical, yet highly serviceable. Three and four ply bare bottom construction is popular for sanding machinery applications.

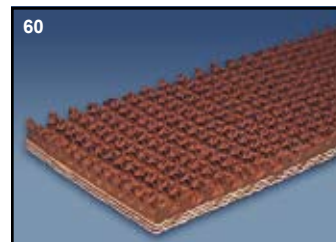
- 58** 3 Ply CP 30 Tan Rubber Roughtop x FS
59 3 Ply CP 30 Tan Genuine Pure Gum Roughtop x FS
59a 2 Ply 160 Tan Pure Gum Roughtop x Bare
59b 3 Ply 180 Tan Pure Gum Roughtop x Bare
59c 4 Ply 240 Tan Pure Gum Roughtop x Bare
60a 3 Ply 225 Tan Pure Gum Roughtop x Bare
60b 3 Ply 225 Tan Rubber Roughtop x Bare



Poly Brown Nitrile Roughtop

Nitrile construction resists oil, heat, grease, and chemical exposure. Our specification is made of 135 lb.-rated all polyester for high strength and low stretch, yet is very flexible for small pulleys.

- 60** 3 Ply Poly 135 Brown Nitrile Roughtop x FS



BELT SAMPLES ARE AVAILABLE! CALL FOR DETAILS.

INCLINE BELTING

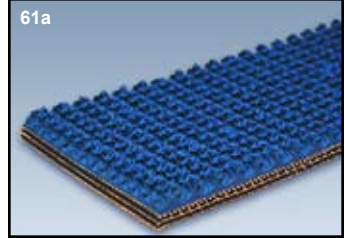
3 Ply Tan and Blue Carbox Nitrile Roughtop

Carbox nitrile roughtop yields vastly longer service life than rubber roughtop. It is ideal where regular roughtop surfaces wear down quickly and must be replaced. These belts feature a strong synthetic carcass. *No. 61b, with a friction surface bottom, is also stocked but not shown in Beltservice's full line sample catalog. These belts are popular for handling cardboard cartons.

61 3 Ply 135 Tan Carbox Nitrile Roughtop x Bare

61a 3 Ply 150 Blue Carbox Nitrile Roughtop x Bare

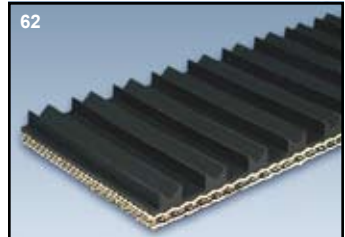
61b 3 Ply 150 Blue Carbox Nitrile Roughtop x FS*



3 Ply Black V-Ridge

Cross corrugated peaks are equivalent to small cleats; will convey on high inclines. M-shaped ridges are soft, yet durable, and will self clean as they go around pulleys. Frequently used to convey cardboard cartons.

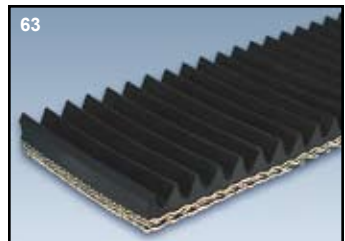
62 3 Ply CP30 Black V-Ridge x FS



3 Ply Black Duralift

Long wearing, solid inverted V-shaped ridges prevent back sliding on high inclines. Self-cleaning belt is popular as case conveyor belt in the bottling industry.

63 3 Ply CP30 Black Duralift x FS



3 Ply Black and Tan Gum Steepgrade

Features soft, oval-shaped nubs for gripping packages and products for very steep inclines. The molded projections prevent slip-back, providing a cushioning, pocketing effect for all sizes and shapes of boxes. No. 65 Tan Genuine Pure Gum is softer durometer for the highest inclines. Both are good for slider bed applications.

64 3 Ply CP30 Black Steepgrade x FS

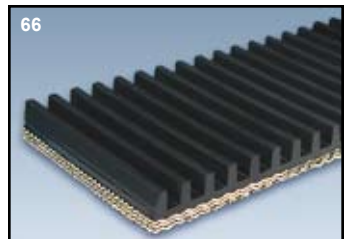
65 3 Ply CP30 Tan Genuine Pure Gum Steepgrade x FS



3 Ply Black Ribflex

Top surface features soft flexible parallel ribs enabling it to convey on the steepest inclines. Maintains full incline ability throughout life of the belt.

66 3 Ply CP30 Black Ribflex x FS



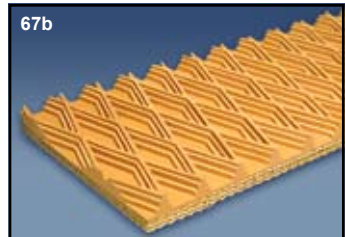
Black and Tan Wedgegrip

Belts are constructed of plies of high-strength flexible synthetic carcass and feature a diamond-top surface molded in a diagonal rib design with an unusually high coefficient of friction; for conveying packaged and bagged goods up the very steepest of inclines. Tan Wedgegrip is non-marking. 3 ply No. 67b is used for sanding applications. * See additional specialty surface finishing belts 53a, 135, 136W, 137, and 139.

67 2 Ply 150 Black Wedgegrip x Bare

67a 2 Ply 150 Tan Wedgegrip x Bare

67b 3 Ply 225 Tan Wedgegrip x Bare*

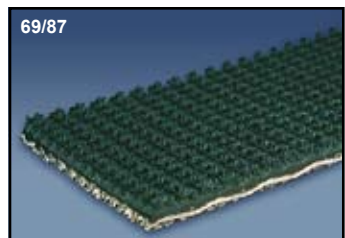


PVC Roughtops

Uni-ply construction and PVC vinyl compounds result to combine all the best properties for high-traction incline conveying and best resistance to oils, greases, industrial chemicals, abuse, and stretch. The green Supergrip has a softer durometer for the highest grab and steepest inclines.

68/86 PVC - 120 Black Roughtop x FS

69/87 PVC - 120 Green Supergrip Roughtop x FS



BELT SAMPLES ARE AVAILABLE! CALL FOR DETAILS.

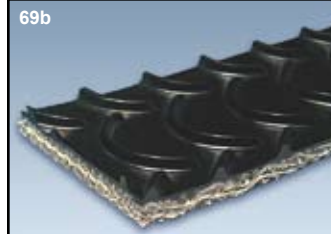
INCLINE / BLACK HEAVY DUTY BELTING

PVC Black Crescent Top

Aggressive scoop pattern for high incline conveying. Crescent pattern creates hundreds of tiny "buckets" capable of conveying liquids along with solids. Conversely, the belt can be run in the opposite direction, and the upside-down crescents convey solids while draining off liquids. Belt operates smoothly and quietly on the return. Good tubeveyor belt.

69a PVC - 120 Black Crescent Top x FS

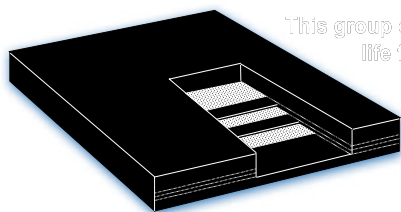
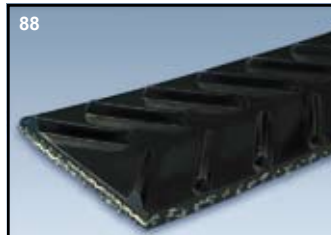
69b PVC - 200 Black Crescent Top x FS



PVC - 100 Black Chevron Top

The herringbone pattern of alternating rows of solid PVC chevrons forms a cover highly capable of moving bulk, free-flowing materials such as grains, food stuffs, feeds, and fertilizers up steep inclines. Ideal for tubeveyors. See also solid woven PVC belting section on pages 13 and 14.

88 PVC - 100 Black Chevron Top II x MOR



This group of belts is designed and compounded to provide the longest service life for the most commonly found bulk haulage operating environments.



2 Ply Standard Black Heavy Duty - High Abrasion Resistant

"Standard" is compounded to provide excellent abrasion resistance and flex life and is the best buy for the majority of conveyor belt applications. Its high-tension synthetic fabrics result in minimum stretch, full resistance to mildew and rot, greatest fastener holding ability and impact resistance and highest adhesion between plies and covers.

52 2 Ply 150 Black 1/32" x Bare

70 2 Ply 150 1/32" x 1/32"

70a 2 Ply 150 1/16" x 1/32"

71 2 Ply 150 1/8" x 1/32"

72 2 Ply 150 1/8" x 1/16"

73 2 Ply 220 1/8" x 1/16"

75 2 Ply 220 3/16" x 1/16"



3 Ply Standard Black Heavy Duty - High Abrasion Resistant

These belts feature the same compounds and fabric as the 2 ply belts above, but offer an additional ply to provide extra strength and impact resistance. No. 80b is used primarily on high-tension conveyors and elevators with long centers or in abusive situations. * Not shown in Beltservice's full line sample catalog due to belt's thickness.

77 3 Ply 330 3/16" x 1/16"

77c 3 Ply 330 1/16" x Bare

77d 3 Ply 330 3/16" x Bare

78 3 Ply 330 1/4" x 1/16"

80b 3 Ply 600 1/4" x 1/16"

80d 3 Ply 600 3/8" x 1/8"*



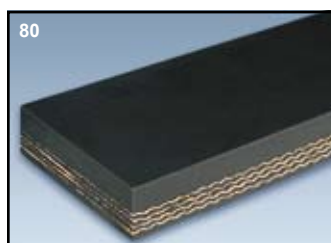
4 Ply Standard Black Heavy Duty - High Abrasion Resistant

Same fabric and compounds as 2 and 3 ply heavy duty belts, shown on this page, however 4 ply construction offers higher strength and impact resistance. Used often on high tension conveyors with long centers, or in applications involving abusive conditions.

77e 4 Ply 440 1/4" x Bare

80 4 Ply 440 1/4" x 1/16"

80a 4 Ply 440 3/8" x 3/32"



2 and 3 Ply Moderate Oil Resistant

Combines excellent abrasion resistance and long flex life with moderate oil resisting properties. Ideal belt for conveying oily grains and wood chips.

*220# is also available for belt No. 53.

*Not shown in Beltservice's full line sample catalog.

53 2 Ply 160 Black 1/8" x Bare MOR*

74 2 Ply 220 1/8" x 1/16" MOR-SC

75a 3 Ply 225 1/8" x Bare MOR

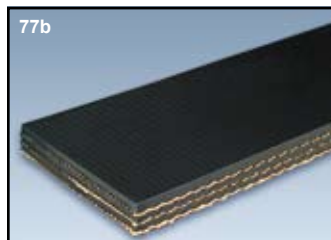
75b 2 Ply 220 3/16" x 1/16" MOR-SC

77a 3 Ply 330 3/16" x 1/16" MOR-SC

77b 3 Ply 330 3/32" x Bare MOR

77f 3 Ply 330 3/16" x Bare MOR**

80e 3 Ply 600 3/16" x Bare MOR



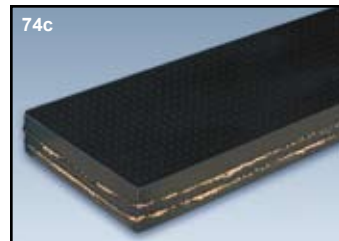
BELT SAMPLES ARE AVAILABLE!

BLACK HEAVY DUTY BELTING

2 Ply Flame Resistant-SBR

Designed for mining applications where fire resistance is required. Meets the requirements of power plants where oil resistance is not required. Carries the FR designation for flame resistance.

74c 2 Ply 220 5/32" x 3/32" FR-SBR



2 and 3 Ply FR Oil Resistant-Static Conductive

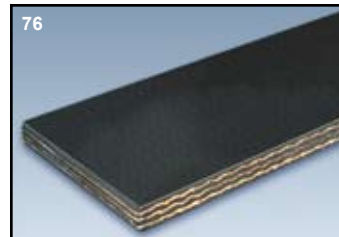
Specially compounded for the oily effects of grain, this belt is also static conductive. Carries the FR designation for flame resistance. Designed for grain conveyors and elevators where static charges must be held to a minimum. SOR compound, resistant to vegetable oil sprays, is available in Nos. 74b, 76 and 80c.

74a 2 Ply 220 1/8" x 1/16" FR-SC-MOR

74b 2 Ply 220 1/16" x 1/16" FR-SC-SOR

76 3 Ply 330 1/16" x 1/16" FR-SC-SOR

80c 3 Ply 600 1/16" x 1/16" FR-SC-SOR

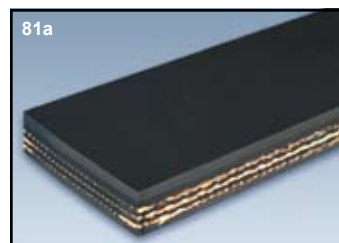


Super Oil Resistant - (Hot Asphalt)

"Super Oil Resistant" is specially compounded for applications requiring moderate to very high oil resistance such as hot asphalt, foundries, oily grains, machine oils, and oil treated coal. These belts have the same high-quality fabric characteristics as "Standard."

81 2 Ply 220 3/16" x 1/16" Hot Asphalt SOR

81a 3 Ply 330 3/16" x 1/16" Hot Asphalt SOR



High Heat Resistant - 400°

"High Heat Resistant" premium grade belts feature compounds specially formulated to withstand temperatures to 400°F. They offer maximum resistance to the deteriorating effects of severe heat encountered in many applications such as in cement plants and foundries; they also tough and abrasion resistant. * In stock but not shown in Beltservice's full line sample catalog

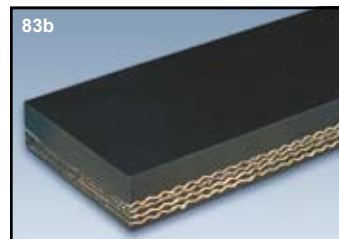
82 2 Ply 220 3/16" x 1/16" Heat Resistant 400°F

82b 3 Ply 300 3/16" x 1/16" Heat Resistant 400°F *

83 3 Ply 330 1/4" x 1/16" Heat Resistant 400°F

83a 3 Ply 225 1/8" x Bare Heat Resistant 400°F

83b 4 Ply 440 1/4" x 1/16" Heat Resistant 400°F

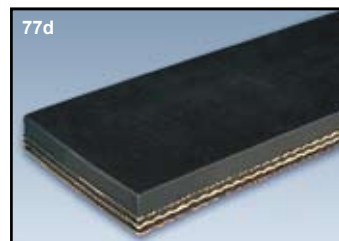


3 Ply Cover x Bare

Belts designed for medium to heavy-duty applications where no oil or wood terpenes are present. Ideal for use on slider bed conveyors.

77c 3 Ply 330 1/16" x Bare

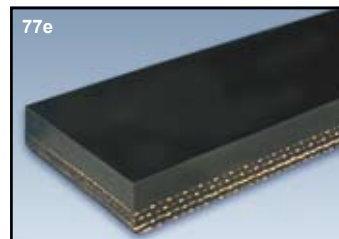
77d 3 Ply 330 3/16" x Bare



4 Ply Cover x Bare

This belt is ideal for medium to heavy-duty service in slider bed applications. It was designed for use where no oil or wood terpenes are present.

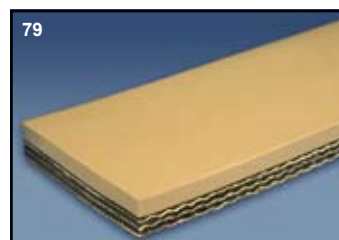
77e 4 Ply 440 1/4" x Bare



3 Ply 225 Tan Pure Gum x Bare

Popularly used in the lumber industry as a slow down belt. No. 79 is a versatile belt that can be used in temperatures ranging from -40°F to 250°F (intermittent).

79 3 Ply 225 3/16" Tan Pure Gum x Bare



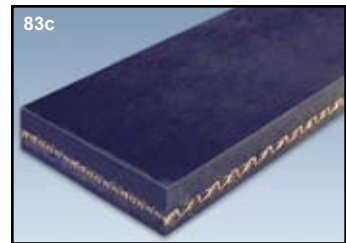
BELT SAMPLES ARE AVAILABLE! CALL FOR DETAILS.

BLACK HEAVY DUTY / SOLID WOVEN PVC BELTING

Single-Ply Straight-Warp

The 83c "Rock It!" is a premium heavy duty belt constructed with a reinforced carcass and Grade 1 top and bottom covers. Single-ply straight-warp belts characteristically resist longitudinal tears and gouging caused by heavy load impacts at rock crushers and quarries. They possess superior lace retention and troughability, with low stretch. * In stock but not shown in Beltservice's full line sample catalog.

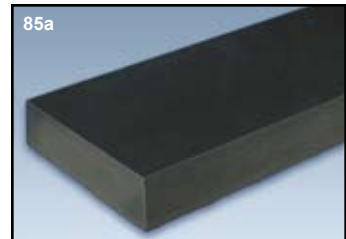
- 83c** 1 Ply 440 1/4" x 1/8" Single-Ply Straight-Warp Grade 1 "Rock It!"
- 83d** 1 Ply 225 1/8" x 1/16" Single Ply Straight-Warp*



Skirtboard Rubber/Chute Lining

Used at the point of loading for guiding product onto the center of the belt and for protecting metal parts. Also useful for lining metal and wood chutes, hoppers, and troughs. Commonly found in construction, sand and gravel operations, quarries and mines, and in feed and grain applications. *In stock but not shown in Beltservice's full line sample catalog. **Not shown in Beltservice's full line sample catalog due to belt's thickness.

- 84a** 1/8" Skirtboard*
- 84** 1/4" Skirtboard
- 85** 3/8" Skirtboard
- 85a** 1/2" Skirtboard**
- 85b** 3/4" Skirtboard**
- 85c** 1" Skirtboard**



PVC Roughtops

Rough textured, non-skid surface enables packages, boxes, cases, and other products to be conveyed on incline or decline. Uni-ply construction and PVC compounds combine all the best properties for high traction conveying and best resistance to oils, greases, water, industrial chemicals, abuse, and stretch. Supergrip is softer durometer for highest grab and steepest inclines. Red No. 87a has outstanding strength and is used extensively in particle board and plywood manufacturing.

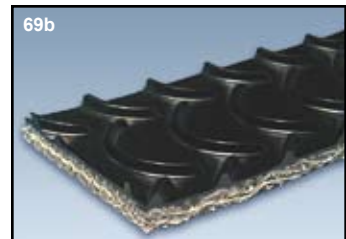
- 86/68** PVC - 120 Black Roughtop x Brushed
- 87/69** PVC - 120 Green Supergrip Roughtop x Brushed
- 87a** PVC - 200 Red Supergrip Roughtop x Brushed



PVC Black Crescent Top

Aggressive scoop pattern for high incline conveying. Crescent pattern creates hundreds of tiny "buckets" capable of conveying liquids along with solids. Conversely, the belt can be run the opposite direction, and the upside-down crescents convey solids while draining off liquids. Belt operates smoothly and quietly on return. Good tubeveyor belt.

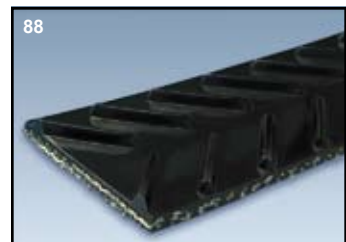
- 69a** PVC-120 Black Crescent Top x FS
- 69b** PVC-200 Black Crescecent Top x FS



PVC-100 Black Chevron Top

The herringbone pattern of alternating rows of solid PVC chevrons forms a cover highly capable of moving bulk, free-flowing materials such as grains, food stuffs, feeds, and fertilizers up steep inclines. Ideal for tubeveyors.

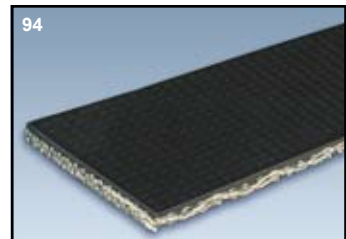
- 88** PVC-100 Black Chevron Top II x Brushed MOR



PVC - 120 and 150 Black

Has proven to be the longest wearing, best performing, most problem free package handling belt available today. Economical, general purpose specifications ideal for a variety of slider bed, roller bed, and live roller applications. Offer low stretch, high fastener holding ability and superior rip, tear, and gouge resistance.

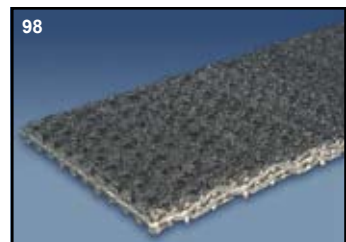
- 90** PVC - 120 Black C x C
- 91** PVC - 120 Black C x Brushed
- 92** PVC - 120 Black FS x Brushed FR
- 93** PVC - 150 Black C x C
- 94** PVC - 150 Black C x Brushed
- 95** PVC - 150 Black FS x Brushed FR



PVC - 200 Black

Problem free, high performance elevator belt popular in the feed and grain industries. Also popular as heavy duty package and bulk product conveyor belt.

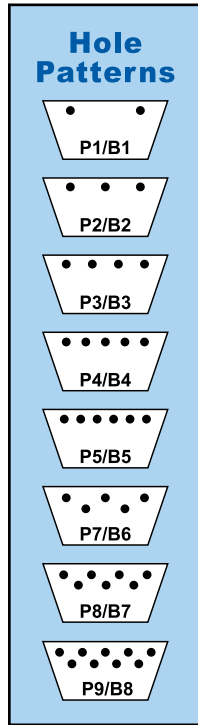
- 96** PVC - 200 Black C x C SC/FR
- 97** PVC - 200 Black C x Brushed
- 98** PVC - 200 Black FS x Brushed FR



BELT SAMPLES ARE AVAILABLE! CALL FOR DETAILS.

SOLID WOVEN PVC / LIGHTWEIGHT THERMOPLASTIC BELTING

Elevator Belt Selection Information



Hole Pattern: _____

Hole Diameter: _____

A – Hole Centers: _____

B – Row Centers: _____

C – Bucket Centers: _____

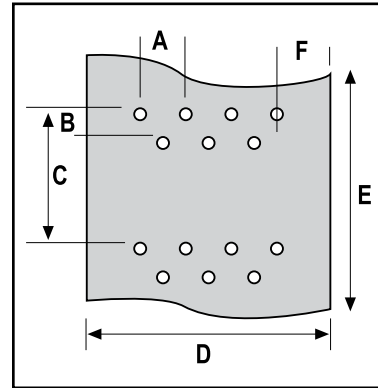
D – Belt Width: _____

E – Belt Length: _____

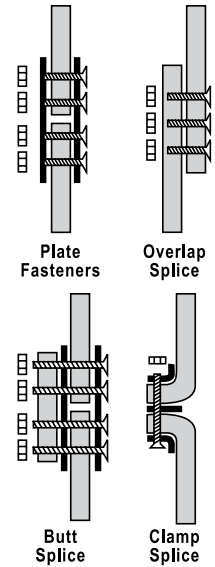
F – Edge to center of outside hole: _____

Splice Style: _____

Belt Description: _____



Splices



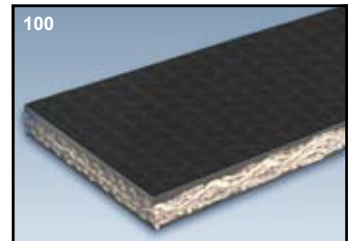
**Rubber, PVC and food belt types available
FROM STOCK!**

PVC - 250, 350, 450, and 750 Black

The most common, best performance yield elevator belting available in the feed and grain industry. These belts feature low stretch, trouble free operation with high bucket bolt-holding ability. Resistant to grain oils, moisture, mildew, and rot.

*In stock but not shown in Beltservice's full line sample catalog.

98a	PVC - 250 Black C x C SC/FR*
99	PVC - 350 Black C x C SC/FR
100	PVC - 450 Black C x C SC/FR
101	PVC - 750 Black C x C SC/FR



MonoPro® PVC Cover x Bare

No. 102 offers a limited release plus stain and abrasion resistance; ideal for baking, candy, and frozen foods – not for animal fats or harsh chemicals. No. 107 is a heavier version of No. 102 for more demanding applications. The 107ASQ has a quiet weave antistatic bottom fabric that makes it an ideal choice for low noise applications. The 107ASB is used in light duty industrial conveying. *In stock but not shown in Beltservice's full line sample catalog.

102	E5/1 0/V/5 White NA FDA
107	E8/2 U0/V/5 White NA FDA
107ASQ	E10/2 0/V/5 QW White AS FDA*
107ASB	E12/2 0/V/5 Black AS*



MonoPro® White Polyurethane RC x Bare

These high release non-stick belts are ideal for candy manufacturing, cooling tunnels, enrobers, metal detectors, and check weighers. Both meet FDA standards and resist animal fats and chemicals. No. 108RCAS is excellent for baking and candy applications as well as red meat, poultry, and fish processing. Both belts are antistatic.

103RCAS	E5/1 U0/U/3 White RC AS FDA
108RCAS	E/8/2 U0/U/4 White Matte AS FDA



MonoPro® 2 & 3 Ply Poly PVC/PU Bare x Bare

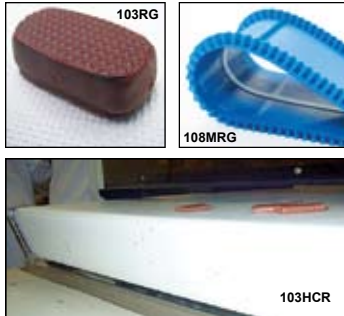
Nos. 104 & 104AS meet FDA standards and are excellent for accumulation and diverting applications. 104 is oil and grease resistant, as well as being odorless, while 104AS has a low friction polyester fabric on both sides, PU skim, and is antistatic. Three ply No. 104B has a PU impregnated top cover and quiet weave (QW) bottom. It is designed for tough, highly abrasive applications. *In stock but not shown in Beltservice's full line sample catalog.

104	E8/2 0/V/0 White NA FDA*
104AS	E10/2 U0/U/0 White AS FDA
104B	E15/3 U1/QW Black AS



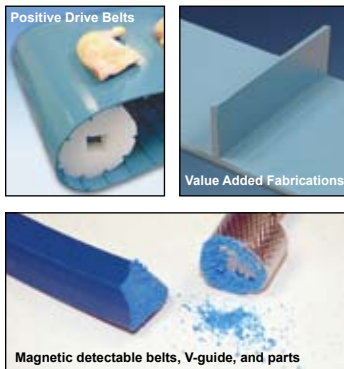
QUALITY LIGHTWEIGHT THERMOPLASTIC BRAND NAMES

Four distinct brand names comprise Beltservice's lightweight thermoplastic line: (1) PolyPro Plus®; (2) Magnethane™; (3) ZipLink; and (4) MonoPro®. PolyProPlus® is Beltservice's premium line of European-style thermoplastic belting that is designed for durability and extended service life. Magnethane™ belts and products are made of an exclusive blend of FDA-approved metal detectable thermoplastic resins. ZipLink belts combine rubber cover materials with a structured spiral link mesh that can be easily spliced at any length into a continuous belt – without the need for special tools. MonoPro™ includes all other specifications in Beltservice's broad inventory of highly versatile lightweight thermoplastic belts. Detailed specifications of PolyPro Plus®, ZipLink, and MonoPro® belts are on pages 56-59. Also see ProTurn® power turn belts on pages 23-24

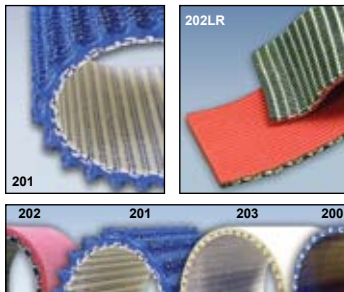


PolyPro Plus® belts (pgs. 17 and 59) feature:

- Excellent dimensional stability
- Meets FDA and EU regulations
- Can be used in a wide range of applications
- Several specifications are ideal for corrugated sidewall and/or cleat fabrications
- Belts lay absolutely flat with no edge curling
- Exceptional splice quality



If any part of a Magnethane™ belt should chip, abrade, or separate into the product being conveyed, a properly calibrated metal detector will register. Magnethane™ belts and parts are the next generation of "safety net" products for progressive food manufacturers and packagers. For product specifications or more information, contact a Magnethane™ product specialist at 800-727-2358 or e-mail sales@beltservice.com.



ZipLink belts (pg. 59) feature:

- Quick and easy splices without special tools
- No loss of strength in splice area
- Low stretch polyester monofilament carcass
- Troughable
- Ideal for conveying situations where minimum downtime is critical



MonoPro® belts (pgs. 15-22 and 56-59) encompass the majority of Beltservice's lightweight European-style IN STOCK thermoplastic inventory. Cover compounds and surface textures are offered for most conveying situations: FDA regulation, extreme temperature resistance, oil and fat resistance, cut and abrasion resistance, and sticky product release.

For assistance with a belt recommendation or to learn more about Beltservice's brand name lightweight thermoplastic belts, call 800-727-2358. E-mail inquiries to sales@beltservice.com.

LIGHTWEIGHT THERMOPLASTIC BELTING

MonoPro® 2 Ply Poly/Cotton PVC Bare x Bare

Both belts have a polyester carcass with a cotton cross member, making them an ideal choice in dough handling applications. No. 105 has good absorption properties and is oil and grease resistant. No. 106 has virtually no stretch, like a poly belt, while it handles dough like a cotton belt. Its rough Pan-O-Mat surface grips dough well for molders and sheeters. These belts meet FDA standards and are non-antistatic.

105 EC5/2 0/V/0 Tan NA FDA

106 EC5/2 0/0 Natural NA FDA



MonoPro® 3 Ply Poly Trans PVC x Bare

Both sides of the 304AS are PVC impregnated polyester for excellent wear characteristics, and it is antistatic. Common applications are coil wrappers, automotive stamping outfeed conveyors, and food applications for dry food contact only. *In stock but not shown in Beltservice's full line sample catalog.

304AS BES20/3 U0/V0 AS*

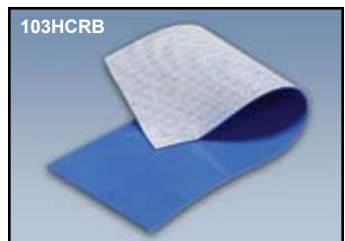


PolyPro Plus® 1 Ply Polyurethane x Bare

These premium belts feature a highly cross rigid PU impregnated carcass with excellent dimensional stability for extremely long and wide conveyors. They are perfect for cooling tunnels, with excellent release. Knife edge and slider bed suitable; also antistatic. Both comply with FDA and EU regulations for conveying food products.

103HCR E7/1 U0/U5 White AS FDA

103HCRB E7/1 U0/U5 Blue AS FDA



PolyPro Plus® 1 Ply Polyurethane "Rice Grain" x Bare

This one ply rigid-weft construction is suitable for slider bed, roller bed, or troughed bed conveyors. Its Rice Grain (RG) non-stick profile has a high release and is easily cleaned. Ideal for candy and chocolate factories, also small parts on metal detector conveyors. No. 103RG is non-antistatic and complies with FDA and EU regulations for conveying food.

103RG E5/1 U0/U5 RG White HR NA FDA

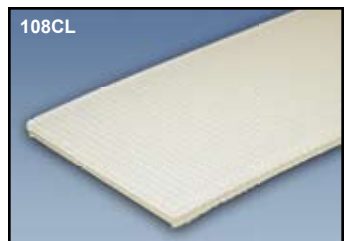


PolyPro Plus® 2 Ply Clear Matte Polyurethane x Bare

The 108CL is Beltservice's top of the line belt for eddy current, meat preparation, deboning, metal stamping, optical scanning, and automotive applications. No. 108HCR is excellent for Z-shaped conveyors and is antistatic, with a thinner 2.35mm overall thickness. Both belts are FDA and EU compliant and are ideal for corrugated sidewall and/or cleat fabrications.

108CL E13/2 U0/U16 Clear Matte NA

108HCR E13/2 U1/U75 Clear Matte AS FDA



PolyPro Plus® 2 Ply White Glossy Polyurethane x Bare

No. 108GL is a premium two-ply belt with a high gloss top cover that has excellent release qualities for candy and prepared food applications. Its rigid PU carcass construction makes it dimensionally stable for extended service life. The 108GL meets FDA standards for use on smaller pulleys (knife edge suitable) in the food and pharmaceutical industries. It is non-antistatic and is easy to clean.

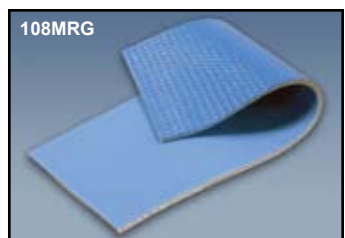
108GL E10/2 U0/U2 White PU GL NA FDA



PolyPro Plus® 2 Ply Blue Matte Polyurethane x Cover

The 108MRG's PU top cover was designed for the easy release of food products. Its high gloss Rice Grain (RG) bottom profile has excellent wear characteristics. The belt's good dimensional stability makes it ideal for long conveying applications, slider bed, roller bed, or troughed bed conveyors. The 108MRG is non-antistatic and can be used on metal detectors. Complies with FDA and EU regulations for conveying food products.

108MRG EM14/2 U3RG/U3 Blue M NA FDA



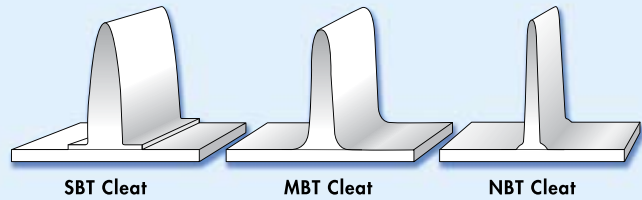
BELT SAMPLES ARE AVAILABLE! CALL FOR DETAILS.

LIGHTWEIGHT THERMOPLASTIC BELTING

HIGH FREQUENCY PVC AND PU CLEATS

Our newest generation of cleats has been designed for use with thermoplastic belting in a wide range of applications. These new cleats come in three groups:

- (1) SBT - Standard Base PVC T-Cleats for general, FDA, and non-food applications.
- (2) MBT - Medium Base PVC T-Cleats for general, FDA, and non-food applications. Ideal for 2" pulleys and above.
- (3) NBT - Narrow Based PU T-Cleats for general and FDA food applications with small pulley diameters. For pulley applications below 2" see thermoplastic specifications on pages 56-59.



SBT Cleat

MBT Cleat

NBT Cleat

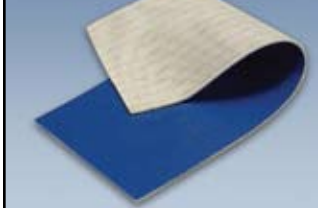
MonoPro® 2 Ply Polyurethane x Bare

These are all purpose FDA compliant food belts designed for use in direct food contact and general purpose light duty conveying systems. White No. 108B is non-antistatic and an excellent metal detector belt. Their PU impregnated bottom fabric seals off the ingress of oils, fats, and particulate that cause delamination and shrinkage. Blue No. 108BPU is antistatic. *In stock but not shown in Beltservice's full line sample catalog.

108B E8/2 U0/U3 White NA FDA*

108BPU E8/2 U0/U3 Blue FDA AS

108BPU



MonoPro® 2 Ply Inverted Pyramid x Bare

This belt's inverted pyramid (IP) top cover increases the grip on product, making it excellent for slight inclines or declines. No. 109 is resistant to mild solvents, oils, greases, and salt. It is often used to convey vegetables and fish. In the baking industry, No. 109 is used for handling breads, cookies & crackers, and is ideal for sheeters and molders for pastry and dough.

109 E12/2 0/V7 White IP FDA

109



MonoPro® 2 Ply White PVC x Bare

A heavier construction multifilament belt ideal for troughing and power turn applications. It offers greater resistance to cutting and abrasion. Often used in baking, cheese processing, and for conveying fish and vegetables. Used in small surge bins in soap and cereal manufacturing. This FDA approved belt is resistant to vegetable and fish oils and mild solvents. *In stock but not shown in Beltservice's full line sample catalog.

110 EF13/2 U0/V8 White FDA*

110



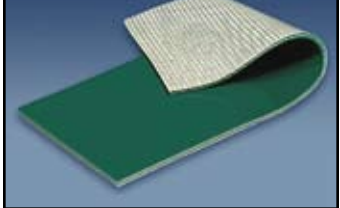
MonoPro® 2 Ply Green PVC x Bare

No. 111A's abrasion resistant PVC cover is ideal for use on fiberglass in box board plants. It is also antistatic and can be used for conveying electronic parts. No. 111B is non-antistatic, designed for cleat and sidewall belt applications on eddy current machines. *In stock but not shown in Beltservice's full line sample catalog.

111A E8/2 0/V5 Green AS

111B E12/2 0V1 Green PVC Gloss NA*

111A



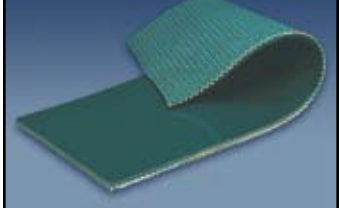
MonoPro® 2 Ply Green Polyurethane x Bare

Nos. 113 and 113D offer good resistance to oils, fats, and solvents; both are antistatic; and both have durable PU top covers, making them excellent belts for metal stamping and parts conveying. Their heavy PU covers and fabric impregnation provide long-term strength and small pulley capacity. The 113D's top cover has a gloss finish and it is also FDA approved for the transport of unpacked foodstuffs.

113 E8/2 0/U3 M Green AS

113D E17/2 U1/U10 Green AS FDA

113D



MonoPro® 2 Ply Black PVC x Bare

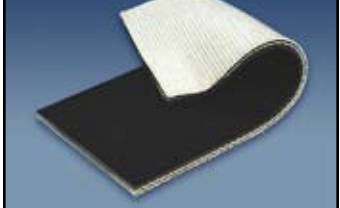
No. 107ASB has a high strength polyester carcass, high grade PVC top cover, and is antistatic. Also antistatic matte finish No. 112, is used extensively for checkout counter applications, is easy on inspectors' eyes, and also used for conveying electronic parts. No. 114 is a heavy duty general purpose belt with thick PVC top cover; it can be troughed where needed. *In stock but not shown in Beltservice's full line sample catalog.

107ASB E12/2 0/V5 Black AS*

112 E8/2 0V5 Black M AS

114 EM13/2 0/V10 Black NA*

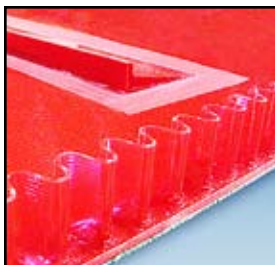
114



BELT SAMPLES ARE AVAILABLE! CALL FOR DETAILS.

LIGHTWEIGHT THERMOPLASTIC BELTING

LIGHTWEIGHT SIDEWALLS



These versatile belts are fabricated with PVC and polyurethane (PU) corrugated sidewalls for a wide range of lightweight monofilament conveying applications. FDA approved and resistant to oil and animal fat, thermoplastic sidewall belts are designed for pulley diameters down to 2-3/8".

LIGHTWEIGHT SIDEWALL WORKSHEET

CUSTOMER: _____ **DATE:** _____

P.O. #: _____ JOB#: _____

Contact: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: (_____) _____ Fax: (_____) _____

D E S I G N D A T A

Base Belt: _____ Belt Length: _____ Belt Width (BW): _____

Sidewall Type: ☐ PVC ☐ PU ☐ Nitrile Sidewall Height (SH): _____

Sidewall Recess to Edge of Base (SR1): _____

Sidewall Recess to Edge of Convolutions (SR2): _____

Cleat Type: ☐ PVC ☐ PU ☐ PU Ramp ☐ Nitrile ☐ RF ☐ SBT ☐ MBT ☐ NBT ☐ Scoop

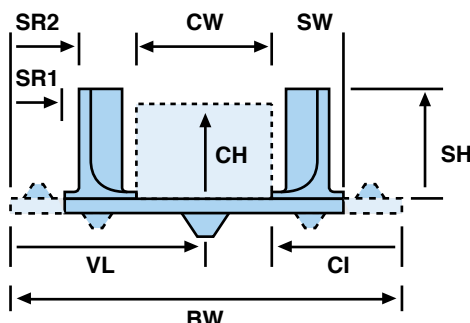
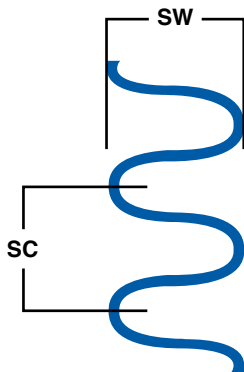
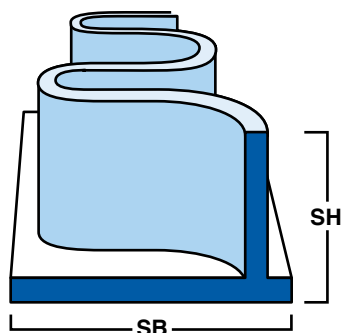
Cleat Height (CH): _____ Cleat Indentation (CI): _____ Cleat Spacing: _____

V-Guide Type: ☐ PVC ☐ PU ☐ Nitrile V-Guide Size: _____

V-Guide Location (VL): _____

Endless Prepared: _____ Prep Lap: _____

Lacing: _____



Photocopy, complete and FAX to: (314) 344-8511 or email: sales@beltservice.com

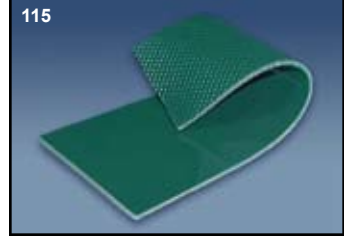
LIGHTWEIGHT THERMOPLASTIC BELTING

MonoPro® 2 & 3 Ply Green PVC x IP

The 115 and 115A are general purpose conveyor belts used when a cover is needed on both sides. They have a smooth PVC top cover with inverted pyramid (IP) bottom cover; commonly seen in material handling applications and on roller bed conveyors. Two ply No. 115 is antistatic, while heavier 115A is a non-antistatic three ply belt. *In stock but not shown in Beltservice's full line sample catalog.

115 E10/2 V10IP/V10 Green AS

115A E15/3 V08IP/V07 Green NA*



MonoPro® 2 Ply Green PVC Roughtop x Bare

The soft PVC roughtop cover makes No. 116 a good choice for incline/decline applications. The 116 is ideal for situations requiring smaller pulley diameters. This versatile belt is often used in the corrugated box board industry and in case sealers. It features a polyester carcass with monofilament construction to eliminate stretching and edge curl.

116 E9/2 0/AS/V40 Green PVC RT NA

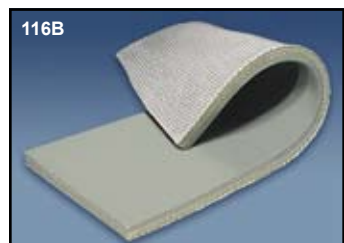


MonoPro® 2 & 3 Ply Sticky Top x Bare

The soft durometer "sticky top" (ST) cover of the 116A is ideal for elevating. Both belts are very popular in conveying packages and box board. Since there is no profile that must be compressed to elevate, lightweight products are gripped as well as heavier ones. No. 116B has improved abrasion resistance and is excellent for heavy load applications where impact and extreme service conditions are common. Both belts are antistatic.

116A E15/2 0/V20 AS Blue PVC x B

116B E22/3 0/ASV20 Gray ST



MonoPro® 2 Ply Green PVC Jink Roughtop x Bare

The 116J has a soft PVC top cover profile that makes it great for incline/decline applications. It is used in distribution centers for sorting, indexing, and case taper belts. The top cover is designed to reduce noise on snub rollers and to eliminate the vibration or jumping effect from small diameter snub rollers. Consider this belt for applications needing small pulleys. *In stock but not shown in Beltservice's full line sample catalog.

116J E10/2 0/V37 Green Jink RT x QW NA*



MonoPro® 3 Ply White PVC x Bare

Three plies of non-antistatic monofilament polyester make No. 117 ideal for the toughest food handling applications. Resistant to mild solvents, vegetable and fish oils, it can also be used in heavy duty corrugated box board manufacturing and in vacuum applications. The 117A is a highly cross rigid (HCR) belt, designed for use on horizontal-to-incline and "Z" type conveyor configurations; it is antistatic, and can handle small pulley diameters.

117 E13/3 0/V10 White FDA NA

117A E15/3 0/V5 HCR White PVC



THERMOPLASTIC ABBREVIATION KEY

AS = Antistatic
B = Bare Fabric
CU = Cast Urethane Finger Splice
E = Polyester
EC = Polyester Cotton
EMB = Square Profile
ES = Spun Polyester
FI = Fabric Impression Profile
FS = Friction Surface
G = Gloss Finish
HC = Hard Cover
HCR = Highly Cross Rigid

HST = Heavy Saw Tooth
HT = High Temp
HTEX = Heavily Textiled Profile
IP = Inverted Pyramid
IWP = Interwoven Polyester
KE = Klean Edge (Fray Resistant)
LG = Longitudinally Grooved
LST = Light Saw Tooth
LTEX = Light Textiled Profile
M = Matte Finish
Mod = Modified 1 Ply High Strength Fabric
Mono = Monofilament Yarn

MTEX = Medium Textiled Profile
Multi = Multifilament Yarn
NBR = Nitrile
NM = Non-Marking
NRT = Nitrile Rough Top
NST = Nitrile Smooth Top
NTR = Nitrile Rubber
NW = Non-Woven
O = Bare Fabric
OSM = Oil Service Medium
PLY/CTN = Polyester/Cotton Blend
Poly = Polyester
PU = Polyurethane

PU Imp = PU Impregnated
PVC = Poly Vinyl Chloride
QW = Quiet Weave
RC = Release Cover
RT = Rough Top Profile
SC = Smooth Cover
SI = Silicone Cover
Spun = Spun Polyester
ST = Sticky Top
STNM = Smooth Top Non-Marking
UO = PU Impregnated
V5 = 5mm PVC
VO = PVC Impregnated

BELT SAMPLES ARE AVAILABLE! CALL FOR DETAILS.

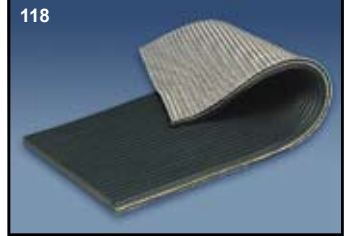
* Additional abbreviations on page 1.

LIGHTWEIGHT THERMOPLASTIC BELTING

MonoPro® PVC Longitudinally Grooved x Bare

The 118 is a premium incline/decline belt. Made of high grade PVC, it is abrasion resistant and antistatic. Not shown are belts 118FR, 118R and 118W. No.118FR is flame retardant and antistatic, with a quiet weave (QW) bottom cover. The 118R offers a heavier high grip 4.5mm-thick red top cover. No. 118W is a non-antistatic FDA approved food processing belt. *In stock but not shown in Beltservice's full line sample catalog.

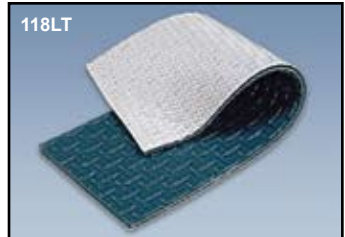
118	E10/2 0/V15 Black LG AS
118FR	E15/2 0/V18 Black LGFR QW AS*
118R	E14/2 0/V45 Red LS x B AS*
118W	E8/2 0/V10 White LG x B NA*



MonoPro® 2 Ply Poly Green PVC Lattice x Bare

The 118LT belt consists of a soft 35 Shore A durometer lattice top cover profile. It is excellent for high grip on incline or decline conveyors, indexing, or high speed sorter lines in distribution centers. The pulley side has a low noise polyester monofilament carcass that is preferred for reducing the decibal levels in distribution centers.

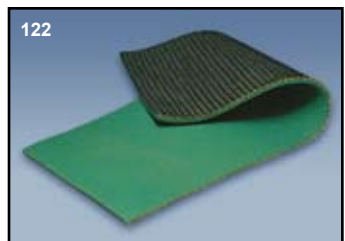
118LT	E10/2 0/V13 Green LT x B QW
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Woven Nylon Green NBR Cover Both Sides

Used in the printing and paper industries, wood working, and light manufacturing. Excellent for the positive transport of products. Its top and bottom NBR covers provide good oil and abrasion resistance and are non-marking. No. 122 is suitable for slider beds and more rugged applications. It is antistatic.

122	Nylon Core NBR Covers Both Sides
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MonoPro® 3 Ply White PVC Cover x Cover

No. 146 is designed for the transport of unpackaged sugar and is flame retardant. It is an excellent choice for bucket elevators in flour mills, citrus and preserves industries. The top cover has a smooth, gloss finish while the bottom cover is matte. Its antistatic polyester multifilament construction is suited for troughed conveyors utilizing support rollers for maximum flexibility.

146	E15/3 P1/P2 White PVC C x C Matte FR
------------	---



MonoPro® 2 Ply Poly White PVC Sawtooth x Bare

The 2B1 meets FDA standards. Its sawtooth cover features a high grip 55 Shore-A PVC compound which is ideal for incline/decline food handling applications; non-antistatic. The belt can be finger spliced, step spliced, or joined with mechanical fasteners. Its broad working temperature range is between 14° and 176° F. *In stock but not shown in Beltservice's full line sample catalog.

2B1	E13/2 0/V3 White ST FDA NA*
------------	------------------------------------



MonoPro® 2 Ply Silicone x Bare

These 2 ply belts have a smooth silicone top cover. No. 2B7 has an excellent release cover and in some applications can handle environments greater than 180°F. The 2B7 will release difficult products such as caramel and chocolate. No. 2B8 is used to convey product in environments with elevated temperatures, also in situations as low as -22° F. It is highly flexible and can be spliced in the traditional mechanical or endless methods.

2B7	E10/2 U0/SI2 AS FDA
2B8	E8/2 0/SI2 HT AS FDA



MonoPro® 2 Ply Clear PU x Bare

The 2B11 meets FDA standards and is an excellent choice for abusive applications requiring a cut resistant cover. It is ideal for use in metal stamping, brick and tile plants, wood, glass, and recycling applications (such as eddy current systems). The clear polyurethane cover offers a high degree of abrasion and cut resistance and it is antistatic.

2B11	E10/2 0/V15 AS FDA
-------------	---------------------------



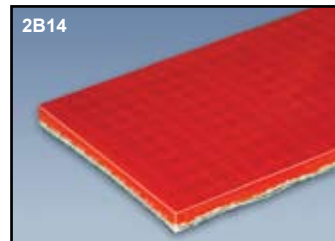
BELT SAMPLES ARE AVAILABLE! CALL FOR DETAILS.

LIGHTWEIGHT THERMOPLASTIC & SPECIALTY BELTING

MonoPro® IWP 120, 150 And 200 Red Urethane

The 2B12 is excellent for tough applications found in recycling and metal stamping plants. The 2B13 offers additional strength carcass with the same durable cover specifications. The 90 Shore A top cover, combined with the friction impregnated bottom surface of No. 2B14 allows for endless finger splicing. Urethane cast cleats, sidewalls, and V-guides can be applied to these rugged belts for special applications. *In stock but not included in Beltservice's full line sample catalog.

2B12	EM21/M U0/U4 Red*
2B13	EM26/M U0/U4 Red*
2B14	EM35/M U0/U4 Red*

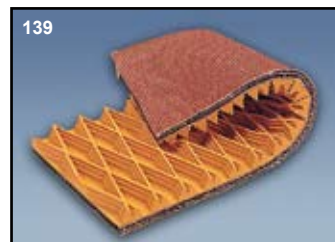


LIGHTWEIGHT SPECIALTY AND POWER TURN BELTS

MonoPro® 3 Ply Surface Finishing Machine Belts

Used primarily for sanding applications in the wood finishing industry. Each of these cross-rigid (CR) belts has a different top cover characteristic, from No. 135's rougtop cover, to the sticky top (ST) of Nos. 136W and 137, to the wedge-grip diamond pattern of No. 139. Their low friction antistatic bottom covers make them ideal for slider bed and flat roller applications. *In stock but not shown in Beltservice's full line sample catalog.

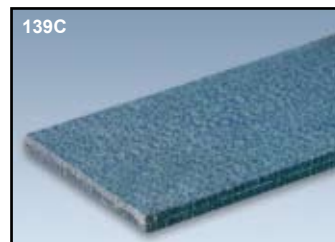
135	3 Ply CR135 Black RT x B AS SFMB*
136W	3 Ply CR135 White ST x B AS SFMB*
137	3 Ply CR135 Gray ST x B AS SFMB*
139	3 Ply CR135 Tan SBR Wedge-grip x B AS SFMB*



MonoPro® Nonwoven Polyester Black And Green Fleece

The 139A is highly conductive and antistatic, with a polyester fleece construction that resists cuts. Recommended for airports, automotive industry, distribution centers, and compact disc manufacturing. Of similar felt-type construction, the 139B is used in sorting lines and in high temperature environments. No. 139C's construction provides longer wear in many of the same situations and is non-antistatic. *In stock but not shown in Beltservice's full line sample catalog.

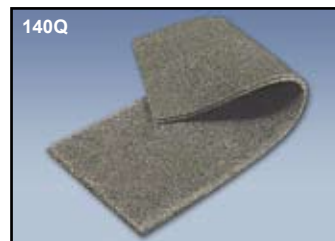
139A	NW 25 HC SF Black*
139B	NW 40 NA SF Green*
139C	NW 60 Green*



MonoPro® Nonwoven Polyester Friction x Friction

The 140Q is designed for horizontal package handling, stackers and feeders. A low coefficient of friction allows for a quiet running belt on slider bed, roller bed, and power turn applications in the package handling industry and at airports. The 140Q is flame retardant and non-antistatic; its needled woven polyester construction is specially designed for fastener holding capability. *In stock but not shown in Beltservice's full line sample catalog.

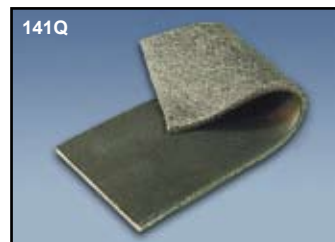
140Q	QB 120 F x F FR*
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MonoPro® Nonwoven Polyester Cover x Friction

A heavy matte (HM) polyester top cover makes the 141Q excellent for horizontal package handling or power turn applications. It is non-antistatic and flame retardant. Ideal for distribution and sorting centers. *In stock but not shown in Beltservice's full line sample catalog.

141Q	QB 120 HM x F FR Black*
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MonoPro® Nonwoven Polyester Rougtop x Friction

The 142Q is flame retardant to ASTM D378 standards. Its needled woven polyester fabric construction is specially designed for fastener holding capability. Excellent for power turn belt applications in the package handling industry and airports. A non-antistatic, quiet running belt for slider beds, package handling, stackers, feeder and sorters. *In stock but not shown in Beltservice's full line sample catalog.

142Q	QB 120RT x F FR*
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BELT SAMPLES ARE AVAILABLE! CALL FOR DETAILS.

PRO TURN® POWER TURN BELTS

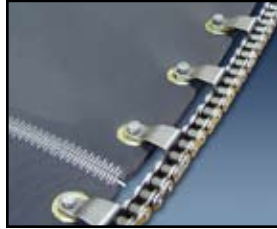
PRO TURN®

POWER TURN BELTS

Beltservice fabricates three types of power turn replacement belts: chain driven, urethane guide bead, and guide wheel or bearing drive. Furnished complete with specified drive hardware and special attachments (chains, grommets, bushings, rivets, etc.).



Urethane guide bead power turn belt with open-face lace joint.



A 90° power turn belt with chain drive.

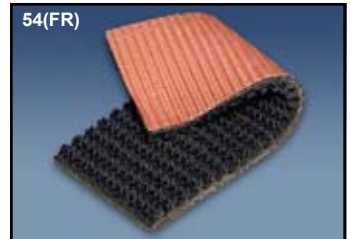
The most common type of power turn belts (chain driven) are frequently used in airline baggage and package handling applications. They are also used in distribution centers, newspaper plants, industrial manufacturing, paper mills, and food processing plants, to name just a few.

Normal power turn belt applications are 45°, 90°, and 180°; however, any belt for spiral lifts of 15° to 720° can be fabricated. In addition to timely delivery, our power turn belts and accompanying hardware provide Beltservice distributors with another "value added" product that can be offered to their customers. Our equipment and tooling match existing power turn belt standards. In most cases, power turn belts can be quoted the same day if distributors complete our faxable worksheets (opposite).

ProTurn® 2 Ply 150 Black Roughtop x Bare FR

The 54(FR) is a premium flame resistant belt and an excellent choice for spiral incline/decline power turn systems. Construction is two plies of high-strength all-synthetic fabrics. Very flexible, yet stretch and moisture resistant. *In stock but not shown in Beltservice's full line sample catalog.

54(FR) 2 Ply 150 Black Roughtop x Bare (FR) *



ProTurn® 1 Ply Poly 17 White PU x Bare

Featured belt for troughing and power turn systems. The top cover of No. 130 is an 85 Shore A matte urethane, with very flexible weft and a high coefficient of friction. Applications include cooling tunnels, packing and unpacking conveyor systems, and transportation of foodstuffs. FDA compliant and antistatic. *In stock but not shown in Beltservice's full line sample catalog.

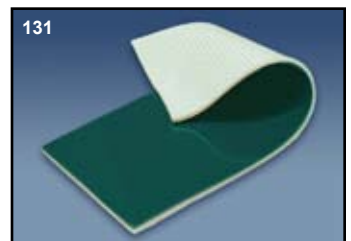
130 EM3/1 U0/U2 White MT AS *



ProTurn® 2 Ply Poly 69 Green PVC x Bare

A good economical choice for non-food applications. Excellent for troughing and power turn applications in printing and packaging; non-antistatic. The top cover of No. 131 is a durable 0.7mm-thick smooth green PVC suitable for conveying in the presence of mineral oils, hydrocarbons, and detergents. *In stock but not shown in Beltservice's full line sample catalog.

131 EM16/2 0/V8 Green NA *



ProTurn® 2 Ply Poly 46 White And Blue PU x Bare

Featured white and blue belts for troughing and power turn systems. Higher tension strength than #130. Their 85 A durometer, PU matte-finish top cover is ideal for direct food contact and resistant to oils and fat saturation. Applications include packing and unpacking conveyor systems, and transportation of foodstuffs. FDA compliant and non-antistatic (NA). *In stock but not shown in Beltservice's full line sample catalog.

132 EM8/2 0/U2 White MT NA *

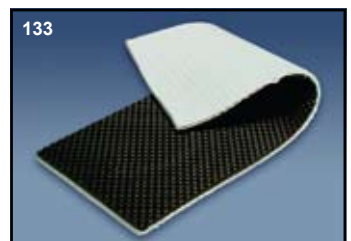
132B EM8/2 0/U2 Blue PU x B M NA *



ProTurn® 2 Ply Poly 69 Black IP x Bare AS FR

A featured belt for troughing and power turn applications in airport and package distribution facilities. No. 133's inverted pyramid (IP) top cover increases the grip, making it excellent for slight incline / decline conveyor systems. Made with a special antistatic construction and is flame retardant (FR). *In stock but not shown in Beltservice's full line sample catalog.

133 EM12/2 U0/V5 Black IP x B AS FR *



BELT SAMPLES ARE AVAILABLE! CALL FOR DETAILS.

PRO TURN® POWER TURN BELTS

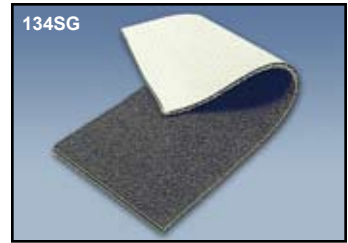
ProTurn® 2 Ply Poly Black PVC x Bare AS FR

Flame resistant (FR) belts for the transport of luggage and parcels at airports and package distribution terminals. No. 134 features a smooth cover and antistatic construction. No. 134M's matte top cover finish offers good grip and it has a low friction bottom, ideal for slider bed service. The 134SG offers a sand grit (SG) top cover design with long lasting grip characteristics.

*In stock but not shown in Beltservice's full line sample catalog.

- 134** EM12/2 0/V6 Black AS FR*
- 134M** EM12/2 0/V3 Black M AS FR*
- 134SG** EM12/2 0/V7 Black Sand Grit AS FR*

134SG



ProTurn® 2 Ply 160 Black LI x Bare FR

Meets flame retardant requirements. For high speed conveyors and power turn systems. Running side maintains a low noise and coefficient of friction. The conveying side has a light impression (LI) 1.5mm-thick top cover with superior shock absorption and endurance for rapid loading service at airports and package distribution centers. *In stock but not shown in Beltservice's full line sample catalog.

- 138** EM28/2 0/15 SBR Black LI x B FR*

138



POWER TURN BELT FAXABLE WORKSHEETS

To ensure a quick, accurate quotation from our product specialists, distributors are encouraged to complete and fax a worksheet for every replacement power turn that is needed. Specifications can vary, even on conveyors made by the same manufacturer.

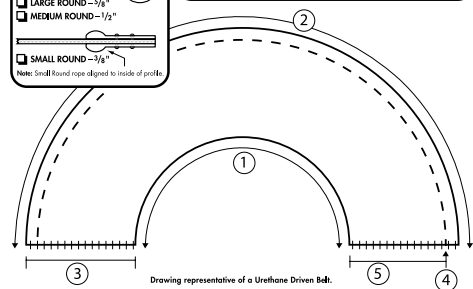
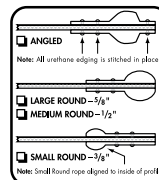
For assistance with a power turn replacement belt question, call 800-727-2358 and speak with a Beltservice ProTurn® product specialist.

PRO TURN POWER TURN BELT URETHANE GUIDE

Faxable Worksheet • (314) 344-8511

Beltservice Corporation
4143 Rider Trail North • Earth City, MO 63045 • (314) 344-8555 • Toll Free (800) 727-2358

1.) Inside Circumference: _____	Customer Name: _____
2.) Outside Circumference (Belt off conveyor): _____	Date: _____
3.) Total Belt Width (Including Bead): _____	Model #: _____
4.) R3 Length Measure, at Guard (Belt on Conveyor): _____	Serial #: _____
5.) R3 Width Measurement: _____	Belt Type: _____
Notes: _____	
Laced or Endless: _____	
Flat or Spiral: _____	
New or Used: _____	



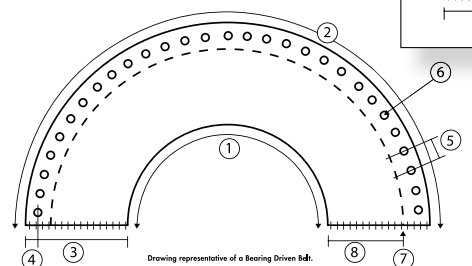
PRO TURN POWER TURN BELT BEARING DRIVE

Faxable Worksheet • (314) 344-8511

Beltservice Corporation
4143 Rider Trail North • Earth City, MO 63045 • (314) 344-8555 • Toll Free (800) 727-2358

1.) Inside Circumference: _____	Customer Name: _____
2.) Outside Circumference (Belt off conveyor): _____	Date: _____
3.) Total Belt Width (Belt Only): _____	Model #: _____
4.) Bearing Inset from Belt Edge: _____	Serial #: _____
5.) Bearing Centers: _____	Belt Type: _____
6.) Total Number of Bearings: _____	Laced or Endless: _____
7.) R3 Length Measure, at Guard (Belt on Conveyor): _____	Flat or Spiral: _____
8.) R3 Width Measurement: _____	Notes: _____

☐ 3/4" N ☐ 7/8" S.S. ☐ 1" N.C. ☐ 1-3/8" N.C. ☐ 1-1/2" N.C.

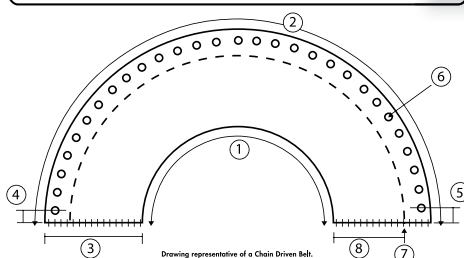


PRO TURN POWER TURN BELT CHAIN DRIVE

Faxable Worksheet • (314) 344-8511

Beltservice Corporation
4143 Rider Trail North • Earth City, MO 63045 • (314) 344-8555 • Toll Free (800) 727-2358

1.) Inside Circumference: _____	Customer Name: _____
2.) Outside Circumference (Belt off conveyor): _____	Date: _____
3.) Total Belt Width (Belt Only): _____	Model #: _____
4.) Distance from Grommet Center to Lace #1: _____	Serial #: _____
5.) Distance from Grommet Center to Lace #2: _____	Belt Type: _____
6.) Total Number of Grommets: _____	Laced or Endless: _____
7.) R3 Length Measure, at Guard (Belt on Conveyor): _____	Flat or Spiral: _____
8.) R3 Width Measurement: _____	Notes: _____



Online assistance with power turn replacement belts is available by e-mailing sales@beltservice.com.

Three types of Pro Turn power turn belt worksheets (chain drive, bearing drive, and urethane guide) are available as downloadable pdf files from Beltservice's website at www.beltservice.com. Go directly to the worksheets at www.beltservice.com/power_turn_belts.html. Detailed specifications for Pro Turn power turn belts are on pages 54-55.

Download, print, complete, and FAX to: (314) 344-8511 or email: sales@beltservice.com

NYLON CORE BELTING

Nylon core belts are commonly used on folder-gluer machines in the folding box industry. Folder-gluer ("FG") belts are antistatic with high friction, abrasion resistant NBR covers, and are non marking. The simplified diagram, below, illustrates a typical box folder-gluer machine and the large number of belts that are used in this application. Due to the wide variety of "FG" belt specification types, it is recommended that distributors contact Beltservice's Lightweight Thermoplastic Department to discuss your customers' specific folder-gluer belt requirements. To speak directly with a nylon core belting specialist, call 800-727-2358, or e-mail sales@beltservice.com.

Nylon Core Gray NBR Covers Both Sides*

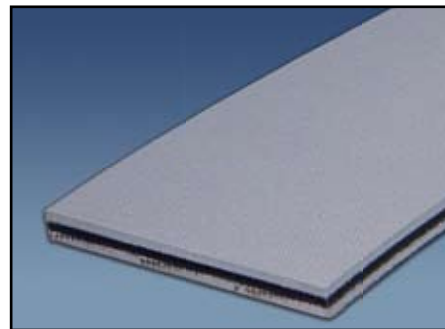
High-strength gray nylon core abrasion resistant NBR covers on both the top and bottom make this type of nylon core belt ideal for reliable conveying on heavier drives with no marking of product.

Features

- Permanently antistatic
- Different shore hardnesses
- Different coefficients of friction
- A wide range of various surface types
- Made-to-order endless belt construction
- Cover has excellent abrasion resistance
- Custom holes, slots and grooves available

Benefits

- Less dust and dirt attraction
- The right conveyor belt for each application
- The appropriate strength for each application
- The appropriate traction layer for each application
- Low maintenance cost
- Conveying of abrasive goods is possible
- Application as vacuum feeder belt



Nylon Core Orange NBR Covers Both Sides*

These "FG" types are commonly used on folder-gluer machines in the folding box industry. They are anti-static and also are found on wood working and packaging machines.

Features

- Permanently antistatic
- NBR rubber top and bottom covers
- Excellent abrasion resistance
- Constant coefficient of friction
- Made-to-order endless belt construction
- Low sensitivity to humidity
- Uniform longitudinal flexibility

Benefits

- Easy handling
- Short machine downtimes
- No marking of product
- Long belt life
- Low maintenance cost
- High dimensional stability
- Can handle small pulley diameters



Nylon Core Green NBR Covers Both Sides*

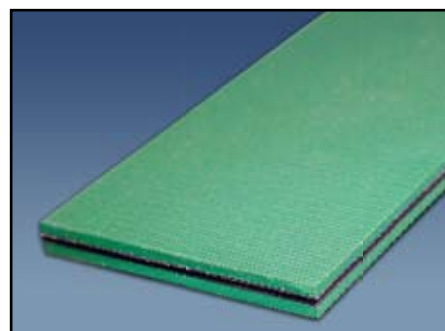
Having high-strength nylon cores with abrasion resistant NBR top and bottom covers, these belts are ideal for high speed power transmission and general conveying applications.

Features

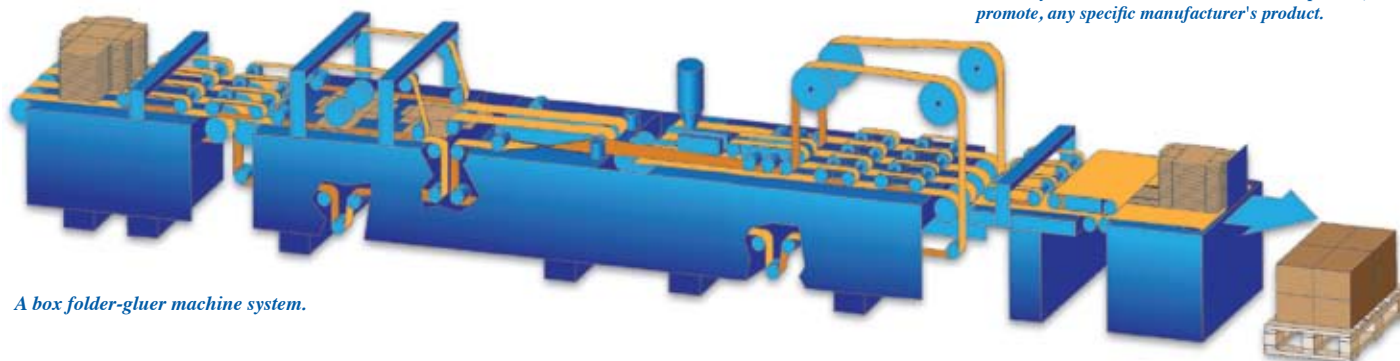
- Permanently antistatic
- Available for light, medium and heavy shock loads
- Operates well on small pulleys and at higher speeds
- Wide range of various belt structures
- Made-to-order endless belt construction
- Low sensitivity to humidity
- Excellent abrasion resistance

Benefits

- Process reliability
- Gentle treatment of conveyed product
- No marking of product
- The right conveyor belt for each application
- Low maintenance cost
- High dimensional stability
- Uniform longitudinal flexibility



**Above nylon core belt illustrations do not represent, or promote, any specific manufacturer's product.*







A box folder-gluer machine system.

Folder-gluer machines normally use three or more different types of nylon core belts. These include feeder-type belts, folder-gluer belts, and traditional conveyor belts. Each belt is designed for a specific use on the machine and made to handle either light, medium, or heavy shock loads.

RUBBER CHEVRON CLEATED BELTS - STOCK ITEMS

The Following Specifications Are Carried In Stock for IMMEDIATE SHIPMENT.

	140 - 140a - 140b - 140c CLEAT-TOP				141 - 142 MULTI-CHEV		143 STEEPClimb	144 MINI CLEAT-TOP
								
SPECIFICATIONS								
Ply Fabric	Synthetic				Synthetic		Synthetic	Synthetic
Working Tension Per inch Width	220 lbs.	330 lbs.	330 lbs.	220 lbs.	220 lbs.	330 lbs.	150, 220, and 330 lbs.	150 lbs.
Cover Thickness	1/8" x 1/16"	1/8" x 1/16"	1/8" x Bare	1/8" x Bare	1/8" x 1/16"	3/16" x 1/16"	1/8" x 1/16" 3/16" x 1/16"	1/16"
Compound	MOR	MOR	MOR	MOR	MOR	MOR	Various Compounds Available	SBR
Approximate Weight Lbs. Per Inch Width	.20 lbs.	.265 lbs.	.215 lbs.	.143 lbs.	.19 lbs.	.25 lbs.	On Application	.125 lbs.
Mini Pulley Diameter Head -- Tail	16" -- 12"	18" -- 14"	18" -- 14"	16" -- 12"	16" -- 10"	18" -- 12"	On Application	6"
Flexco Fastener	#190/550	#190/550	#190/550	#190/550	#140	#190	On Application	#2 Clipper / #15 Alligator
Chevron Pattern Description	5-12" wide x 2" deep x 1/4" high V-shaped cleats on 3" cc. Thicknesses not including cleats are 9/32" for 2 Ply and 3/8" for 3 Ply. Chevron cleats are configured like overlapping sergeant stripes.				Chevron cleats are V-shaped like sergeant stripes, are 1/4" inch high and 1/2" wide, are on 3" centers, and overlap (nest) one another for the return idlers. Cleats are cured at the same time as the belt for strength. Thickness not including cleats is 9/32" for 2 ply and 3/8" for 3 ply.		Strong 1-1/4" tall cleats in an overlapping pattern make this THE belt for heavy duty steep incline conveying. Design allows use on standard return idlers. Standard centers are 10". Cleats are permanently vulcanized to base belt. Popular for roofing conveyor applications.	3/16" tall x 1/2" deep x 1-1/4" wide bucket cleats spaced every 1" in length. Belt is 1/8" thick, not including the cleats. Belt remains flexible in cold temperature applications.
Applications	Made to prevent or reduce slideback on steep inclines. Chevron belting also increases conveyor capacity by quick pick-up at the point of loading. Ideal for wet and/or granular materials such as wet sand and gravel. Ideal for tubeveyor applications.							

RUBBER CHEVRON CLEATED BELTS - CUSTOM PATTERNS

Over 100 Custom Patterns Available!

Chevron Designs

Fully molded chevrons of various cross sections enable the conveying of wet and/or loose materials up steep inclines. Chevrons can be made closed in the center or open for drainage. Chevrons also increase the amount of material moved by quick pick-up at the loading point.

Construction

All chevron cleat patterns utilize a patented, permanent heat-cured bonding process. Along with the high-grade rubber compounds used to create the cleats, this produces a truly rugged and long-wearing belt.

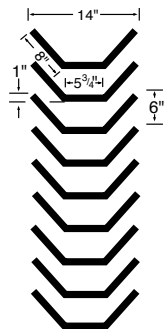
Applications

Popular applications include: sand and gravel, wood chip handling, minerals – such as coal and iron, heavy-duty scrap metal, road construction, waste management, and barge and railroad car unloading.

Basic cleat shapes that can be altered or modified to fit your specific conveying requirements.

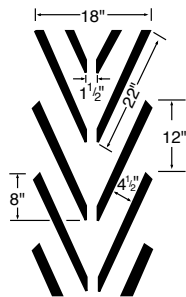


BELTSERVICE'S TEN MOST POPULAR CUSTOM CLEAT PATTERNS



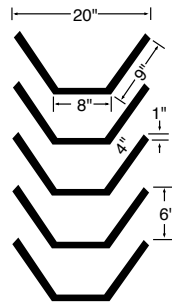
$\frac{1}{2}$ " x $\frac{1}{2}$ " Square Cleats for
14" or Wider Belts

Template #58



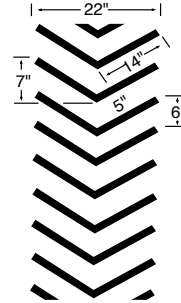
$\frac{1}{2}$ " x $\frac{1}{2}$ " Square Cleats for
18" or Wider Belts

Template #28



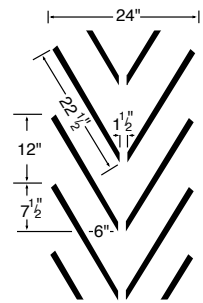
$\frac{1}{2}$ " x $\frac{1}{2}$ " Square Cleats for
20" or Wider Belts

Template #55



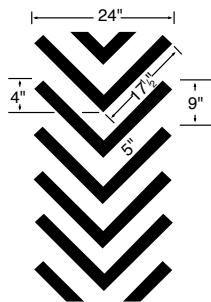
$\frac{3}{8}$ " x $\frac{3}{8}$ " Square Cleats for
22" or Wider Belts

Template #13



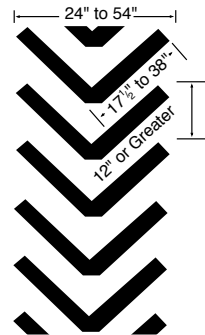
$\frac{1}{2}$ " x $\frac{1}{2}$ " Square Cleats for
24" or Wider Belts

Template #23



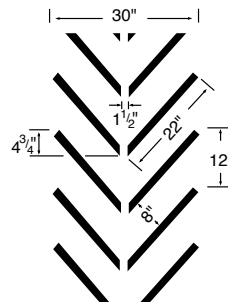
$\frac{3}{4}$ " High x $1\frac{1}{4}$ " Wide Cleats
for 24" or Wider Belts

Template #31



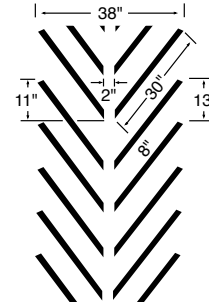
1" High x 2" Wide Rect. Cleats
for 24" or Wider Belts

Template #105



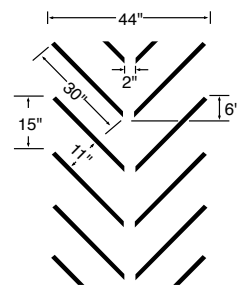
$\frac{1}{2}$ " x $\frac{1}{2}$ " Square Chevron
for 30" or Wider Belts

Template #16



$\frac{1}{2}$ " x $\frac{1}{2}$ " Square Cleats
for 38" or Wider Belts




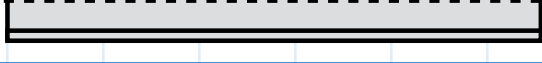
Template #35



$\frac{1}{4}$ " x $\frac{1}{2}$ " Rect. Cleats
for 44" or Wider Belts

Template #60

All Beltservice Cleated Belts Can Be Furnished As Follows:

A	Indented from edge		A
B	Notched for troughing idlers or curved pans		B
C	Cut-outs or voids		C
D	Cut down to intermediate heights		D

Urethane cleats are also available. See page 34.

FABFLEX DIVISION FOOD GRADE AND HEAVY DUTY BELTS

FABSYN FOOD GRADE INTEGRALLY MOLDED PROFILE & CLEATED BELTS

Food Grade FABSYN In-Stock Cleated Belts

Fabsyn FDA approved food belts are conveniently stocked in five standard specifications. Two working tensions are available: (1) FABSYN 100, integrally molded 1-1/2" or 2-1/2" molded cleats, 3/8" thick, on 6" or 12" centers; and (2) FABSYN 150, with either 1-1/2" or 2-1/2" molded cleats, 3/8" thick, on 6" or 12" centers. The 150 also is offered with a 3" cleat, 1/2" thick, on 12" centers. Cover, cleats, and belt are molded in one operation, 48" wide, and cut to desired widths. In-stock Fabsyn cleated belts are manufactured with synthetic fabric and oil-resistant covers. Temperature range is from 0° to 220° F.



Fabsyn 150 Series belt with 3" x 1/2" cleats on 12" centers

Food Grade FABSYN In-Stock Profile Belts

Beltservice's FABSYN profile belts are molded and cured in one operation. Four in-stock patterns are available for immediate shipment. These include: (1) the CORRUGATED pattern, rounded ribs 1/16" high, on 1/4" spacing, center to center; (2) the ASENDOR pattern, ribs 1/8" high on 1" spacing, designed for incline conveying of small and medium sized food products; (3) the TOP FLIGHT pattern, lateral cleats 3/16" high on 6" centers, and longitudinal cleats 3/16" high on 4" centers; raised buttons at the corners of the pattern allow for drainage of wet product; and (4) the CROSSTOP pattern, cleats 3/8" x 3/8" taper down to 1/4"; an open 8" x 8" pattern allows water drainage and ease of cleaning. All four patterns have a working strength PIW of 100 lbs. See also pages 5 and 50-51 for additional information.



No. 13a CORRUGATED™



No. 13b ASENDOR™



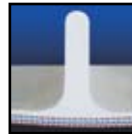
No. 13c TOP FLIGHT™



No. 13d CROSSTOP™

Food Grade FABSYN Custom Belts

Cleat thicknesses of 3/8"(SD), 1/2"(MD), 5/8"(HD), or more, are available on Fabsyn 100 or 150 belts in any height from 1/4" to 3" (straight or scoop). Cleat centerlines available are 4", 4-3/4", 6", 8", 9", 12", 16", 18", 24", and larger. Custom scoop cleats are fabricated with a typical forward pitch of 30°, with heights of 2" to 2-7/8". V-Guides in A, B, C, or D sections are available. Straight or sloped vanner edges are applied in heights of 1/2" to 1-1/2". Belts can be made with prepared ends for field splicing or manufactured endless. Custom cleats are applied to 2-Ply Fabsyn 100 3/64" x FS, or 3-Ply Fabsyn 150 3/64" x FS. If other fabrics, compounds, or splicing methods are required, call the Fabflex Division.



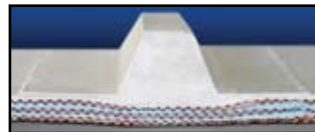
Straight Cleat



Scoop Cleat



Straight-Edge



Fabsyn Custom V-guide



Sloped-Edge

FABLON HEAVY DUTY IN-STOCK CLEATED AND CUSTOM BELTS

Heavy Duty FABLON In-Stock Cleated Belts

Seven heavy duty Fablon cleated belts are stocked in two series: (1) the FABLON 150 series; two covers are stocked, 1/32" x 1/32" and 1/16" x FS, with 3 different cleat heights & thicknesses, including 1" x 3/8", 2" x 1/2", and 3" x 1/2"; and (2) the FABLON 220 series; two covers are stocked, 1/8" x 1/16" and 1/8" x FS, with 2 different cleat heights & thicknesses, including 3" x 5/8" and 2" x 1/2". In-stock Fablon heavy duty belts have cleats on 12" centers, are 48" wide, and are cut to desired width. The optimum temperature range for Fablon cleated belts is -20° to 180° F.



FablON 150 Series: 1" x 3/8" cleats on 12" centers.



FablON 220 Series: 3" x 5/8" cleats on 12" centers.

Heavy Duty FABLON Custom Belts

Cleat thicknesses of 3/8"(SD), 1/2"(MD), 5/8"(HD), or more, are available on Fablon 150 or 220 belts in any height from 1/4" to 3" (straight or scoop). Integrally molded scoop cleats are fabricated to customer's specifications. Typical forward scoop pitch is 30° with heights of 2" to 2-7/8". V-Guides in A, B, C, or D sections are available. Straight or sloped vanner edges are

applied in heights of 1/2" to 1-1/2". Belts can be made with prepared ends for field splicing or manufactured endless. Custom cleats are applied to Fablon 150 1/16" x FS, 150 1/32" x 1/32", 220 1/8" x 1/16", 220 3/16" x 1/16", and 220 1/8" x FS. If other fabrics, compounds, or splicing methods are required for special orders, call the Fabflex Division at 800-423-4469.

FOR ASSISTANCE WITH FABFLEX DIVISION BELTS CALL 800-423-4469

FABFLEX DIVISION HEAVY DUTY BELTING

FABLON HEAVY DUTY INTEGRALLY MOLDED CLEAT PATTERNS

Beltservice's FABLON heavy duty belts are designed to handle the aggressive transfer and elevation of materials such as sand, stone, gravel, recycled asphalt product (RAP) and other construction materials. Fablon's unique cleat patterns are designed to lock free flowing materials to the belt surface, preventing "slip-back." The cleats are nested in an overlapping pattern to maintain a smooth running surface on the return idlers.



BULLHORN has a 1/2" x 1/2" low profile cleat molded on a 6" center line that offers smooth delivery of planed asphalt, gravel, wood chips, and is frequently used on stone slingers. Available in belt widths from 12" to 60" and cleat widths from 12" to 48".



BIGHORN offers a 3/4" high x 3/4" thick rounded cleat on 9" centers. Used frequently for planed asphalt, sand, rock, and heavy materials, Bighorn is easily troughed. Available in belt widths from 12" to 60" and cleat widths from 12" to 48".



FABCLIMB is made with abrasion resistant 1-1/4" high tapered cleats with a "Y" cleat center pattern that increases production capacity. Two cleat widths are available: 31" on 13" centers, and 23" on 12" centers. Applications include cold palners, wood chips, coal & salt, grain, and construction materials

Fablon heavy duty belts are different from other heavy duty cleated belts for these reasons:

- Cleats are integrally molded and become part of the belt cover. This feature eliminates cleat separation and allows the belt to navigate smaller pulleys.
- Advanced splicing techniques assure maximum strength and flexibility. High strength rubber compounds are used for superior impact resistance to both the belt and the cleats.
- Fablon offers 1/2", 3/4" and 1" tall heavy duty molded cleat profiles on various center lines.
- Most popular Fablon heavy duty sizes are in stock, ready for immediate delivery.
- Different base belt constructions are available, including 2 ply 220, 3 ply 240, 3 ply 330, and 2 ply 400, along with various cover gauges and compounds.



FABLIFT's unique cleat design provides smooth, reliable product delivery in demanding incline applications such as transporting larger rock and recycled asphalt. It is made with a 1" square cleat on 10" centers along with a 1" square continuous center rib for excellent support on the return. Available in belt & cleat widths up to 48".



LONGHORN is made with a 1" high tapered "gum drop" cleat using a staggered chevron pattern on 12" centers. The offset overlap pattern is designed for easy handling of heavy, wet materials such as sand. Available in belt and cleat widths up to 48".

Heavy Duty FABLON In-Stock Profile Belts

Beltservice's FABLON heavy duty profile belts are manufactured from heavy duty synthetic fabric with high-grade MOR covers and cleats. Two heavy duty patterns are in stock and available for immediate delivery. These are: (1) the TOP FLIGHT pattern; lateral cleats 3/16" high on 6" centers; longitudinal cleats 3/16" high on 4" centers; raised buttons at the corners of the pattern allow for drainage of wet product; patented design runs on all types of conveyors without special idlers; and (2) the CROSSTOP pattern; cleats 3/8" x 3/8" taper to 1/4"; open 8" x 8" pattern allows water drainage and ease of cleaning. Both belts operate like a flat belt, with constant support from the conveyor return idlers. These belts have a working strength PIW of 150 lbs.

TOP FLIGHT™



CROSSTOP™



Heavy Duty FABTOUGH Street Sweeper Belts

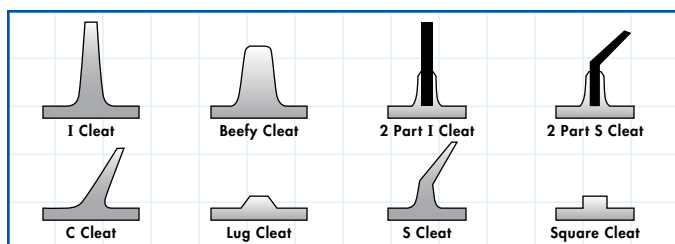
FABTOUGH street sweeper belts are designed for longer performance and extended service life, versus the standard replacement belts currently on the market. FabTough incorporates two layers of heavy duty blended fabric that is less prone to stretch and punctures, with a thicker top cover that increases belt life. A custom blended cleat compound is integrally molded to the top surface providing excellent durability in all operating conditions. Two styles of the FabTough sweeper belt are available: (1) the E-212, 160 lbs. PIW, 1/16" x 1/32" SBR, 18'-3" length, with 2" x 3/8" cleats on 18" centers; and (2) the P-164, 160 lbs. PIW, 1/16" x 1/32" SBR, 13'-8" length, with 2" x 3/8" cleats on 18" centers. Both styles are 48" wide and 1/4" thick, with a temperature range of -20° to 180° F.



Street sweeper shown for illustrative purpose only and is not an endorsement of any make or model by Beltservice.

FOR ASSISTANCE WITH FABFLEX DIVISION BELTS CALL 800-423-4469

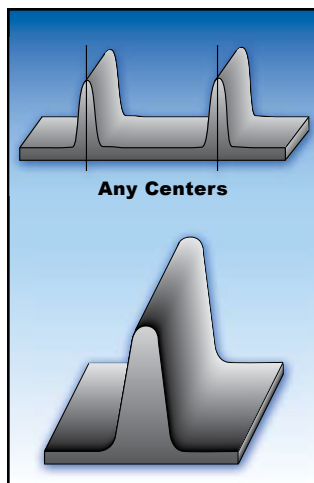
FABRICATIONS - CLEATS



BELTSERVICE CLEAT TYPES – AT A GLANCE

Cleats are available in white FDA or black oil-resisting nitrile, black SBR rubber, as well as black and white butyl. Two part cleats (page 34) consist of a rubber “foot” hot molded to the base belt and a bolted-in urethane blade that is used for heavy-duty applications. High frequency PVC and PU cleats for thermoplastic belting are discussed on page 18. For more information about Beltservice custom cleats, call 800-727-2358, or visit www.beltservice.com; e-mail your inquiries to sales@beltservice.com.

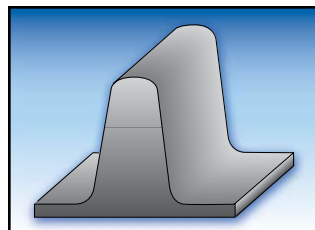
RUBBER, NITRILE, BUTYL, AND PVC CLEATS



STANDARD I CLEATS

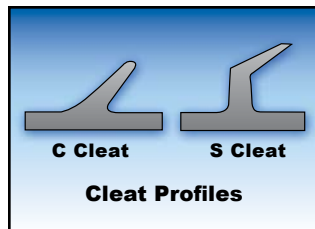
- For conveying up steep inclines
- Available in white FDA or black oil-resisting nitrile, black SBR rubber, black and white butyl
- Cleats are hot molded into the belt surface (not cold bonded or cemented on)
- Smooth merging of cleat and belt cover for easy cleaning

Cleats can be molded to the belt surface on any center, to fit a wide variety of applications. Cleats come in heights from 1/2" to 5" (Beefy Cleats to 6"). [For taller cleats, a two-part construction is used -- see page 28.]



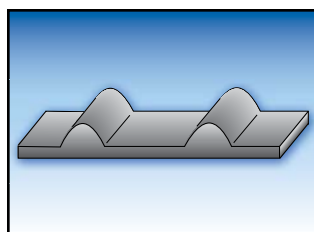
BEEFY CLEATS

Beefy Cleats feature an extra-heavy cross section designed for heavy-duty, rugged applications. Thickness is double that of a standard I cleat. Available in heights from 1" - 6", with backup braces available with 2" and 3" heights.



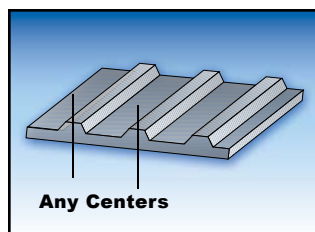
HIGH INCLINE CLEATS

Aggressive scoop cleats for high-capacity conveying on steep inclines. C cleats are available in heights from 1" to 5", and S cleats come in heights of 4-1/2" and 5-1/2". Rugged cleats are hot vulcanized into the belt cover for long service.



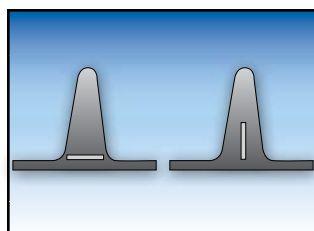
MINI CLEATS

Mini-cleats are low-profile cleats ideal for moving products up inclines in light-duty applications. Unique shape allows for standard idler support on returns. Dimensions are 3/16" high, 3/16" wide at base and 1/8" radius.



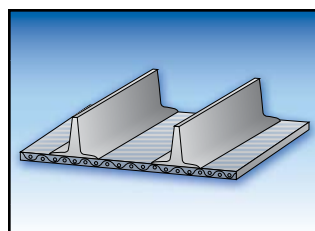
LUG CLEATS

Lug construction features rugged V-belt shapes for impact resistance. Available in A (1/2" W x 5/16" H), B (5/8" W x 7/16" H), and C (7/8" W x 5/8" H) cross sections.



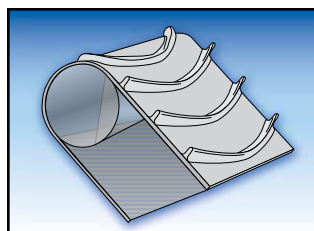
STEEL-REINFORCED CLEATS

Super-strong cleat for the most rugged applications. Each cleat features a steel reinforcement oriented to best counter the forces encountered in a particular application.



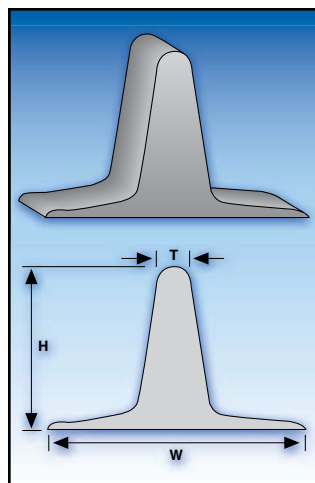
PVC VINYL CLEATS

PVC cleats are welded to PVC belting to produce a rugged, economical combination ideal for wet, oily or acidic conditions. Available in black or white FDA compounds and can be spaced on any centers, indented, notched, cut down to intermediate heights and contain cut-outs.



CURVED PVC CLEATS

Ideal cleat for many incline applications requiring food-grade belting. Cleats up to 3" tall are available in 45° and 30° configurations. Cleats can be applied to belts 6" to 48" wide and on centers as close as 4-1/2" at 30° and 9" at 45°.



PVC SCOOP CLEATS

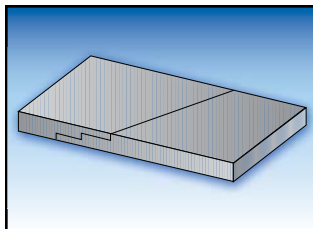
White PVC cleats in an angled scoop form to improve capacity up steep inclines. Acceptable for food-handling applications. Available in 2", 2-1/2", and 3" heights, the cleats are hot welded into the belt surface for a smooth, seamless finish.

PVC EXTRUDED CLEATS

Extruded PVC cleats conveniently packaged for distributors and OEMs to manufacture their own PVC cleated belt. PVC cleats are furnished in convenient 100-foot rolls.

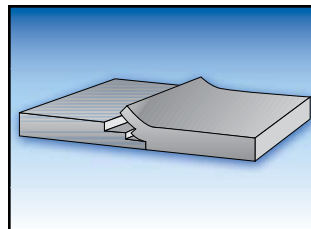
(H) Height	(T) Thickness	(W) Base Width	Min. Pulley Diameter
1"	1/4"	1-1/2"	4"
1-1/2"	1/4"	1-5/8"	5"
2"	3/8"	1-3/4"	6"
3"	3/8"	1-3/4"	10"

SPLICING



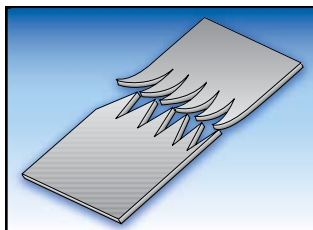
Endless - Vulcanized

A hot-vulcanized splice is stronger and more sanitary than a mechanical (laced) joint. Endless splicing eliminates fastener pull out and tearing of the belt. Ideal for food processing industries and where metal lacing could possibly mar the product.



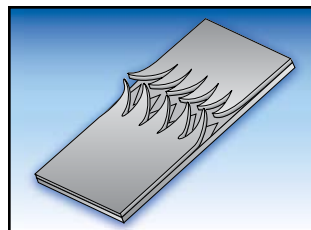
Endless - Prepared

Belts are supplied with laps already prepared to desired length but not vulcanized, enabling customer to splice endless on the system. Hot or cold cements with instructions are available.



Finger Splice

A proven heavy-duty splice for thermoplastic belting utilizing polyurethane as the bonding agent. Lap area is the same thickness as the belt and uniformly smooth. H. D. urethane finger splice available for PVC and urethane belts over 200 PIW.



Multiple Finger Splice

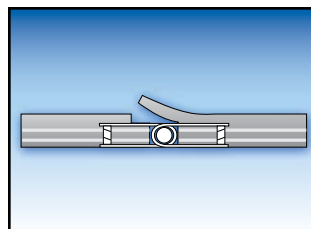
Similar to the single Finger Splice. Staggered die cut fingers are vulcanized together to create a strong, extremely flexible splice.

MECHANICAL FASTENERS



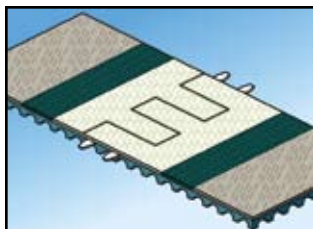
Lacing - Standard

Types: Alligator, Clipper, Flexco, Minet and others. Mechanical fastener joints with hinge pins provide an easy, quick and secure method of joining belt ends. Avoid lacing problems by utilizing our factory lacing experts. See page 43 for some of our many mechanical fasteners.



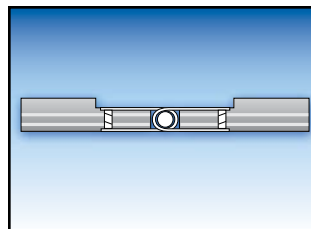
Overlap Lace

Top cover of belt is skived back and mechanical fastener installed. The overlap is spliced back over the splice area, providing a smooth conveying surface. Product being conveyed is protected from marring by the fastener. Flap must be glued down at installation.



Thermoplastic Soft Splice

This custom splice incorporates vulcanized hidden lacing that derives extra strength from square-cut interlocking fingers. Two flexible connecting pins secure the joint and produce a very consistent thickness at the seam. Soft Splices are applied to thermoplastic PVC and PU material.



Recessed Lace

Mechanical splice area of belt is recessed below the level of the belt cover. The recessed lace keeps the product being conveyed from coming in contact with the lacing.



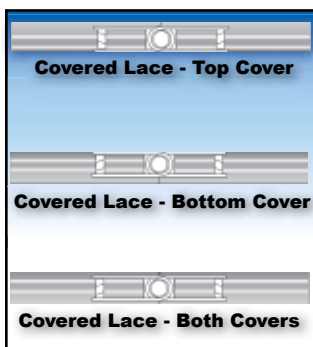
Spiral Lace

Ideal non-metallic mechanical splice for small-pulley, low-profile applications. Unique hinge design allows use on pulleys and nose bars as small as 5/8" diameter and as thick as 3/16". Resists corrosion and heat. Lace is installed in factory by insertion between belt plies.



Plastic Rivet Fasteners

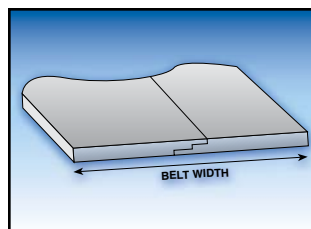
Come in white and black, non-metallic compounds for a variety of conveying situations. Fasteners feature beveled edges and counter-sunk pockets in bottom of fastener to protect rivets. Fasteners are either installed by the factory or in the field with special tools.



Covered (Hidden) Lace

Lacing is hidden by the cover of the belt to allow the ease of installation provided by a mechanical splice with the smooth operation of an endless belt. Product is protected from marring from the mechanical splice area. Splice can be covered with rubber or abrasion-resistant urethane. If the belt is to be cleaned by a scraper, a hidden top splice is effective. When lacing is completely hidden by top and bottom covers, both the product and the conveyor are protected.

LONGITUDINAL SPLICING

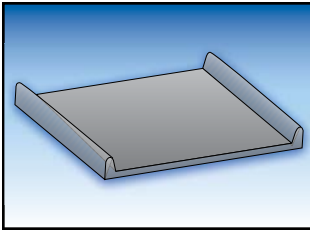


Longitudinal Splicing

For extra-wide belt requirements, belts can be made endless, V-Guided, and/or flanged. Any width is attainable by using multiple splices. Longitudinal splices can be made in a variety of compounds, including woven PVC, thermoplastic, rough tops, urethane covered, and black rubber in all thicknesses.

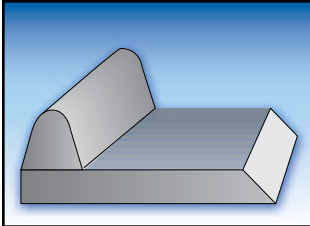
FABRICATIONS - FLANGES, V-GUIDES, AND EDGE FINISHES

FLANGES



Flanges - Molded

Prevents product spilling off edge of belt. Free-flowing materials are contained without troughing. Flange belts can be made endless or conventionally laced. *Care must be taken to operate flanged belts on the proper diameter pulleys. Consult factory for recommendations.* **Corrugated sidewalls available – see page 41.**

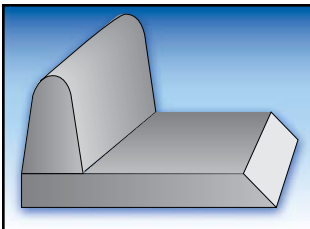


Flanges - Heights Available

1/2", 3/4", 1", 1-1/2", 2"

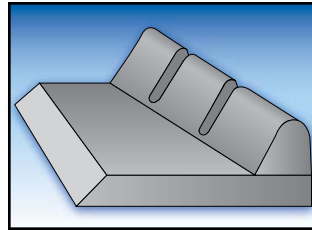
Styles Available

Gumdrop, Tapered One Side, Tapered Both Sides (all styles not available in all heights) Note: Standard flanges are 60 durometer. 40 durometer is available for special applications where smaller than average pulleys are being used.



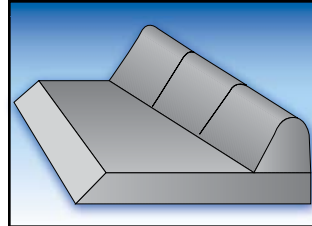
Flanges - Compounds Available

Black SBR
Black Nitrile
White Nitrile
White PVC
Black PVC
White Butyl High Heat
Black Butyl High Heat



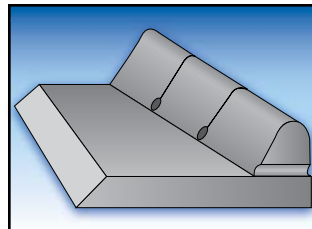
Flanges - Notched

Notching of the flanges enables a flanged belt to operate on smaller diameter pulleys. Also allows the belt to “back flex” in weighing applications.



Flanges - Siped

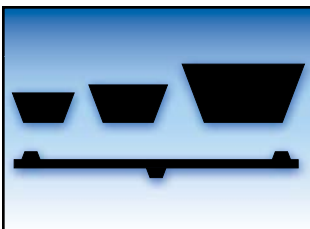
Siping of flanges enables a flanged belt to operate on smaller diameter pulleys.



Flanges - Siped and Drilled

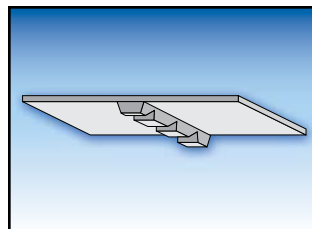
Flanges can be siped into relief holes to prevent any further action of slits to propagate into the belt cover.

V-GUIDES AND V-BELT BACKING



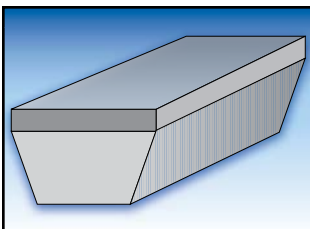
V-Guides

Used wherever conditions create a belt alignment problem. Can be molded to any belt and be made endless if desired. Bonded to cover side for flanges; bonded to underside for guide. Available in **A** (1/2" W x 5/16" H), **B** (5/8" W x 7/16" H), and **C** (7/8" W x 5/8" H) cross sections. Other sizes available.



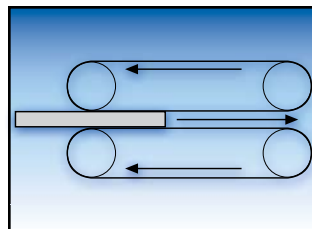
V-Guides - Notched

Available in A-B-C-D sections, and more. Notching enables a V-guided belt to operate on smaller pulley diameters. The V-guide reduces tracking problems.



V-Belt Backing

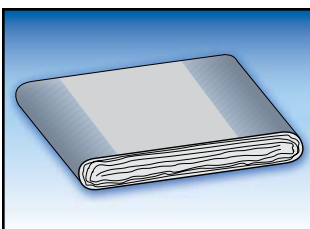
Covers of pure gum, neoprene sheet rubber, urethane, rough-top belt, white non-marking belt, etc. can be bonded to the back of V-belts.



V-Belt Backing

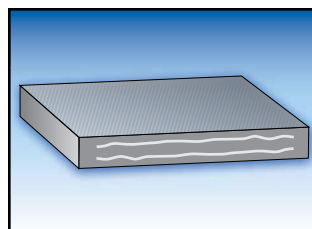
Recommended where V-belts are used as conveyor or in tandem to pull product or cable in sandwich fashion.

EDGE FINISHES



Folded Edges

Premium construction for superior edge wear and carcass protection. Chemicals and bacteria may not attack the interior plies. Folded edges provide a continuous surface from the top of the belt around the edges.

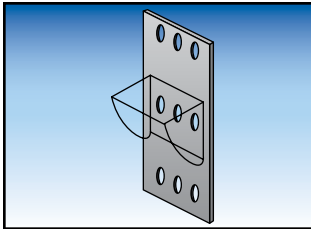


Molded Edges

Rubber edging vulcanized to cut-edge belting. Protects the belt fabric from bacteria and damaging chemicals. Ideal for food-handling applications. Also used for additional protection from edge wear.

FABRICATIONS - HOLE PUNCHING, NOTCHING, GROOVING, GRINDING

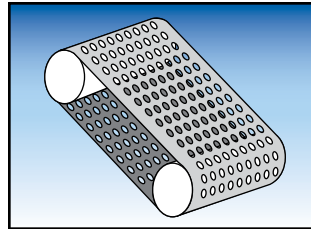
HOLE PUNCHING - PERFORATING



Hole Punching

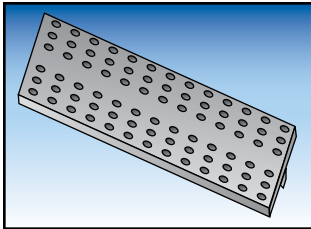
Automatic punching assures clean-cut, tight-fitting bolt holes with accurate spacing for the buckets on elevator belt-ing with fast deliveries.

In addition, custom hole patterns are available for chain driven units.



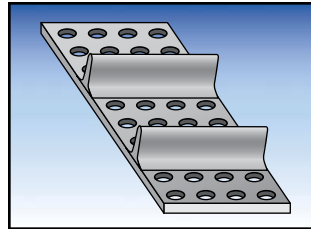
Perforating

For vacuum, suction or drainage applications, Beltservice produces perforated belts with a wide variety of hole sizes. Perforations are clean with no fuzz or tearing. Beltservice has over 500 dies for hole punching patterns.



Perforated V-Guided Belt

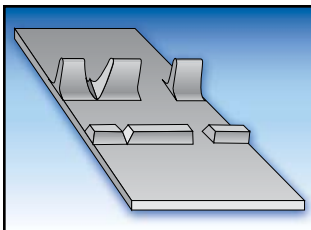
V-guides can be placed on a perforated belt to aid in tracking. The entire belt can be perforated, leaving a small strip onto which the V-guide is fastened. Used in vacuum and in drainage applications.



Perforated Cleated Belt

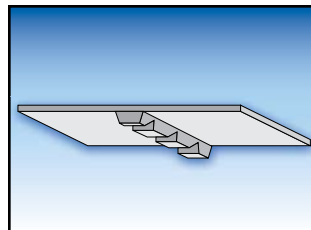
Perforated belt can be combined with cleats to create a vacuum belt or a belt that can drain a product while conveying on an incline. Perforations can be of any size and cleats on any centers. Slots available.

NOTCHING



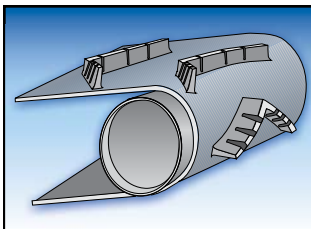
Notching - Cleats

Cleats can be furnished with notches for troughing idlers or curved pans.



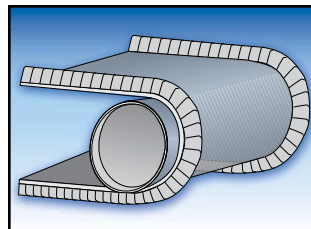
Notching - V-Guides

Notching enables a V-guided belt to operate on smaller pulley diameters. The V-guide virtually eliminates any tracking problems.



Notching - Chevron Cleats

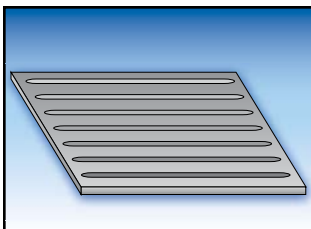
Notching chevron patterns allows the use of the belt on smaller diameter pulleys. Belts with notched chevrons are often known as "roofers' belts."



Notching/Siping - Flanges

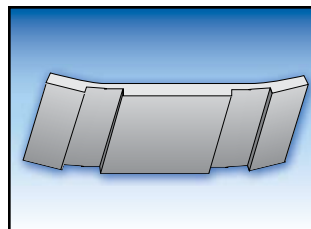
Notching of a flanged belt enables a flanged belt to operate on smaller diameter pulleys.

GROOVING



Grooving -- Lateral

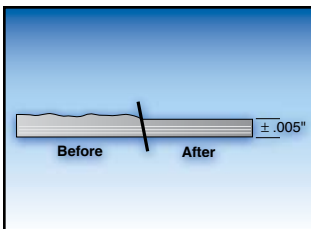
Grooving across the width of the belt can be used to convey liquid or other free-flowing material.



Grooving -- Longitudinal

Grooving can create an economical self-flanging belt for carrying free-flowing material without spillage.

PRECISION GRINDING



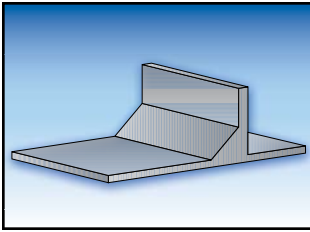
Precision Grinding

For applications requiring extreme thickness uniformity across the width of the belt as well as the length, Beltservice offers precision grinding. Accurate to $\pm .005$ ", precision grinding is available on rubber as well as urethane belts. Often performed on belts used on die stamping applications, precision grinding minimizes any imperfections that might be in the belt cover.

Precision Ground Silicone Top Cover Belts are used for hot wire sealing applications, balloon manufacturing, and plastic bag manufacturing. Covers are available in a variety of colors and thicknesses. Basic specifications include:

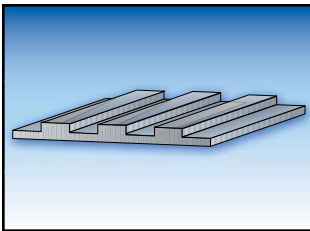
- Colors: Cover Red, White, or Aqua - other colors available; base belt: Black
- Plies: 3 (other base belts available)
- Weight: .140 Lbs./Ft.²
- Available Widths: 68" Maximum
- Cover Surface: 1/8" Precision Ground $\pm .005$ "
- Overall Gauge: .25"

URETHANE CLEATS



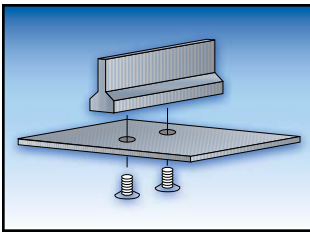
Urethane Standard Cleat

Available in heights from 1/2" to 6", this is a super-strong, abrasion-resistant cleat. Angled backup support enables the cleat to carry a heavier load.



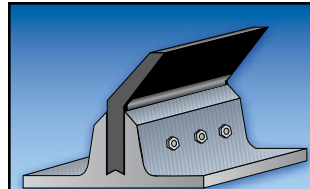
Urethane Square/Rectangular Cleat

Strong, abrasion-resistant urethane cleat. Available in any cross section.

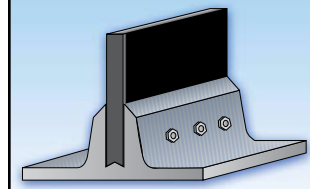


Urethane Bolt-On Cleat

Similar to Tatch-A-Cleat, only made of urethane, this strong cleat is quickly attached and just as quickly removed for replacement. Ideal for highly abrasive applications where the cleats face a high amount of wear.



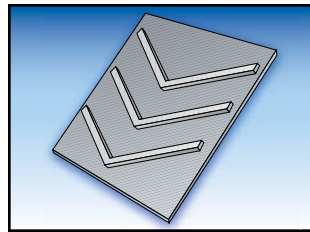
Two-Part C Cleat



Two-Part I Cleat

Urethane Two-Part Cleat

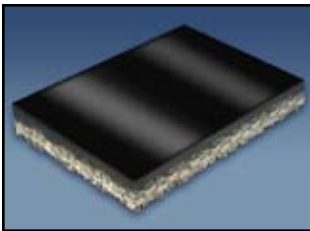
For heavy-duty, high capacity applications. Unique two-part construction consists of a rubber "foot" hot molded to the base belt, and a bolted-in urethane cleat. Cleat can be replaced in high-wear applications. Heights from 5" to 15-1/4".



Urethane Chevron Cleat

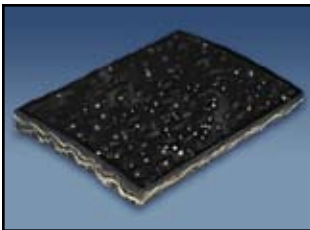
A wide variety of custom patterns are available for durable incline conveying. Call for details.

URETHANE SPECIALTIES



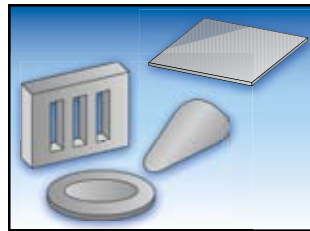
Urethane-Covered Belt

Urethane covers can be applied to a wide variety of base belts for differing conveying situations. Various urethane thicknesses, hardnesses and colors are available.



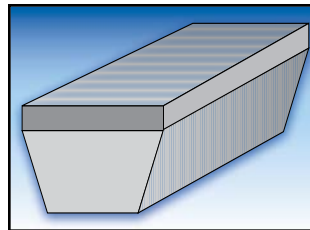
Ure-Clad

Also known as the "Ugly Belt," this belt features a tough interwoven carcass covered with and impregnated with abrasion-resistant urethane. Ure-Clad comes in two styles: a skim top cover and a 1/8" cover. For demanding applications requiring cut and abrasion resistance.



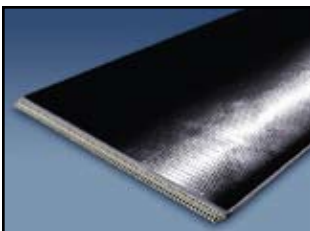
Urethane Sheets/Molded Parts

Urethane sheets are available in fabric-back or metal-back and any standard size, thickness or color. Urethane's moldable capabilities make it ideal for custom-molded part. Various durometers and colors are available for your particular application.



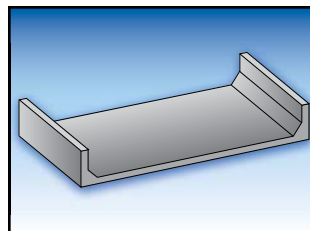
Urethane V-Belt and Timing Belt Backing

Fabricated to the desired thickness and durometer.



Urethane-Covered Wire Mesh

By combining the high wear and abrasion resistance of urethane with the strength of steel, Beltservice has created an almost indestructible belt. Ideal for coil wrappers, stamping operations, die cutting, belt sanding units, and glass cullet.



Urethane Flanges

All standard heights are available. Slitting (siping) is recommended.

FABRICATIONS - URETHANE SEGMENTED V-GUIDES, SPECIALTY FABRICATIONS & AIR PERMEABLE FABRICS

URETHANE SEGMENTED V-GUIDES

For many years V-Guides have been a good choice for solving belt tracking problems. Beltservice's new Urethane Segmented V-Guides have improved this concept in the following ways:



Segmented "A" V-Guide



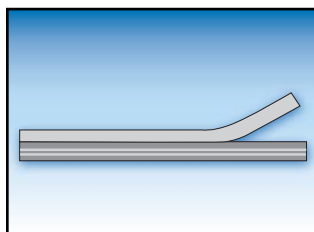
Segmented "B" V-Guide



Close-up of Heavy Duty Segmented "C" V-Guide

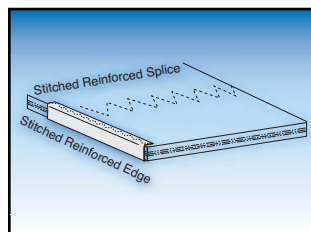
- Flexibility makes these perfect for smaller pulleys.
- Extremely resistant to abrasive applications.
- Because the guide is segmented, it provides protection against complete guide failure.
- Available in 3 profiles: A (1/2" wide x 5/16" high)
B (5/8" wide x 1/2" high)
C (7/8" wide x 5/8" high)
- Applications include: automotive (metal stamping), boxboard, fiberglass plants, tile manufacturing, building products, cement industry, and brick manufacturing.

SPECIALTY FABRICATIONS



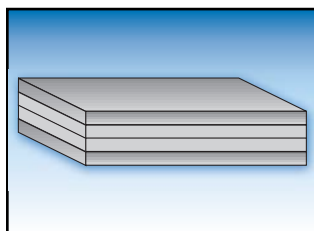
Custom Covers

A wide range of custom-compounded covers can be vulcanized or bonded to a selected base belt. Some popular covers include: open and closed cell sponge, white and black neoprene or hycar, Linatex, teflon, silicone and viton.



Stitching

Stitching is available to strengthen the lap area of a belt or to attach a fabric covering to protect the belt edge.



Laminations

Cured rubber, rubber belting or belting and rubber in various combinations can be vulcanized or bonded together to create thick pads and blocks.



Loop Belts

Specialty endless belt designed for handling sheets and other linens. Loops are welded to the belt to create soft, flexible loops for grabbing and folding.

AIR PERMEABLE FABRICS

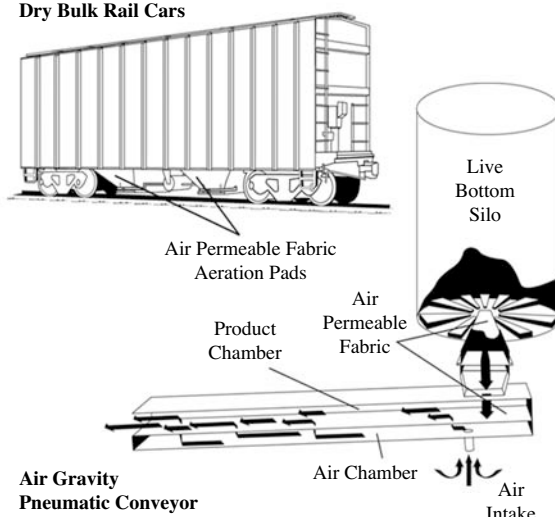
Air Permeable Fabrics

Beltservice is a full service, stocking distributor of the finest solid woven and nonwoven air permeable fabrics available. These fabrics are engineered specifically for air gravity conveyors and fluidized beds. All are carried in large inventories for fast delivery.

Nonwoven fabrics include Polyveyor and high temperature Polyveyor/Kevlar needled air permeable material. Woven 100% polyester fabric types are available in three styles of either low, medium, or high permeability.

Air permeable fabrics convey dry materials such as cement, alumina, flour, fly ash, silica sand, pumice, resins, chemicals, and barite. All styles are in stock and readily available. Call Beltservice for more information on our full line of air permeable fabrics.

Dry Bulk Rail Cars



Air Gravity Pneumatic Conveyor

16-2 2 Ply Solid Woven Cotton

16-3 3 Ply Solid Woven Cotton

16-4 4 Ply Solid Woven Cotton

16a Polyveyor® .5 CFM Rated (#1950)

16b Polyveyor® 1.5 CFM Rated (#1951)

16c WPLP (Woven Polyester Low Permeability) Solid Woven Polyester

16d WPMP (Woven Polyester Medium Permeability) Solid Woven Polyester

16e WPHP (Woven Polyester High Permeability) Solid Woven Polyester

16f Polyveyor/Kevlar

CUSTOM CUT PARTS

Beltservice's computer-controlled cutting tables handle a wide variety of materials for both small and large orders. With our in-house waterjet and flash cutting equipment, we have two highly efficient cutting methods that guarantee the parts are precisely duplicated from your first order to the next for your repeat business. The tolerances of both cutting machines is a consistent plus or minus 0.007".

Beltservice can machine high volume, short run, or prototype cut parts. Examples of our parts, made from a variety of materials, include:

- Seals
- Spacers
- Bumpers
- Dampeners
- Gaskets
- Shields
- Washers
- Blades
- Shims
- Covers
- Liners
- Screens
- Pads
- Flaps

Parts are made from any material in Beltservice's inventory of over 325 belt specifications in addition to urethane, foam rubber, Plexiglas, vinyl, leather, polycarbonate, and UHMW. Thicknesses of up to 4" are cut.



Examples of Beltservice custom cut parts.

Beltservice's Flash Cutting Capabilities

- High speed reduces cost
- Consistent & repeatable quality each order
- Windows™-based drafting software
- Larger size flatbed cutting table

Beltservice's Waterjet Capabilities

- Latest waterjet cutting technology
- Waterjet parts are cut with no costly tooling
- Highest precision and craftsmanship
- Large and small volume orders



Beltservice's Flash Cutter in operation.

Cut parts in virtually any shape can be made in a single step with exceptional edge quality that is produced without inducing heat affected zones or mechanical stress. Raw materials maintain their structural integrity and additional edge finishing is usually not required.

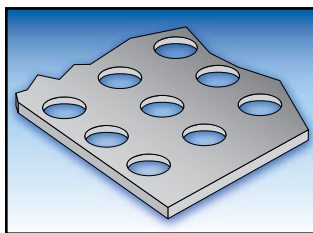
With Beltservice's large inventory of hundreds of different materials on hand, your cut parts order can be done very quickly in one call, with one freight bill, and one invoice in a minimum amount of time. We can even drop ship your order to your customer "in the blind" for even better turnaround time and greater customer service and satisfaction.

For more information about Beltservice's custom cut parts, call your nearest branch or 800-727-2358. E-mail inquiries to sales@beltservice.com.



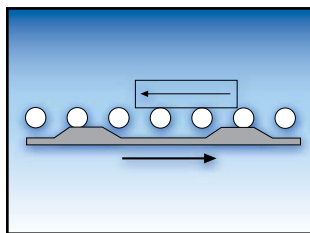
Beltservice waterjet cutting equipment.

SPECIALTY BELTS



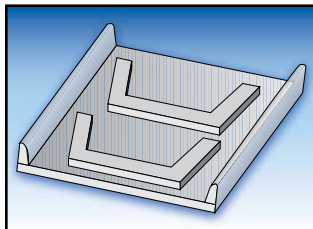
Sizing Belts

Holes of various diameters can be punched in the belt to allow items below a certain size to fall through. These kinds of belts are common in the agricultural industry where they are used to size fruits and vegetables.



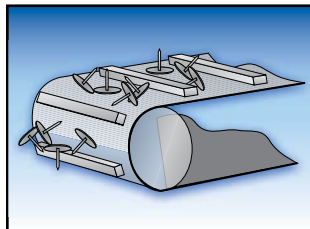
Exciter/Activator Belts

Also known as "ripple belt" pads, these pads can be made any length, thickness and width required. As the belt and pads travel underneath the carrier idlers, the pads contact the rollers and drive them, propelling a unit load forward. Available in rubber or in low durometer urethane.



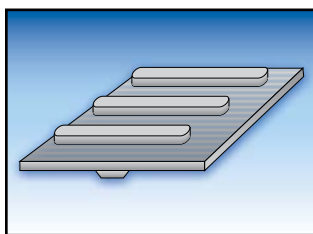
Solid Waste Disposal Belts

Beltservice offers a wide variety of belts for this growing industry. Popular items include flanged and cleated belts for sorting lines and incline conveying from the main tipping floor. This is a truly demanding application requiring high-quality construction.



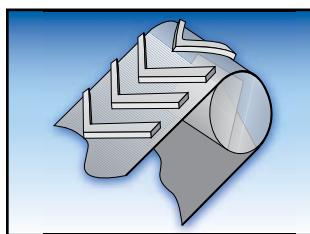
Urethane Cleated Belts for Small Pulleys and Nose Bars

Fabricated belt for applications requiring a cleated belt that must operate on very small pulleys. Urethane belts and cleats are resistant to abrasion. Cleats are welded into the belt to ensure superior adhesion.



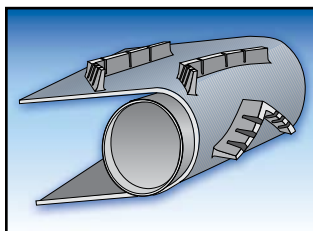
Trencher Belt

A very popular replacement item also known as a ditcher belt. This combination of cleats and tracking guide is universally used on ditch-digging and road construction equipment. Cleats and guides are hot molded to heavy duty belting for rugged severe service.



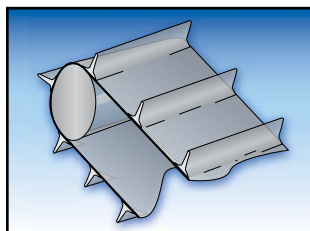
Cold Planer (Road Scalper) Belts

Cold planer belts are used on large portable roto-plane equipment used to remove old roadbed pavement. The belts carry the material to waiting trucks. Belts feature rubber belting with hot molded chevrons on close centers for high-volume conveying.



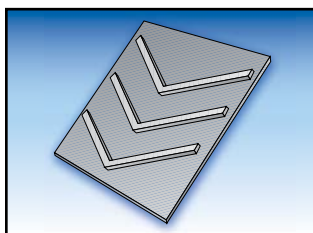
Roofers Belt

Every large roofing contractor has one or more portable conveyors which they haul to the new building job site and use to convey roofing materials – both bulk and bagged – up steep inclines. These belts generally feature notched chevron cleats up to 2" tall.



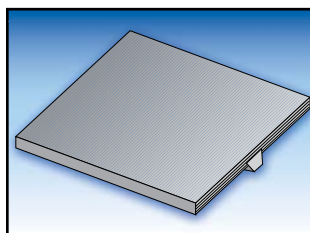
Cleated White Food Belt

Beltservice produces the widest variety and highest quality cleated white food belting available in the industry. Each cleat is hand crafted to a smooth finish leaving no place for bacteria or waste particles to collect. Fabrication materials are acceptable for use in FDA applications.



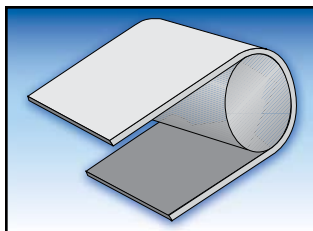
Scrap Metal Belt

Every scrap metal yard has one or more scrap metal conveyors. This severe application requires a heavy duty belt and cleats to withstand the cutting, gouging and abrasion of the scrap metal. Rubber chevron cleats as well as rubber or urethane cross cleats are recommended.



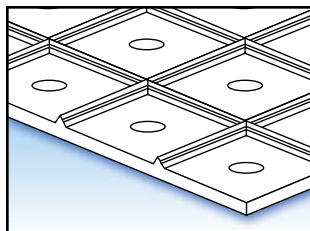
APC V-Guided Belt

Popular replacement belt for APC accumulation conveyors. The V-guide is recessed one ply into the carcass to improve the guide's ability to withstand lateral pressures. Available from stock in: smooth rubber covers, PVC covers, and pebbletop and rougtop textures.



Die Stamping Belts

High quality belts for this brutal application. Urethane cover of belt is repeatedly cut into by the die cutter. The special construction "heals" itself, increasing the life of the belt.

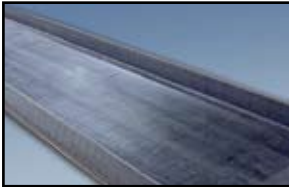


Wide Belt Sander Belts

Beltservice offers a variety of belts for wide belt sanding machines for the lumber industry. Both smooth and impression surface belts are available for these demanding applications. Popular covers are smooth, rougtop and diamond top. Many styles also available.



Notched-flange feeder belt with V-guide.



A drilled and siped 2" flange fabrication.

Feeder Belts

Beltservice manufactures a complete line of feeder belts for all of the common gravimetric and volumetric weigh feeders on the market. Belts are available with or without flanges and bottom V-guides. Flanges range from 1/2" to 2" tall and can be siped or notched for use on small diameter pulleys. Corrugated sidewalls can be used when the feeder's pulleys are too small for flanges or greater height is required for higher capacity feeders.

Standard feeder belts are vulcanized endless for a smooth long lasting splice. Mechanical fasteners may also be used for quick change-outs and ease of installation. Rubber covered "hidden" splices provide the smoothness of a vulcanized splice with the speed and ease of installation of a mechanical splice.

Many of the most common feeder belt specifications are made up in bulk rolls ready to be cut to length and spliced – greatly reducing both lead time and cost! Flanges are available in standard 60 durometer, a softer 40 durometer for smaller pulleys, and a variety of compounds to match the compound characteristics of the base belt. For feeder belt literature or more information call 800-727-2358 or go online to www.beltservice.com or e-mail sales@beltservice.com.

Filtration Belts

Used in a variety of applications, including chemical, mineral, food and other process slurries, these belts are designed to remove liquids from solids. Beltservice filter belts feature rugged flanges, precision grooving, and clean perforations. Wear belts, which are sometimes located under the filter belts to reduce wear, are also available.

Construction of filter belts consists of lateral grooves with holes in the center of the belt from which the liquid escapes. Drainage holes are either in a fabric-free zone down the center of the belt or thoroughly sealed to prevent the liquid being drained from soaking into the fibers of the belt. Special flanges and sidewalls are available to keep the product being conveyed from spilling over the sides of the belt. View our product brochure featuring filter belts online at www.beltservice.com. Request quantities of the brochure from your nearest Beltservice branch or call 800-727-2358; e-mail sales@beltservice.com.



A Beltservice filtration belt.

Blast Cleaning Tumbling Belts

Tumbling belts for blast cleaning systems are available with a variety of hole patterns, cleat profiles and spacings. Unique custom designs and industry standards utilize Beltservice's patented Thermocure bonding process to permanently bond cleats and/or V-guides to the base belt. A variety of cleat profiles assure the proper tumbling action. Some of the more popular profiles include rounded, pyramid and rectangular shapes.

Blast belts are found in a number of metal finishing industries and are used to clean and deburr metal products. The belts are made to withstand extremely abrasive conditions in environments such as foundries, metal stamping, heat treating, small automotive-related parts manufacturers and rebuilders, etc. Contact your nearest branch to request quantities of Beltservice's blast belt brochure or call 800-727-2358; e-mail sales@beltservice.com. This literature is also viewable online at www.beltservice.com.

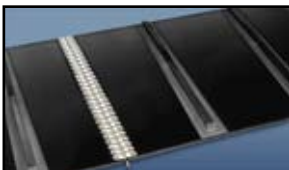


A blast cleaning tumbling belt.

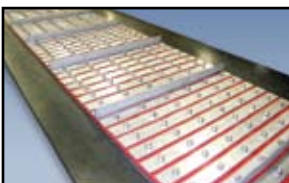
Magnetic Separator Belts

Magnetic separator belts revolve around a magnet suspended over a conveyor. The magnet attracts unwanted metal from material being conveyed and pulls it to the surface of the magnetic separator belt. With the help of rubber, urethane, or stainless steel cleats, the metal is transported out of the magnetic field and discharged into a collection area. Magnetic separators requiring a belt are often referred to as self-cleaning and can be found in a number of industries, including coal handling, cement, recycling, food production, and many others. These belts are available in compounds such as rubber, urethane, and PVC.

Beltservice has more than 40 years experience in fabricating thousands of feet of magnetic separator belts. A brochure featuring our separator belts may be viewed online at www.beltservice.com. For more information or to request quantities of the brochure, contact your nearest Beltservice branch or call 800-727-2358; e-mail sales@beltservice.com.



Separator belt with square rubber cleats.



An "armor-clad" magnetic separator belt.

BELT WALL CORRUGATED SIDEWALL BELTING



Beltwall is one of the world's leading producers of cross-rigid corrugated sidewall belting. Beltwall has an outstanding record of successful bulk handling installations worldwide.

Three factors contribute to Beltwall's superior performance on high-lift systems:

1. Beltwall's unique combination of two cross-rigid plies and special high-strength rubber create the most cross-rigid base belt available.
2. Beltwall's sidewall construction of fiber-loaded compounds keeps incidental cuts or tears from propagating.
3. Beltwall's urethane cleats bolted into cleat bases that are vulcanized to the base belt are more durable than rubber cleats of similar size. All Beltwall cleats are hot-vulcanized onto the base belt to ensure the highest adhesion levels possible.

Beltwall offers the widest variety of corrugated sidewalls in the industry – from 1" through 16" – with metric sizes readily available. Sizes above 5" are reinforced with a specially woven fabric ply to provide exceptional strength and performance.

BASIC CONFIGURATIONS

Beltwall belts carry material in any plane from horizontal to vertical. The most common conveyor shapes include straight incline, "L," and "S" shapes (see page 42) but almost any configuration is possible.

CONSTRUCTIONS

Each Beltwall belt consists of two corrugated sidewalls bonded to a cross-rigid base belt. The walls can be recessed for clearance and belt support through bend sections. Beltwall offers three distinct cleat profiles (see table on page 41) to provide optimal capacity at any angle. White food grade Beltwall belts are available with sidewalls from 1" to 5". These belts are acceptable for most applications governed by FDA regulations.

RUBBER COMPOUNDS AVAILABLE

Black Standard

Black Moderately Oil Resistant

Black High Heat Resistant

Black High Oil Resistant

Black Flame Retardant

White Oil and Fat Resistant (FDA)



All Beltwall products are packaged to ensure they arrive in "factory new" condition, whether shipped across the state, country, or world.

HEAVY DUTY FRACWALL BELTS

The growth of the frac sand industry has resulted in numerous OEMs entering the market to provide frac sand delivery vehicles. Each has a slightly different approach but most involve the use of sidewall belts.

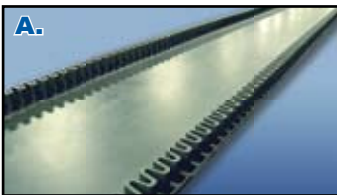
BELT WALL FRACWALL MAJOR FEATURES:

- Heavy duty, abrasion resistant rubber base belts available in cross-rigid and non-cross rigid multi-ply construction. The lateral rigidity of the cross rigid belts allows for the ability to negotiate upturn and downturn transition bends on the conveyor.
- The corrugated sidewalls are constructed of fiber-loaded compounds (exclusive to Beltwall) to mitigate the propagation of cuts and tears. The sidewalls are available in a variety of heights and are attached to the base belt via cold or hot bond.
- Cleats and profiles are hot vulcanized onto the base belt to ensure the highest adhesion levels possible.
- With over 300 belt specifications stocked, a wide variety of base belts are available. The most common are heavy duty 2-ply 220 PIW 3/16" x 1/16" and cross-rigid 4-ply 220 PIW 3/16" x 1/16".
- A variety of end preparations are available to facilitate easy installation at the jobsite.

BELT WALL CUSTOM FRACWALL FABRICATIONS:

- For new applications, contact the Beltwall Division of Beltservice. Let us put our years of experience to work in deriving the best, most cost competitive design.
- For existing applications where the current belt does not meet the operational requirements, we can provide alternative suggestions.

THE MOST COMMON REPLACEMENT BELTS ARE READILY AVAILABLE FROM THE BELT WALL DIVISION:



A. Sidewall Only

- Belt: 2-ply 220 PIW Black Standard, 3/16" x 1/16"
- Widths: 24", 30", and 36"
- Sidewall: 2-1/2" or 3" tall and flush to belt edge
- Min. pulley diameter 10"
- Stocked: 24" wide with 2-1/2" and 3" wall



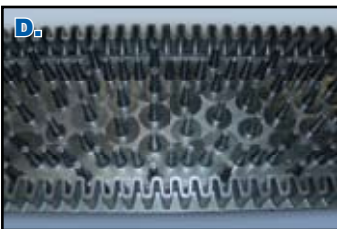
B. HD Steepclimb

- Belt: 4-ply 220 PIW Black Standard cross rigid, 3/16" x 1/16"
- Widths: 24", 30", and 36"
- Sidewall: 3" or 4" tall and recessed from belt edge
- Min. pulley diameter 12"
- Stocked: 24", 30", and 36" wide with 3" wall recessed (call for dimensions)



C. I-Cleat

- Belt: 4-ply 220 PIW Black Standard cross rigid, 3/16" x 1/16"
- Widths: 24", 30", and 36"
- Sidewall: 3" or 4" tall and recessed from belt edge
- Min. pulley diameter: 10"



D. HD Nub Belt

- Belt: 2-ply 220 PIW Black Standard, 3/16" x 1/16"
- Widths: 24", 30", and 36"
- Sidewall: 3" tall and hot bonded to belt edge
- Min. pulley diameter 10"
- Stocked: 24", 30", and 36" wide with 3" wall flush to belt edge

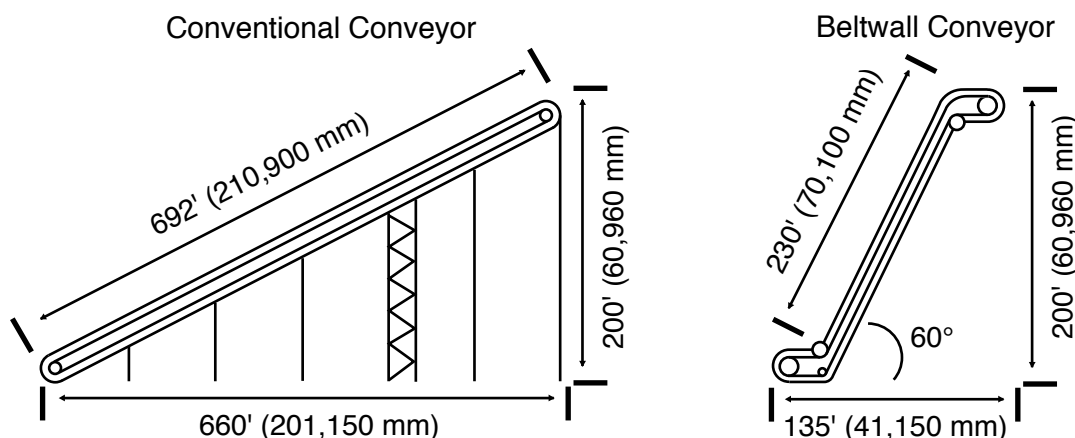


THE BELT WALL DIVISION OF BELTSERVICE CORPORATION

4143 Rider Trail North • St. Louis, MO 63045

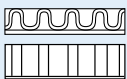
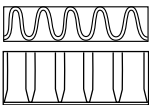
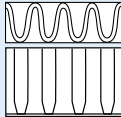
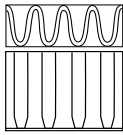
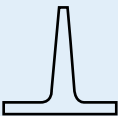
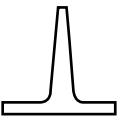
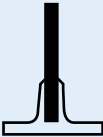
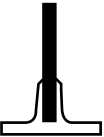
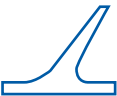
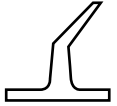
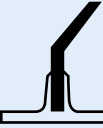

Tel: 314-344-8500 • Fax: 314-344-8511 • E-mail: beltwall@beltservice.com

STEEP INCLINE CONVEYING UP TO AND INCLUDING 90°



Large savings in structural steel and components have made Beltwall's steep incline conveyor belts an economical alternative to conventional conveyors and bucket elevators. Beltwall works with knowledgeable local distributors or equipment manufacturers that provide all the support you need in over 40 countries.

BELT WALL COMPONENTS

SIDEWALLS													
	Height												
	1"	1-1/2"	2"		2-1/2"	3"	4"	5"	6"	8"	10"	12"	16"
	25 mm	38 mm	51 mm		64 mm	76 mm	102 mm	127 mm	25 mm	38 mm	51 mm	203 mm	406 mm
	(Sidewall Heights 6" and above are fabric reinforced)												
CLEATS													
	I				I or I(B)				I or I(B)			IB	
	Height												
	1/2"	1"	1-1/2"		2"	2-1/2"	3-1/2"	4-1/2"	5-1/2"	7-1/2"	9-1/2"	11-1/4"	15-1/4"
	13 mm	25 mm	38 mm		51 mm	64 mm	89 mm	114 mm	140 mm	190 mm	241 mm	286 mm	387 mm
C													
	C												
	Height												
		1"	1-1/2"		2"	2-1/2"	3-1/2"	4-1/2"	5"				
		25 mm	38 mm		51 mm	64 mm	89 mm	114 mm	127 mm				
S													
	S or S(B)								S or S(B)			SB	
	Height												
								4-1/2"	5-1/2" *	7-1/2"	9-1/2"	11-1/4"	15-1/4"
								114 mm	140 mm	190 mm	241 mm	286 mm	387 mm

Any intermediate size sidewall or cleat is available upon request.

* 5-1/2" cleat available in hot molded rubber or 2 piece urethane construction.

(B) Optional two-bolt attachment of cleats to sidewalls

B Two-bolt attachment of cleats to sidewalls

DESIGN INFORMATION DATA SHEET

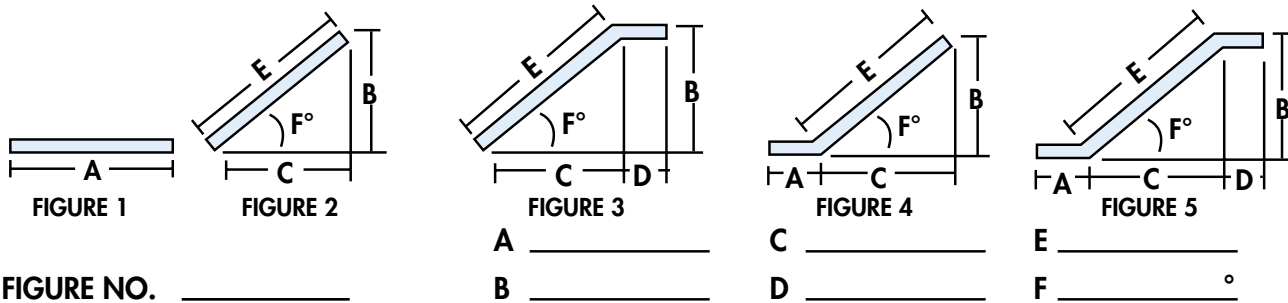
Customer: _____
 Address: _____
 City/State/Zip: _____
 Reference: _____
 Customer Class: User ___ OEM ___ Dist ___ Sales Territory: _____

Date: _____
 Contact: _____
 E-Mail: _____
 Phone: (____) _____
 Fax: (____) _____

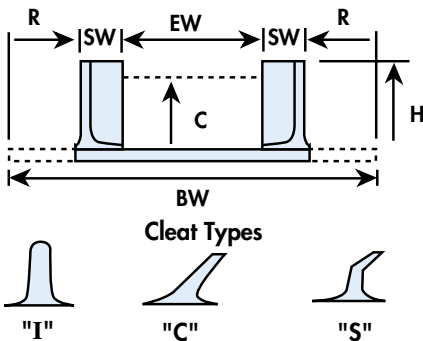
DESIGN INFORMATION -- ALL BELTS

Material: _____ Max. Temperature: _____
 Required Capacity: _____ (STPH) Oily Condition? ☐ Yes ☐ No
 Density: _____ (lbs./cu.ft.) Moisture? _____ %
 Angle of Surcharge: _____ ° Belt Width Preference? _____
 Lump Size: Min. _____ Max. _____ Belt Speed Preference? _____

CONFIGURATION



EXISTING BELT



Belt Length _____
 Belt Width (BW) _____
 Sidewall Height (H) _____
 Sidewall Recess (R) _____
 Sidewall Width (SW) _____
 Effective Width (EW) _____
 Belt Speed _____

Belt Type _____
 Covers _____
 Cleat Height (C) _____
 Cleat Type _____
 Cleat Spacing _____
 Pulley Dia. _____
 End Prep. _____

NOTES:



Written up by: _____

Photocopy, complete and FAX to: (314) 344-8511
 or email: beltwall@beltservice.com

BELT ACCESSORIES

Alligator Lace

Beltservice stocks a complete inventory of sizes, lengths and types.



Alligator Plastic Rivet Fastener

Rugged plastic fastener for black and food grade belts. Installed in the factory or in the field with special tools.



Belt Dressing

Used to increase traction between belt and pulley and as a preservative.

- Liquid
- Aerosols
- Neatsfoot Oil

Belt Scrapers (Urethane)

Available in various hardness and compounds, including food grade.

Clipper Lace

The full range of sizes, types, laces, accessories.



Cold Vulcanizing Cements

- Rubber
- PVC
- Hot or Cold Bond

For splicing belts endless; bonding cleats, flanges, V-guides; laminations; lagging pulleys; bonding rubber to metal; repairing belts. **For use in field or shop.**

Edge Sealing

- Latex
- Urethane

Used to seal belt edges to protect against fraying and moisture penetration.

Elevator Bolts and Nuts

To join elevator belt ends. Overlap-butt joint-pad joint; most popular sizes in stock.

Elevator Buckets

A wide variety of sizes and styles are available for most any elevating application.



Flexco Fasteners

- Plate Type
- Rivet Type
- Hinged Type



Leader Wire Pins

Recommended for belts 48" and wider to make inserting the nylon-covered cable easier.

Comes complete with leader wire, connecting sleeve, and nylon-covered cable pin.

Leather Products

Flat belt, round leather belt, lace leather, leather washers.

Minet Fasteners

Mechanical fasteners for a wide variety of conveying applications.

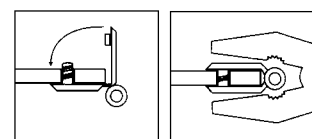


Plastic Fasteners

Will beat metal detector units; ideal for food industry; can be steam sterilized; resists most chemicals; easily installed.

Constructed of a plastic nylon suitable for lightweight conveyor belting. It is economical compared to vulcanizing and can be separated for fast installation and removal. Unlike conventional metal fasteners it is safe to operators and will not damage goods that are conveyed. Available in packages sufficient to lace 24"-wide belts. Size B & C.

A reusable template is required for each use.



Pulley Lagging

Smooth, seamless urethane, drive screws, lagging cement.

Pulleys

- Conveyor/Elevator
- Winged Pulleys
- Tapered Pulleys

For more information on lacing and mechanical fasteners, see page 30.

Rubber Splice Kits

Component materials furnished for splicing belts endless in field or shop.

Sewing Machine Belt

- Round Leather
- V-O-V Type

Aerosols to Lubricate

- Silicone Spray

Spiral Lace

Mechanical fastener vulcanized into belt. Allows use on extremely small diameter pulleys.

Tatch-A-Cleat

Bolt-on cleats in a variety of compounds including rubber and PVC. Quickly attaches to belt, and is easily removed.



Urethane Round Belt

- Solid
- Hollow
- Plastic Fasteners

Urethane Splice Kits

To cover lacing so product will not mar.

Skirtboard Rubber/Chute Lining

Used at the point of loading for guiding product onto the center of the belt and for protecting metal parts. Also useful for lining metal and wood chutes, hoppers, and troughs. Commonly found in construction, sand and gravel operations, quarries and mines, and in feed and grain applications.

- 84** 1/4" Skirtboard
- 85** 3/8" Skirtboard
- 85a** 1/2" Skirtboard
- 85b** 3/4" Skirtboard
- 85c** 1" Skirtboard

ORDERING A BELT

To order a belt, be sure to furnish the following information:

1. Beltservice Catalog Number: _____
2. Exact Length: Ft. _____ In. _____
3. Width: In. _____
4. Ply(s): _____
5. Carcass (Type and Rating): _____
6. Color: _____
7. Surfaces: Top _____ Bottom _____
8. Compound: _____
9. Type of Splice
 - ☐ Open Length
 - ☐ Metal Lace (Type)
 - ☐ Vulcanized Endless
 - ☐ Prepared Laps
 - ☐ Other _____

Other information helpful to have:

10. Overall Gauge: _____
11. Brand name and description of belt being replaced:
(Get from invoices, purchasing & inventory records.)

- If cleated: Cleat Height: _____
Cleat Width: _____
Cleat Centers: _____
- If punched elevator belt:
No. of holes across: _____
in. bolt hole centers: _____
in. cup spacing: _____
in. diameter holes: _____
(or bolt diameter)
Single Row: _____
Double Row (staggered?): _____

Recommendations, a Note of Caution

On a day-to-day basis Beltservice is asked to make belt recommendations for a multitude of belting applications. This we are happy to do as one of our many services. Our recommendations are made based on the information furnished by you, which is often sketchy and incomplete. In many cases, memories and guesses are relied upon. The recommendations we give are based on our years of experience in the belting industry. They **are not** a guarantee of successful operation. **Only** in the event we totally engineer the system with on-site inspection for total verification can we issue a guarantee, which must be in writing.

Recommended Minimum Pulley Diameters - Cleats, V-Guides and Flanges

MOLDED RUBBER						CAST URETHANE		
Cleat Height	Rec. Min. Pulley Dia.	Flanges A, B, C, D	Solid V-Guides + 50%	Siped	Drill & Siped	Cleat Height	Rec. Min. Pulley Dia.	
1/2"	3"	3/4"	10"	7"	6"	1/2"	6"	
1"	4"	1"	10"	7"	6"	1"	6"	
1-1/2"	5"	1-1/2"	18"	14"	12"	1-1/2"	8"	
2"	6"	2"	18"	14"	12"	2"	10"	
2-1/2"	8"	PVC				2-1/2"	12"	
3"	10"					3"	14"	
4"	12"					4"	14"	
5"	12"					5"	16"	
6"	14"					6"	16"	
Lug Cleats	Rec. Min. Pulley Dia.	Flanges A, B, C, D	Solid V-Guides + 50%	Siped	Drill & Siped			
A	3"	3/4"	10"	7"	6"			
B	3-1/2"	1"	10"	7"	6"			
C	4"	1-1/2"	18"	14"	12"			
D	8"	2"	18"	14"	12"			
V-Guides	Rec. Min. Pulley Dia.	Cleat Height	Rec. Min. Pulley Dia.	Lug Cleats	Rec. Min. Pulley Dia.	V-Guides	Solid	Notched
	Solid Notched	1/2"	3"	A	2-1/2"	A	N/A	4"
O	2"	1"	4"	B	3"	B	N/A	5"
A	4"	1-1/2"	5"	C	4"	C	N/A	7"
B	6"	2"	6"			D	N/A	10"
C	8"	2-1/2"	8"	V-Guides	Solid Notched			
D	12"	3"	10"	O	2-1/2"			
		4"	12"	A	3"			
				B	5"			
				C	6"			

CAUTION: Each belt specification has a manufacturer's recommended minimum pulley diameter, which is shown for each specification in this catalog. These manufacturer's minimums override any of the figures above, i.e., the larger of the two prevails.

Conveyor Belt Selection - Analysis Data Sheet

Material _____ Wt./Cu. Ft. _____ Lbs. Max. Lump Size _____ In. % Fines _____
 Max. Temp _____ F° Avg. Temp _____ F° Oil Condition _____
 Abrasion: ☐ Slight ☐ Moderate ☐ Extreme
 Other Conditions: _____

Total Belt Length _____ Ft.
 Indicate whether conveyor is:
 HORIZONTAL: ☐ Horizontal ☐ Incline ☐ Decline
 INCLINE (or DECLINE): Give Horizontal C-C _____ Ft. or Contour C-C _____ Ft.
 Give Vertical C-C _____ Ft. or Angle of Slope _____ Ft.

Drive: No. of Drive Pulleys _____ Location: ☐ Tall ☐ Return Run ☐ Head
 Arc of Contact _____ ° Wrap: ☐ Lagged ☐ Bare
 Motor Type _____
 Type of Starting _____

Idlers: Idler Angle _____ ° Spacing: Carrying _____ Ft. _____ In. Return _____ Ft. _____ In.
 Diameter: Carrying _____ In. Return _____ In.
 Type: ☐ High Grade Roller Bearing ☐ Standard Antifriction ☐ Special Type, Describe: _____

Loading Point: Type: _____ Spacing: _____ Ft. _____ In.
 Takeup: ☐ Screw ☐ Gravity or Automatic Takeup Travel: _____ Ft. _____ In.
 Takeup Location _____ Actual Takeup Wt. _____ Lbs.

Splice: ☐ Vulcanized Splice ☐ Mechanical Fastener, Type: _____

Pulley Diameters: Drive _____ In. Drive Snub _____ In. Head _____ In. Head Snub _____ In.
 Takeup _____ In. Takeup Bend _____ In. Tail _____ In. Tripper _____ In.

Loading Conditions: From _____ Loading Point _____

Total Vertical Drop _____ Ft. [Made up of _____ Ft. free fall and _____ Ft. of vertical height on loading chute at _____ ° angle to horizontal]

Discharge: ☐ End ☐ Plow ☐ Tripper, Lift _____ Ft. ☐ Other _____

Previous Conveyor Belt: Width _____ In. Fabric _____ Plies _____
 Quality _____ Top Cover _____ In. Pulley Cover _____ In.
 Manufacturer _____ Life _____

Pattern of Belt Failure: ☐ Ply Separation ☐ Carcass Breaks ☐ Cover Worn Off ☐ Other _____

Elevator Belt Selection - Suspended Weight Method

This chart, when filled in completely, will indicate the proper elevator belt to use in terms of tension. Other factors such as bucket projections, chemical and/or heat exposure, and service conditions will influence the type of belt to select.

Drive Info: _____ **Elevator Centers** _____ **Length & Width of Belt** _____ **Material/Cu. Ft.** _____
Type & Size of Buckets: **Bucket Capacity** _____ **Bucket Spacing** _____ **No. of Rows** _____

1. **Empty Buckets** _____ × _____ Lbs. = _____ Lbs.
 (No. of Buckets on Ascending Side) (Weight of Each Bucket) **(Weight of Buckets)**

2. **Load in Buckets** a. _____ ÷ **1728** Lbs. = _____ Lbs.
 (Cu. In. Operating Capacity Each Bucket) (Cubic Inches per Cubic Foot) (Cu. Ft. per Bucket)
 b. _____ × _____ Lbs. = _____ Lbs.
 (Cu. Ft. per Bucket) (Weight of Material per Cu. Ft.) (Weight of Material per Bucket)
 b. _____ × _____ Lbs. = _____ Lbs.
 (Weight of Material per Bucket) (No. of Buckets on Ascending Side) **(Weight of Material)**

3. **Belt Weight** _____ × _____ Lbs. = _____ Lbs.
 (No. of Ft. of Belt on Ascending Side) (Weight of Belt per Linear Ft.) **(Weight of Belt)**

4. **Tension** **[Add Results of Nos. 1, 2c and 3 Above]** = _____ Lbs.
(Tension)

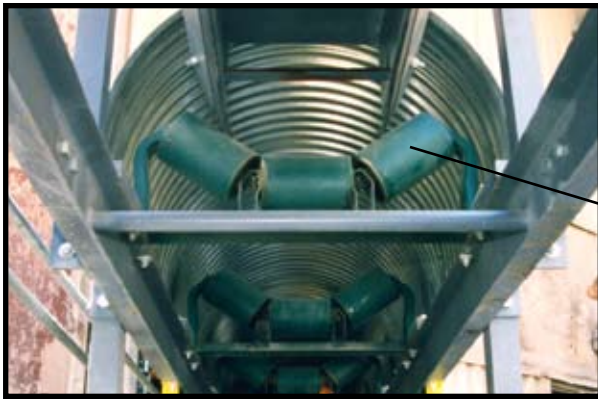
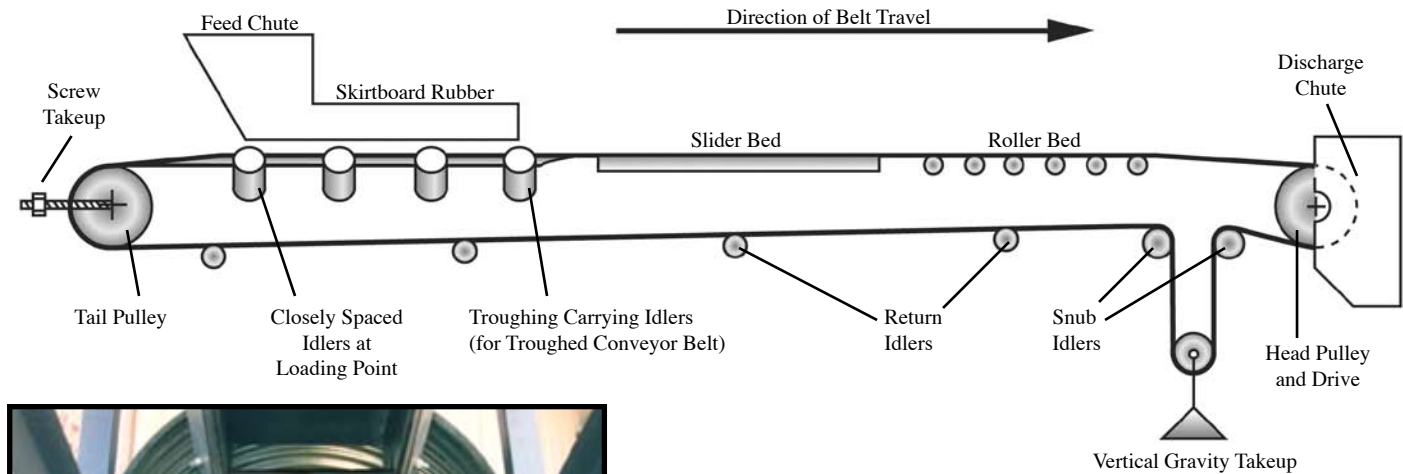
5. **Maximum Tension** _____ × **1.25** = _____ Lbs.
 (Tension) (Dig Factor) **(Maximum Tension)**

6. _____ ÷ _____ = _____ Lbs.
 (Maximum Tension) (Width of Belt) **(Max. Tension per In. of Width)**

7. **Select belt with next highest rated tension figure. Double check minimum bucket projection allowed for selected belt.**

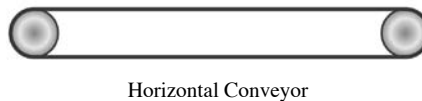
CONVEYOR TERMS AND DEFINITIONS

The following schematics with terms and definitions are included here to help enable Beltservice distributors to better discuss their conveyor belt needs with our salespeople so that the right belt is selected for the application.

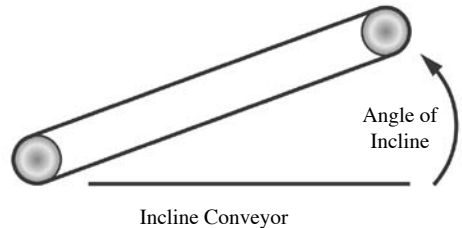


Troughing Idlers
Normally – 20° 35° 45°

CONVEYOR TERMS



Horizontal Conveyor



Incline Conveyor

Angle of Incline

The degree a conveyor is tilted from horizontal.

Return Idler

Idlers used to support the belt as it passes underneath the conveyor structure.

Snub Idler

Idler used to increase the amount of belt in contact with the pulley or to deflect the belt in a different direction. Snubbing a belt near a pulley can increase the effective tension at the pulley.

Drive Pulley

Pulley connected to a power source used to drive conveyor. Usually the drive pulley is the head pulley, but on some kinds of systems, including many package handling conveyors, the drive pulley is located underneath the conveyor.

Roller Bed

Free-wheeling rollers on which the carrying side of the belt rides.

Tail Pulley

Pulley at the beginning of the carrying run of the conveyor. The tail pulley is usually free-wheeling.

Gravity Takeup

Device used to remove slack and stretch in a conveyor belt. A free weight is suspended from a pulley on the return side of the belt. The takeup is free to lower as needed to remove any slack as the belt is operated. The gravity takeup is usually located as close to the drive pulley as possible.

Screw Takeup

Device utilizing a bolt construction used to lengthen the conveyor to remove slack in the conveyor belt. By moving a bolt, the tail pulley is pushed away from the head pulley thus removing slack from the belt.

Troughing Idlers

Grouping of idlers on the carrying side of the conveyor designed to make the conveyor belt curve into a cupped shape, increasing conveyor capacity. Troughing idlers are usually 20°, 35°, or 45°.

Head Pulley

Pulley at discharge end of belt. The head pulley is usually powered by conveyor drive source. Pulley “pulls” belt along the conveyor.

Slider Bed

A smooth, flat surface (usually steel or wood) beneath the carrying side of the belt.

Skirtboard Rubber

Skirtboard rubber is primarily used at the loading point to guide product into the center of the belt and to prevent spillage.

BELT APPLICATIONS

Message to Distributor Salespeople -

The following is a list of industries, applications and types of machinery that use belting. Call on these industries and ask for the replacement and/or new installation business.

Aluminum Industry

Bath
Cans
Coke
Extrusion Plants

Automotive Industry

Belt Wrappers
Magnetic Conveyor
Metal Stampings
Scrap Conveyors
Steel Sheer Lines

Baking Industry

Biscuit Conveyors
Bread Conveyors
Cake Conveyors
Cartons (Incline & Decline)
Chocolate Cooling Tunnel Belts
Chocolate Enrober Bottom Belts
Depanning Lines
Finished Product Lines
Slicers & Wrappers
Stackers (Endless)

Brewing Industry

Can Elevators
Carton Sealers

Building Materials Industry

Ceramics
Gypsum Products
Roofing and Siding
Structural Clay Products

Bulk Sea Transportation Industry

Ship Loaders
Ship Unloaders

Candy and Confectionery Shops

Conveying Raw Chocolate or Cocoa
Incline Belts
Sorting Tables
Packaging Machines

Canning and Freezing Industry

Carton Conveyors (can)
Case Sealers
Elevators
Filling and Packaging
Full Case Elevators
Harvesters and Loaders
Scrap Conveyors
Shear Lines
Spinner Lines
Tomato Harvesters

Folding Box and Carton Industry

Assemblers
Cartons
Corrugated Box Plants
Die Cutter - Feed Belts
Folder Gluer
Paper Box and Container Plants
Perforated Vacuum Belts
Printer-Slotter Machines
Stacker Belts
Wrapper - Paper Feed Belts

Construction Industry

Portable Batch Conveyors
Road Scalpers
Roofing Belts
Sand and Gravel

Drugs and Cosmetics

Automated Warehouse Lines
Oily Chemical Preparations
Process and Packaging Lines
Transfer and Packaging Lines

Fertilizer Industry

Dryer Belts

Fruit, Vegetable and Fish Packing Plants

Asparagus Cutting Lines
Cereals
Dried Fruits, All kinds
Nut Processing
Potato Harvesting
Scrap Belts Under Cutting Lines
Sizer Belts
Sorting Tables
Whole Fish

Glass Industry

Cullet Conveying
Scrubbers

Grain Industry

Elevator Belts
Tubeveyors

Lumber Industry

Log Docks
Log Sorters
Sanding Belts
Sawmill Waste
Wood Chips

Manufacturing

Inspection Lines
Sorting Lines
Parts Delivery
Shipping

Masonry Industry

Conveying Cement to Automatic
Cinder Block Machine

Metal Working and Steel Mill Industry

Belt Wrappers
Blast Belts
Classifiers
Shear Lines
Stackers
Stamping Conveyors
Tin Plate Conveyors

Mining Industry

Coal
Ores
Minerals
Quarries
Rock
Sand and Gravel

Packaging Industry

Wrapping
Packaging
Casing
Cartoning
Bottling
Plastics - Molding and Extruding
Accumulation
Inclines

Paper Industry

Pulp Conveying
Sludge Dewatering
Wood Chip Conveying

Power Industry

Magnetic Separator Belts
Sampling Belts
Weigh Feeder Belts

Printing and Publishing

Collators
Folders - Feed and Delivery Tapes
Joggers and Stackers
Sheeters
Strippers
Trimmers

Railroad Industry

Hopper Car Unloaders

Recycling Industry

Comingled Recyclables
Portable Conveyors
Scrap Metal Recycling

Sewage Treatment Industry

Sludge Belts
Filter Cake Belts

Shoe Industry

Die Cutting Pads

Soap Industry

Bin Unloaders
Bucket Conveyors
Carton Sealers
Live Roller Case Conveyors
Sealer Machine - Compression
and Carrier Belts
Wrapper Machine - Feed
and Discharge Belts

Tobacco Industry

Carton Conveyors
Inspection Conveyors
Packaging Conveyors
Sizing Conveyors

For additional information about belting applications, contact your nearest Beltservice branch.

USEFUL INFORMATION

Many considerations of factors determine the selection of the best belt for the job. The following information will aid you in this process. Assistance is available for the asking.

Key to Symbols

C - Center to Center distance (In.)	G2 - Load per Hour (Lbs.)	RPM - Revolutions per Minute
D - Diameter of Drive Pulley (In.)	L - Belt Length (In.)	S - Speed, Ft. per Minute (FPM)
d - Diameter of Tail Pulley (In.)	P - Product Weight (Lbs.)	

Belt Length	Belt Speed in Feet per Minute	Maximum Product Weight on Belt at Any One Time
For a pulley system <i>with no snub pulley</i> : $L = \left(\frac{D + d}{2} \times 3.1416 \right) + 2C$	$S = D \times \text{RPM} \times .2618 \times 1.021$	When load is known by <i>pounds per hour or tons per hour</i> : $P = \frac{G2}{S \times 60 \text{ (minutes)}} \times C \text{ (Ft.)}$

Fabric Designation

Carcass	U.S.	Metric
Poly/Nylon	PN	EP
Nylon/Nylon	NN	PP
Poly/Poly	PP	EE

Coefficient of Friction (Belt to Slider Bed or Rollers)

Belt	Steel or Aluminum Slider Bed	Metal Rollers
FS Pulley Side	.30 to .35	.05 to .10
Bare Duck or BB Side	.20 to .25	.05 to .10
Cover on Pulley Side	.50 to .55	.05 to .10

Calculating Length of A Roll of Belting

Add together the diameter of the roll and diameter of the hole in inches and divide the result by 2. Multiply by 3.14 and by the number of coils in the roll. This gives the length in inches. Divide by 12, and you will have the approximate number of feet in the roll.

Determining Belt Length When Snub or Takeup Pulleys Are Present

Steel Tape Measurement - STM, also known as the I.C. or inside circumference, is a common method where the takeup is placed in a position that allows for easy installation and adequate takeup. The steel tape is run through the system on the same track the belt would run. Care must be taken to make sure the tape touches all pulleys. The belt may be tracked to one side or removed to accommodate this method as the tape must touch only the pulleys and not the belt for an accurate STM measurement.

Calculating Length of A Roll of Endless Belting

Net Endless Length (NEL) - From an existing belt, this measurement is made by placing the ENDLESS belt to be measured on a table or floor. A mark is made on the cover and corresponding mark on the table or floor. The belt is rolled forward until the mark comes back. Place another corresponding mark on the table or floor. Move the belt aside and measure the distance between the two marks. This measurement represents the NEL measurement or Net Endless Length.

METRIC CONVERSIONS

EQUIVALENTS

	US to Metric	Metric to US
Length	1 inch = 25.4 millimeters 1 inch = 2.54 centimeters 39.37 inches = 1 meter 1 foot = .3048 meter 1 mile = 1.609 kilometers	1 millimeter = .03937 Inch 1 centimeter = .3937 inch 1 meter = 39.37 inches 1 meter = 3.2808 feet 1 kilometer = .6214 mile
Area	1 square inch = 6.4516 square centimeters 1 square foot = 929.03 square centimeters 1 square foot = .0929 square meters	1 square centimeter = .155 square inches 1 square centimeter = .0011 square feet 1 square meter = 10.76 square feet
Weight	1 ounce = 28.35 grams 1 pound = .4536 kilograms 1 ton = .9072 metric ton	1 gram = .0353 ounce 1 kilogram = 2.2046 pounds 1 metric ton = 1.1025 tons (2205 pounds)
Temperature	32°F = 0°C	0°C = 32°F
Volume	1 cubic inch = 16.3871 cubic centimeters 1 cubic foot = .0283 cubic meter 1 cubic yard = .7640 cubic meter 1 quart = .9463 liter 1 gallon = 3.7853 liters	1 cubic centimeter = .0610 cubic inch 1 cubic meter = 35.3145 cubic feet 1 cubic meter = 1.3080 cubic yards 1 liter = 1.0567 quarts 1 liter = .2642 gallons
Speed	1 foot per minute = .0051 meters per second	1 meter per second = 196.8504 feet per minute
Force	1 pound per square inch = .0703 kilograms per square centimeter 1 pound per square inch = .00689 megapascals 1 pound force = 4.5352 newtons	1 kilogram per square centimeter = 14.2248 pounds per square inch 1 megapascal = 145.0377 pounds per square inch 1 newton = .2205 pounds force

CONVERSION FORMULAS

	US to Metric	Metric to US
Length	inches × 25.4 = millimeters inches × 2.54 = centimeters inches × .0254 = meters yards × .914 = meters miles × 1.609 = kilometers	millimeters × .0394 = inches centimeters × .394 = inches meters × 39.37 = inches meters × 1.1 = yards kilometers × .6214 = miles
Area	square inches × 6.4516 = square centimeters square feet × .0929 = square meters square yards × .8361 = square meters	square centimeters × .1550 = square inches square meters × 10.76 = square feet square meters × 1.1960 = square yards
Weight	ounces × 28.3500 = grams pounds × .4536 = kilograms tons × .9072 = metric tons	grams × .0353 = ounces kilograms × 2.2046 = pounds metric tons × 1.1025 = tons
Temperature	(°F - 32) × .556 = °C	(°C × 1.8) + 32 = °F
Volume	cubic yards × .7646 = cubic meters quarts × .9463 = liters gallons × 3.7852 = liters	cubic meters × 1.3079 = cubic yards liters × 1.0567 = quarts liters × .2642 = gallons
Speed	feet per minute × .0051 = meters per second	meters per second × 196.85 = feet per minute
Density	pounds per cubic foot × 16.0180 = kilograms per cubic meter	kilograms per cubic meter × .0624 = pounds per cubic foot
Force	pounds per inch × .1786 = kilograms per centimeter pounds per square inch × 6.8947 = kilopascals PIW rating × 1.7856 = EP rating pounds × 4.352 = newtons pounds per inch × 1.7855 = newtons per centimeter	kilograms per centimeter × 5.5997 = pounds per inch kilopascals × .1450 = pounds per square inch EP rating × .5600 = PIW rating newtons × .2205 = pounds newtons per centimeter × .5601 pounds per inch
Power	horsepower × .7457 = kilowatts	kilowatts × 1.341 = horsepower
Exchange Rates	\$PIW × 129.1671 × exchange rate = foreign currency per square meter	Foreign currency per square meter ÷ exchange rate ÷ 129.1671 = \$PIW

	Catalog Item Number	Belt Description	Color	Nominal Thickness	Covers	Working Tension Per Inch Width	
FOOD HANDLING BELTING	1	2 Ply 15 oz. White Nitrile COS	White	3/32"	3/64" x FS	35 lbs.	
	2	3 Ply 15 oz. White Nitrile COS	White	1/8"	3/64" x FS	52 lbs.	
	3	4 Ply 15 oz. White Nitrile COS	White	5/32"	3/64" x FS	64 lbs.	
	4	5 Ply 15 oz. White Nitrile COS	White	3/16"	3/64" x FS	80 lbs.	
	5	2 Ply Poly 60 White Nitrile COS	White	5/64"	1/32" x FS	60 lbs.	
	6	3 Ply Poly 90 White Nitrile COS	White	3/32"	1/32" x FS	90 lbs.	
	7	2 Ply Poly 100 White Nitrile COS	White	7/64"	3/64" x FS	100 lbs.	
	8	3 Ply Poly 150 White Nitrile COS	White	5/32"	3/64" x FS	150 lbs.	
	8a	3 Ply Poly 135 White Nitrile 1/32" x 1/32"	White	3/16"	1/32" x 1/32"	135 lbs.	
	8b	2 Ply Poly 100 White RMV COS	White	1/8"	3/64" x FS	100 lbs.	
	8c	3 Ply Poly 150 White RMV COS	White	9/64"	3/64" x FS	150 lbs.	
	9	3 Ply Poly 105 White Butyl COS	White	3/32"	1/32" x FS	105 lbs.	
	10	3 Ply Poly 105 White Teflon COS	White	1/16"	.002" Teflon x FS	105 lbs.	
	10a	5 ply CP30 White Teflon COS	White	1/4"	.002" Teflon x FS	150 lbs.	
	11	2 Ply Poly 70 White Nitrile Pebbletop	White	3/32"	Pebbletop x FS	60 lbs.	
	12	3 Ply Poly 90 White Nitrile Pebbletop	White	1/8"	Pebbletop x FS	90 lbs.	
	13	3 Ply Poly 150 White Nitrile Meatcleat	White	1/4"	1/8" V-rib on 1"	150 lbs.	
	13a	2 Ply Fabsyn Corrugated White Nitrile COS	White	3/16"	1/32" x FS	100 lbs.	
	13b	2 Ply Fabsyn Asendor White Nitrile COS	White	1/4"	1/32" x FS	100 lbs.	
	13c	2 Ply Fabsyn Top Flight White Nitrile COS	White	5/16"	3/64" x FS	100 lbs.	
	13d	2 Ply Fabsyn Crosstop White Nitrile COS	White	1/2"	3/64" x FS	100 lbs.	
	14	3 Ply 90 Green Nitrile COS	Green	3/32"	1/32" x FS	90 lbs.	
	15a	3 Ply 150 Tan Nitrile COS	Tan	5/32"	1/32" x FS	135 lbs.	
	16-2	2 Ply Solid Woven Cotton	White	3/32"	Untreated	45 lbs.	
	16-3	3 Ply Solid Woven Cotton	White	1/8"	Untreated	75 lbs.	
	16-4	4 Ply Solid Woven Cotton	White	3/16"	Untreated	110 lbs.	
	17	PVC - 450 White C x C SC/FR/OR/FDA	White	23/64"	C x C	450 lbs.	
	18	PVC - 200 White C x C SC/FR/OR/FDA	White	15/64"	C x C	200 lbs.	
	20	PVC - 120 White C x FS/OR/FDA	White	9/64"	C x FS	120 lbs.	
	22	PVC - 100 White Roughtop x FS OR	White	17/64"	RT x FS	100 lbs.	
	23	PVC - 100 White Chevron Top II x FS OR	White	7/32"	CT II x FS	100 lbs.	
	23a	PVC - 120 White Crescent Top x FS	White	9/32"	CT x FS	120 lbs.	
AIR PERMEABLE FABRICS	16-2	2 Ply Solid Woven Cotton	White	3/32"	Untreated	45 lbs.	
	16-3	3 Ply Solid Woven Cotton	White	5/32"	Untreated	75 lbs.	
	16-4	4 Ply Solid Woven Cotton	White	3/16"	Untreated	110 lbs.	
	16a	Polyveyor .5 CFM Rated (#1950)	White	1/4"	NA	60 lbs.	
	16b	Polyveyor 1.5 CFM Rated (#1951)	White	1/4"	NA	60 lbs.	
	16c	WPLP Solid Woven Polyester	White	1/4"	NA	180 lbs.	
	16d	WPMP Solid Woven Polyester	White	7/32"	NA	120 lbs.	
	16e	WPHP Solid Woven Polyester	White	3/16"	NA	90 lbs.	
	16f	Polyveyor/Kevlar	Yellow/White	3/8"	Kevlar Top	45 lbs.	
LIGHT DUTY BELTING	24	3 Ply Brown Nitrile FBS	Brown	1/16"	FBS	36 lbs.	
	25	5 Ply Brown Nitrile FBS	Brown	7/64"	FBS	60 lbs.	
	26	7 Ply Brown Nitrile FBS	Brown	5/32"	FBS	84 lbs.	
	26a	9 Ply Brown Nitrile FBS	Brown	13/64"	FBS	108 lbs.	
	27	4 Ply Poly 180 Black Heavy-Duty Nitrile FBS	Black	5/32"	FBS	180 lbs.	
	27a	4 Ply Poly 180 Black Neoprene FBS-SC	Black	7/64"	FBS	180 lbs.	
	28	5 Ply Poly 225 Black Heavy-Duty Nitrile FBS	Black	11/64"	FBS	225 lbs.	
	29	2 Ply CP 30 Black Nitrile COS	Black	3/32"	3/64" x FS	60 lbs.	
	30	3 Ply Poly 135 Black Nitrile COS	Black	9/64"	3/64" x FS	135 lbs.	
	31	2 Ply Poly 70 Black Checkout Belt	Black	1/16"	1/32" PVC/Buna Blend x FS	70 lbs.	
	32	4 Ply Tan Sliptop	Tan	1/8"	Hardwoven Nylon x FS	48 lbs.	

	Cat. Item No.	Safe Work Load PIW Elevator- Allowable	Safe Work Load PIW Elevator- Preferred	Maximum Bucket Projection	Minimum Pulley Diameter Conveyor - Elevator	Temp.	Min. Pulley Diameter	Approx. Wt. Lbs. Per Inch Width	Clipper Lace	Alligator Lace
	1	NA	NA	NA	NA	0°/250°F	2"	.056 lbs.	#1A	#7
	2	NA	NA	NA	NA	0°/250°F	2-1/2"	.075 lbs.	#1	#15
	3	NA	NA	NA	NA	0°/250°F	3"	.092 lbs.	#2	#20
	4	NA	NA	NA	NA	0°/250°F	4"	.108 lbs.	#4	#25
	5	NA	NA	NA	NA	0°/250°F	1-1/2"	.044 lbs.	#1D	#1
	6	NA	NA	NA	NA	0°/250°F	2"	.062 lbs.	#1A	#7
	7	NA	NA	NA	NA	0°/250°F	2"	.062 lbs.	#1A	#7
	8	NA	NA	NA	NA	0°/250°F	2-1/2"	.075 lbs.	#2	#15
	8a	NA	NA	NA	NA	0°/250°F	4"	.107 lbs.	#2	#20
	8b	NA	NA	NA	NA	0°/180°F	2"	.062 lbs.	#1	#7
	8c	NA	NA	NA	NA	0°/180°F	3"	.075 lbs.	#2	#15
	9	NA	NA	NA	NA	-65°/300°F	Hot 1-1/2"/Cold 4"	.056 lbs.	#1A	#7
	10	NA	NA	NA	NA	0°/250°F	2-1/2"	.050 lbs.	#1D	#1
	10a	NA	NA	NA	NA	0°/250°F	6"	.107 lbs.	#4	#25
	11	NA	NA	NA	NA	0°/250°F	2"	.050 lbs.	#1A	#7
	12	NA	NA	NA	NA	0°/250°F	2-1/2"	.062 lbs.	#1	#15
	13	NA	NA	NA	NA	0°/250°F	2-1/2"	.093 lbs.	#1	#7
	13a	NA	NA	NA	NA	0°/220°F	2"	.083 lbs.	#1 or 2	#62 or 7
	13b	NA	NA	NA	NA	0°/220°F	2"	.083 lbs.	#1 or 2	#62 or 7
	13c	NA	NA	NA	NA	0°/220°F	4"	.083 lbs.	#2	#62
	13d	NA	NA	NA	NA	0°/220°F	3"	.083 lbs.	#2	#62
	14	NA	NA	NA	NA	0°/250°F	2"	.056 lbs.	#1A	#7
	15a	NA	NA	NA	NA	0°/250°F	3"	.081 lbs.	#2	#15
	16-2	NA	NA	NA	NA	-40°/225°F	1-1/2"	.032 lbs.	#1	#7
	16-3	NA	NA	NA	NA	-40°/225°F	2"	.044 lbs.	#1	#7
	16-4	NA	NA	NA	NA	-40°/225°F	3"	.056 lbs.	#3	#20
	17	450 lbs.	350 lbs.	9"	10" – 14"	0°/180°F	10" – 14"	.194 lbs.	#6	#45
	18	200 lbs.	200 lbs.	6"	6" – 8"	0°/180°F	4"	.131 lbs.	#4-1/2	#27
	20	NR	NR	NR	4" – NR	0°/180°F	2"	.069 lbs.	#2	#15
	22	NR	NR	NR	2-1/2" – NR	0°/180°F	2-1/2"	.094 lbs.	#1	#7
	23	NR	NR	NR	2-1/2" – NR	0°/180°F	2"	.073 lbs.	#1	#7
	23a	NR	NR	NR	2-1/2" – NR	0°/180°F	2"	.08 lbs.	#1	#7
	16-2	NA	NA	NA	NA	-40°/225°F	1-1/2"	.032 lbs.	#1	#7
	16-3	NA	NA	NA	NA	-40°/225°F	2"	.044 lbs.	#1	#7
	16-4	NA	NA	NA	NA	-40°/225°F	3"	.056 lbs.	#3	#20
	16a	NA	NA	NA	NA	-60°/310°F	NA	.062 lbs.	NA	NA
	16b	NA	NA	NA	NA	-60°/300°F	NA	.050 lbs.	NA	NA
	16c	NA	NA	NA	NA	-60°/300°F	4"	.075 lbs.	#4	#27
	16d	NA	NA	NA	NA	-60°/300°F	4"	.069 lbs.	#5	#35
	16e	NA	NA	NA	NA	-60°/300°F	3"	.062 lbs.	#3	#25
	16f	NA	NA	NA	NA	500°F Continuous 600°F Intermittent	4"	.050 lbs.	#4	#27
	24	NA	NA	NA	NA	0°/250°F	3/4"	.038 lbs.	#1D	#00
	25	NA	NA	NA	NA	0°/250°F	1-1/2"	.062 lbs.	#1A	#7
	26	NA	NA	NA	NA	0°/250°F	3"	.088 lbs.	#2	#20
	26a	NA	NA	NA	NA	0°/250°F	4"	.10 lbs.	#3	#27
	27	NA	NA	NA	NA	0°/250°F	2"	.088 lbs.	#2	#20
	27a	NA	NA	NA	NA	-20°/250°F	2"	.056 lbs.	#1	#15
	28	NA	NA	NA	NA	0°/250°F	3"	.094 lbs.	#3	#20
	29	NA	NA	NA	NA	0°/250°F	2"	.056 lbs.	#1A	#7
	30	NA	NA	NA	NA	0°/250°F	2-1/2"	.075 lbs.	#1	#15
	31	NA	NA	NA	NA	0°/250°F	2"	.038 lbs.	#1D	#00
	32	NA	NA	NA	NA	20°/250°F	2"	.056 lbs.	#1	#15

	Catalog Item Number	Belt Description	Color	Nominal Thickness	Covers	Approximate Horsepower @ 100 FPM @ 180° Arc of Contact	
LIGHT DUTY/LEATHER	LIGHT DUTY BELTING (Continued) / LEATHER						
	33	Urethane 120 Brown PU x FS	Brown	1/8"	1/32" Urethane Skim x FS	NA	
	36	Single Leather	Tan	Med - 5/32" Heavy - 3/16"	NA	Med - 1.8 Heavy - 2.1	
	37	Double Leather	Tan	Light - 1/4" / Med - 5/32" Heavy - 3/8"	NA	Light - 2.6 / Med - 3.1 Heavy - 3.6	
PACKAGE HANDLING/TRANSMISSION AND UTILITY BELTING	PACKAGE HANDLING / TRANSMISSION / UTILITY BELTING						
	38	3 Ply CP30 Black FS x FS	Black	1/8"	FS x FS	NA	
	39	3 Ply CP30 Tan FS x FS	Tan	9/64"	FS x FS	NA	
	40	4 Ply CP30 Tan FS x FS	Tan	3/16"	FS x FS	NA	
	41	5 Ply CP30 Tan FS x FS	Tan	1/4"	FS x FS	NA	
	42	4 Ply 35 oz. Tan FS x FS Silver Hard Duck	Tan	15/64"	FS x FS	NA	
	43	5 Ply 35 oz. Tan FS x FS Silver Hard Duck	Tan	5/16"	FS x FS	NA	
	44	6 Ply 35 oz. Tan FS x FS Silver Hard Duck	Tan	3/8"	FS x FS	NA	
	45	8 Ply 35 oz. Tan FS x FS Silver Hard Duck	Tan	1/2"	FS x FS	NA	
	46	3 Ply Hot Stock and Water	White	9/64"	White Bare Duck x FS	NA	
	46a	3 Ply Red Silicone-Covered Hot Stock and Water	Red	9/64"	Silicone Skim x FS	NA	
	46b	4 Ply Red Silicone-Covered Hot Stock and Water	Red	3/16"	Silicone Skim x FS	NA	
	46c	3 Ply HSW with 1/32" White Smooth Silicone x FS	White	5/32"	1/32" White Silicone x FS	NA	
	47	4 Ply Hot Stock and Water	White	3/16"	White Bare Duck x FS	NA	
	48	3 Ply CP30 Black 1/16" x FS	Black	7/32"	1/16" Smooth x FS	NA	
	49	3 Ply CP30 Black 1/16" Pebbletop x FS	Black	7/32"	1/16" Pebbletop x FS	NA	
	50	3 Ply Hot Stock and Water Black 1/18" Urethane x FS	Black	5/16"	1/8" Urethane x FS	NA	
	51	2 Ply 220 Tan Bare x Bare	Tan	5/32"	Bare x Bare	NA	
	52	2 Ply 150 Black 1/32" x Bare	Black	1/8"	1/32" x Bare	NA	
	53	2 Ply 160 Black 1/8" x Bare MOR	Black	15/64"	1/8" x Bare	NA	
	53a	4 Ply 180 Black 3/32" Smooth Nitrile Top x Bare	Black	1/4"	3/32" Smooth x Bare	NA	
	53b	2 Ply 220 Black 1/8" Smooth Nitrile Top x Bare MOR	Black	15/64"	1/8" Smooth x Bare	NA	
INCLINE BELTING	INCLINE BELTING						
	54	2 Ply 150 Black Roughtop x Bare	Black	9/32"	Roughtop x Bare	NA	
	54(FR)	2 Ply Poly 150 Black Roughtop x Bare FR	Black	9/32"	Roughtop x Bare	NA	
	55	2 Ply 150 Tan Roughtop x Bare	Tan	9/32"	Roughtop x Bare	NA	
	55a	2 Ply 210 Gray Roughtop x Bare	Gray	5/16"	Roughtop x Bare	NA	
	56	3 Ply CP30 Black Roughtop x FS	Black	5/16"	Roughtop x FS	NA	
	56a	3 Ply 225 Black Roughtop x Bare	Black	21/64"	Roughtop x Bare	NA	
	57	4 Ply CP30 Black Roughtop x FS	Black	13/32"	Roughtop x FS	NA	
	58	3 Ply CP30 Tan Rubber Roughtop x FS	Tan	5/16"	Roughtop x FS	NA	
	59	3 Ply CP40 Tan Genuine Pure Gum Roughtop x FS	Tan	5/16"	Roughtop x FS	NA	
	59a	2 Ply 160 Tan Pure Gum Roughtop x Bare	Tan	9/32"	Roughtop x Bare	NA	
	59b	3 Ply 180 Tan Pure Gum Roghtop x Bare	Tan	5/16"	Roughtop x Bare	NA	
	59c	4 Ply 240 Tan Pure Gum Roughtop x Bare	Tan	23/64"	Roughtop x Bare	NA	
	60	3 Ply 135 Brown Nitrile Roughtop x FS	Brown	1/4"	Roughtop x FS	NA	
	60a	3 Ply 225 Tan Pure Gum Roughtop x Bare	Tan	5/16"	Roughtop x Bare	NA	
	60b	3 Ply 225 Tan Roughtop x Bare	Brown	5/16"	Roughtop x Bare	NA	
	61	3 Ply 135 Tan Carbox Nitrile Roughtop x Bare	Tan	9/32"	Roughtop x Bare	NA	
	61a	3 Ply 150 Blue Carbox Nitrile Roughtop x Bare	Blue	9/32"	Roughtop x Bare	NA	
	61b	3 Ply 150 Blue Carbox Nitrile Roughtop x FS	Blue	9/32"	Roughtop x FS	NA	
	62	3 Ply CP30 Black V-Ridge x FS	Black	5/16"	1/8" M-Shaped Ribs x FS	NA	
	63	3 Ply CP30 Black Duralift x FS	Black	13/32"	1/4" Inverted V-Ribs x FS	NA	
	64	3 Ply CP30 Black Steepgrade x FS	Black	5/16"	Oval-Shaped Nubs x FS	NA	
	65	3 Ply CP30 Tan Genuine Pure Gum Steepgrade x FS	Tan	5/16"	Oval-Shaped Nubs x FS	NA	
	66	3 Ply CP30 Black Ribflex x FS	Black	11/32"	Serrated Rectangle Ribs x FS	NA	
	67	2 Ply 150 Black Wedgegrip x Bare	Black	9/32"	Diamond-Stepped Walls x Bare	NA	
	67a	2 Ply 150 Tan Wedgegrip x Bare	Tan	9/32"	Diamond-Stepped Walls x Bare	NA	
	67b	3 Ply 225 Tan Wedgegrip x Bare	Tan	5/16"	Diamond-Stepped Walls x Bare	NA	
	68/86	PVC - 120 Black Roughtop x FS	Black	1/4"	PVC Roughtop x FS	NA	
	69/87	PVC - 120 Green Supergrip Roughtop x FS	Green	9/32"	PVC Roughtop x FS	NA	
	69a	PVC - 120 Black Crescent Top x FS	Black	1/4"	1/8" Crescent Shapes x FS	NA	
	69b	PVC - 200 Black Crescent Top x FS	Black	5/16"	1/8" Crescent Shapes x FS	NA	
	See Pages 26 and 28-29 For Beltservice Chevron Cleated And Fabflex Division IN-STOCK Incline Belt Specifications.						

	Cat. Item No.	Temperature Range	Min. Pulley Diameter	Approximate Weight Pounds Per Inch Width	Working Tension Per Inch Width	Flexco Hinged	Alligator Staple	Clipper Lace	Alligator Lace
	33	0°/180°F	3"	.062 lbs.	120 lbs.	NA	NA	#1	#15
	36	NA	Med - 2-1/2" Heavy - 4"	.069 lbs.	NA	NA	NA	Med - #2 Heavy - #3	Med - #20 Heavy - #25
	37	NA	Light - 5" / Med - 7" Heavy - 11"	.119 lbs.	NA	NA	NA	Light - #4-1/2 Med - #6Heavy - #7	Light - #27Med - #45 Heavy - #55
	38	-40°/250°F	2-1/2"	.056 lbs.	90 lbs.	NA	#125	#1	#15
	39	-40°/250°F	2-1/2"	.062 lbs.	90 lbs.	NA	#125	#2	#15
	40	-40°/250°F	3"	.094 lbs.	120 lbs.	NA	#187	#3	#25
	41	-40°/250°F	6"	.137 lbs.	150 lbs.	#R5	#187	#4-1/2	#27
	42	-40°/250°F	6"	.113 lbs.	140 lbs.	#R5	#187	#4	#27
	43	-40°/250°F	8"	.156 lbs.	175 lbs.	#375 or #R5	NA	#5	#35
	44	-40°/250°F	10"	.181 lbs.	210 lbs.	#550 or #R5	NA	#6	#45
	45	-40°/250°F	16"	.213 lbs.	280 lbs.	#550 or #R5	NA	NR	#65
	46	-40°/250°F	2-1/2"	.056 lbs.	90 lbs.	NA	#125	#2	#15
	46a	-100°/500°F Cover -40°/250°F Carcass	3"	.056 lbs.	90 lbs.	NR	#125	#2	#15
	46b	-100°/500°F Cover -40°/250°F Carcass	4"	.081 lbs.	120 lbs.	NR	#187	#3	#25
	46c	-100°/500°F Cover -40°/250°F Carcass	3"	.075 lbs.	90 lbs.	NR	#125	#3	#25
	47	-40°/250°F	3"	.088 lbs.	120 lbs.	NA	#187	#3	#25
	48	-40°/250°F	4"	.106 lbs.	90 lbs.	#R5	#187	#4	#25
	49	-40°/250°F	4"	.10 lbs.	90 lbs.	#R5	#187	#4	#25
	50	0°/188°F	8"	.125 lbs.	90 lbs.	#R2	NA	#5	#35
	51	-25°/225°F	8"	.069 lbs.	220 lbs.	NA	#125	#1	#15
	52	-25°/225°F	6"	.069 lbs.	150 lbs.	NA	#125	#2	#15
	53	-25°/225°F	6"	.10 lbs.	160 lbs.	#375 or #R5	#187	#4-1/2	#27
	53a	0°/225°F	4"	.131 lbs.	180 lbs.	#375 or #R5	#187	#5	#25
	53b	0°/225°F	6"	.142 lbs.	220 lbs.	#375 or #R5	#187	#4-1/2	#27
	54	-40°/250°F	2"	.10 lbs.	150 lbs.	NA	#125	#1	#1
	54(FR)	-40°/250°F	3"	.097 lbs.	150 lbs.	NA	#125	#1	#1
	55	-40°/250°F	2"	.10 lbs.	150 lbs.	NA	#125	#1	#1
	55a	-40°/250°F	6"	.106 lbs.	210 lbs.	NA	#125	#2	#15
	56	-40°/250°F	2-1/2"	.093 lbs.	90 lbs.	NA	#125	#1	#7
	56a	-40°/250°F	2-1/2"	.117 lbs.	225 lbs.	NA	#187	#2	#15
	57	-40°/250°F	4"	.11 lbs.	112 lbs.	NA	#125	#1	#15
	58	-40°/250°F	2-1/2"	.10 lbs.	90 lbs.	NA	#125	#1	#7
	59	-40°/250°F	2"	.093 lbs.	90 lbs.	NA	#125	#1	#7
	59a	-40°/250°F	3"	.10 lbs.	160 lbs.	NA	#125	#1	#1
	59b	-40°/250°F	4"	.094 lbs.	180 lbs.	NA	#125	#2	#7
	59c	-40°/250°F	8"	.113 lbs.	240 lbs.	NA	#125	#2	#15
	60	0°/250°F	2"	.10 lbs.	135 lbs.	NA	#125	#1	#1
	60a	-20°/225°F	8"	.134 lbs.	225 lbs.	NA	#125	#1	#7
	60b	-40°/250°F	4"	.11 lbs.	225 lbs.	NA	#125	#1	#7
	61	0°/250°F	2"	.10 lbs.	135 lbs.	NA	#125	#1	#1
	61a	0°/250°F	2-1/2"	.113 lbs.	150 lbs.	NA	#125	#2	#15
	61b	0°/250°F	2-1/2"	.104 lbs.	150 lbs.	NA	#125	#2	#15
	62	-40°/250°F	2-1/2"	.10 lbs.	90 lbs.	NA	#125	#1	#7
	63	-40°/250°F	3"	.125 lbs.	90 lbs.	NA	#125	#1	#7
	64	-40°/250°F	3"	.10 lbs.	90 lbs.	NA	#125	#1	#7
	65	-40°/250°F	2-1/2"	.119 lbs.	90 lbs.	NA	#125	#1	#7
	66	-40°/250°F	3"	.125 lbs.	90 lbs.	#125	NA	#1	#7
	67	-40°/250°F	3"	.106 lbs.	150 lbs.	#125	NA	#1	#1
	67a	-40°/250°F	3"	.106 lbs.	150 lbs.	#125	NA	#1	#1
	67b	-40°/250°F	4"	.125 lbs.	225 lbs.	#125	NA	#1	#7
	68/86	0°/180°F	2"	.09 lbs.	120 lbs.	#125	NA	#1	#7
	69/87	0°/180°F	3"	.075 lbs.	120 lbs.	#125	NA	#1	#7
	69a	0°/180°F	3"	.075 lbs.	120 lbs.	#125	NA	#1	#7
	69b	0°/180°F	4"	.113 lbs.	200 lbs.	#187	NA	#4	#27

See Pages 26 and 28-29 For Beltservice Chevron Cleated And Fabbflex Division IN-STOCK Incline Belt Specifications.

	Catalog Item Number	Belt Description	Nominal Thickness	Covers	Temperature Range	
BLACK HEAVY DUTY BELTING	70	2 Ply 150 1/32" x 1/32"	5/32"	1/32" x 1/32"	-25°/225°F	
	70a	2 Ply 150 1/16" x 1/32"	3/16"	1/16" x 1/32"	-25°/225°F	
	71	2 Ply 150 1/8" x 1/32"	1/4"	1/8" x 1/32"	-25°/225°F	
	72	2 Ply 150 1/8" x 1/16"	9/32"	1/8" x 1/16"	-25°/225°F	
	73	2 Ply 220 1/8" x 1/16"	5/16"	1/8" x 1/16"	-25°/225°F	
	74	2 Ply 220 1/8" x 1/16" MOR-SC	5/16"	1/8" x 1/16"	-25°/225°F	
	74a	2 Ply 220 1/8" x 1/16" FR/SC/MOR	5/16"	1/8" x 1/16"	-25°/225°F	
	74b	2 Ply 220 1/16" x 1/16" FR/SC/SOR	1/4"	1/16" x 1/16"	-25°/225°F	
	74c	2 Ply 220 5/32" x 3/32" FR-SBR	3/8"	5/32" x 3/32"	-25°/225°F	
	75	2 Ply 220 3/16" x 1/16"	11/32"	3/16" x 1/16"	-25°/225°F	
	75a	3 Ply 225 1/8" x Bare MOR	1/4"	1/8" x Bare	-25°/225°F	
	75b	2 Ply 220 3/16" x 1/16" MOR-SC	11/32"	3/16" x 1/16"	-25°/225°F	
	76	3 Ply 330 1/16" x 1/16" FR/SC/SOR	9/32"	1/16" x 1/16"	-25°/225°F	
	77	3 Ply 330 3/16" x 1/16"	13/32"	3/16" x 1/16"	-25°/225°F	
	77a	3 Ply 330 3/16" x 1/16" MOR-SC	13/32"	3/16" x 1/16"	-25°/225°F	
	77b	3 Ply 330 3/32" x Bare MOR	1/4"	3/32" x Bare	-25°/225°F	
	77c	3 Ply 330 1/16" x Bare	7/32"	1/16" x Bare	-25°/225°F	
	77d	3 Ply 330 3/16" x Bare	3/8"	3/16" x Bare	-25°/225°F	
	77e	4 Ply 440 1/4" x Bare	1/2"	1/4" x Bare	-25°/225°F	
	77f	3 Ply 330 3/16" x Bare MOR	3/8"	3/16" x Bare	-25°/225°F	
	78	3 Ply 330 1/4" x 1/16"	15/32"	1/4" x 1/16"	-25°/225°F	
	79	3 Ply 225 3/16" Tan Pure Gum x Bare	11/32"	3/16" x Bare	-40°/250°F	
	80	4 Ply 440 1/4" x 1/16"	17/32"	1/4" x 1/16"	-25°/225°F	
	80a	4 Ply 440 3/8" x 3/32"	11/16"	3/8" x 3/32"	-25°/225°F	
	80b	3 Ply 600 1/4" x 1/16"	5/8"	1/4" x 1/16"	-25°/225°F	
	80c	3 Ply 600 1/16" x 1/16" FR/SC/SOR	3/8"	1/16" x 1/16"	-25°/225°F	
	80d	3 Ply 600 3/8" x 1/8"	45/64"	3/8" x 1/8"	-25°/225°F	
	80e	3 Ply 600 3/16" x Bare MOR	1/2"	3/16" x Bare	-25°/225°F	
	81	2 Ply 220 3/16" x 1/16" Hot Asphalt SOR	3/8"	3/16" x 1/16"	-10°/300°F	
	81a	3 Ply 330 3/16" x 1/16" Hot Asphalt SOR	13/32"	3/16" x 1/16"	-10°/300°F	
	82	2 Ply 220 3/16" x 1/16" Heat Resistant 400°F	3/8"	3/16" x 1/16"	-20°/400°F	
	82b	3 Ply 330 3/16" x 1/16" Heat Resistant 400°F	13/32"	3/16" x 1/16"	-20°/400°F	
	83	3 Ply 330 1/4" x 1/16" Heat Resistant 400°F	15/32"	1/4" x 1/16"	-20°/400°F	
	83a	3 Ply 225 1/8" x Bare Heat Resistant 400°F	1/4"	1/8" Top x Bare Bottom	-20°/400°F	
	83b	4 Ply 440 1/4" x 1/16" Heat Resistant 400°F	17/32"	1/4" x 1/16"	-20°/400°F	
	83c	1 Ply 440 1/4" x 1/8" Single-Ply Straight-Warp Grade 1	33/64"	1/4" x 1/8"	-40°/140°F	
	83d	1 Ply 225 1/8" x 1/16" Single-Ply Straight-Warp	1/4"	1/8" x 1/16"	-25°/225°F	
	84	1/4" Skirtboard	1/4"	Smooth	-25°/225°F	
	84a	1/8" Skirtboard	1/8"	Smooth	-25°/225°F	
	85	3/8" Skirtboard	3/8"	Smooth	-25°/225°F	
	85a	1/2" Skirtboard	1/2"	Smooth	-25°/225°F	
	85b	3/4" Skirtboard	3/4"	Smooth	-25°/225°F	
	85c	1" Skirtboard	1"	Smooth	-25°/225°F	

SOLID WOVEN PVC BELTING	SOLID WOVEN PVC BELTING					
	86/68	PVC - 120 Black Roughtop x Brushed	1/4"	RT x BR	0°/180°F	
	87/69	PVC - 120 Green Supergrip Roughtop x Brushed	9/32"	RT x BR	0°/180°F	
	87a	PVC - 200 Red Supergrip Roughtop x Brushed	11/32"	RT x BR	0°/180°	
	88	PVC - 100 Black Chevron Top II x Brushed MOR	15/64"	CT-2 x BR	0°/180°F	
	90	PVC - 120 Black C x C	5/32"	C x C	0°/180°F	
	91	PVC - 120 Black C x Brushed	9/64"	C x BR	0°/180°F	
	92	PVC - 120 Black FS x Brushed FR	7/64"	FS x BR	0°/180°F	
	93	PVC - 150 Black C x C	3/16"	C x C	0°/180°F	
	94	PVC - 150 Black C x Brushed	5/32"	C x BR	0°/180°F	
	95	PVC - 150 Black FS x Brushed FR	1/8"	FS x BR	0°/180°F	
	96	PVC - 200 Black C x C SC/FR	15/64"	C x C	0°/180°F	
	97	PVC - 200 Black C x Brushed	13/64"	C x BR	0°/180°F	
	98	PVC - 200 Black FS x Brushed FR	3/16"	C x BR	0°/180°F	
	98a	PVC - 250 Black C x C SC/FR	17/64"	C x C	0°/180°F	
	99	PVC - 350 Black C x C SC/FR	9/32"	C x C	0°/180°F	
	100	PVC - 450 Black C x C SC/FR	5/16"	C x C	0°/180°F	
	101	PVC - 750 Black C x C SC/FR	13/32"	C x C	0°/180°F	

	Cat. Item No.	Working Tension Per Inch Width	Min. Pulley Diameter Head - Tail	Approximate Weight Pounds Per Inch Width	Compound	Lacing/Fastener Recommendations							
						Flexco Plate/Rivet	Flexco Hinged	Alligator Staple	Clipper Lace	Alligator Lace			
	70	150 lbs.	6"	6"	.088 lbs.	SBR	NA	NA	#125	#3	#20		
	70a	150 lbs.	6"	6"	.119 lbs.	SBR	NA	NA	#125	#3	#25		
	71	150 lbs.	10"	8"	.144 lbs.	SBR	#140	#375 or 550	#187	NA	NA		
	72	150 lbs.	10"	8"	.156 lbs.	SBR	#140/R5	#375 or 550	NA	NA	NA		
	73	220 lbs.	12"	10"	.166 lbs.	SBR	#140/R5	#375 or 550	NA	NA	NA		
	74	220 lbs.	16"	10"	.166 lbs.	MOR	#140/R5	#375 or 550	NA	NA	NA		
	74a	220 lbs.	16"	10"	.181 lbs.	Nitrile	#140/R5	#375 or 550	NA	NA	NA		
	74b	220 lbs.	16"	10"	.133 lbs.	Nitrile	#140/R5	#375 or 550	NA	NA	NA		
	74c	220 lbs.	16"	10"	.213 lbs.	SBR	#190/R5	#375 or 550	NA	NA	NA		
	75	220 lbs.	16"	10"	.181 lbs.	SBR	#190/R5	#375 or 550	NA	NA	NA		
	75a	225 lbs.	16"	10"	.156 lbs.	SBR/Nitrile	#140/R5	#375 or 550	NA	NA	NA		
	75b	220 lbs.	16"	10"	.188 lbs.	SBR/Nitrile	#190/R5	#375 or 550	NA	NA	NA		
	76	330 lbs.	16"	10"	.17 lbs	SBR/Nitrile	#140/R5	#550	NA	NA	NA		
	77	330 lbs.	18"	12"	.213 lbs.	SBR	#190/ R5-1/2	#550	NA	NA	NA		
	77a	330 lbs.	18"	12"	.219 lbs.	SBR/Nitrile	#190/ R5-1/2	#550	NA	NA	NA		
	77b	330 lbs.	18"	12"	.15 lbs.	SBR/Nitrile	#190/R5	#550	NA	NA	NA		
	77c	330 lbs.	18"	12"	.125 lbs.	SBR/NR	#190/R5	#550	NA	NA	NA		
	77d	330 lbs.	18"	12"	.181 lbs.	SBR/NR	#190/ R5-1/2	#550	NA	NA	NA		
	77e	440 lbs.	20"	14"	.256 lbs.	SBR/NR	BR-10/R6	NA	NA	NA	NA		
	77f	330 lbs.	18"	12"	.181 lbs.	SBR/Nitrile	#190/ R5-1/2	#550	NA	NA	NA		
	78	330 lbs.	18"	12"	.219 lbs.	SBR	#190/R6	#550	NA	NA	NA		
	79	225 lbs.	12"	8"	.163 lbs.	N/R	#140/R6	NA	#187	NA	NA		
	80	440 lbs.	24"	16"	.269 lbs.	SBR	BR-10/R6	N/R	NA	NA	NA		
	80a	440 lbs.	24"	16"	.344 lbs.	SBR	BR-10/R6	NA	NA	NA	NA		
	80b	600 lbs.	24"	20"	.313 lbs.	SBR	BBR-10/ R6	N/R	NA	NA	NA		
	80c	600 lbs.	20"	18"	.22lbs.	Nitrile	BR-10/R5-1/2	N/R	NA	NA	NA		
	80d	600 lbs.	20"	18"	.34lbs.	SBR/Nitrile	BR-10/R5-1/2	N/R	NA	NA	NA		
	80e	600 lbs.	24"	18"	.26 lbs.	SBR/Nirile	#190/ R5-1/2	#550	NA	NA	NA		
	81	220 lbs.	16"	10"	.213 lbs.	Nitrile	#190 / R5	#375 or 550	NA	NA	NA		
	81a	330 lbs.	18"	12"	.20 lbs.	Nitrile	#190/ R5-1/2	#550	NA	NA	NA		
	82	220 lbs.	16"	10"	.194 lbs.	EPDM	#190/R5	#375 or 550	NA	NA	NA		
	82b	330 lbs.	18"	12"	.213 lbs.	EPDM	#190/R5-1/2	#375 or 550	NA	NA	NA		
	83	330 lbs.	18"	12"	.219 lbs.	EPDM	#190/R6	#550	NA	NA	NA		
	83a	225 lbs.	16"	10"	.156 lbs.	EPDM	#190/R5	#550	NA	NA	NA		
	83b	440 lbs.	24"	16"	.261 lbs.	EPDM	BR-10/R6	N/R	NA	NA	NA		
	83c	400 lbs.	24"	16"	.270 lbs.	RMA Grade 1	BR-10/R5-1/2	N/R	NA	NA	NA		
	83d	225 lbs.	10"	6"	.14 lbs	SBR	R2	375	187	NA	27		
	84	NA	NA	NA	.144 lbs.	SBR	NA	NA	NA	NA	NA		
	84a	NA	NA	NA	.073 lbs	SBR	NA	NA	NA	NA	NA		
	85	NA	NA	NA	.181 lbs.	SBR	NA	NA	NA	NA	NA		
	85a	NA	NA	NA	.281 lbs.	SBR	NA	NA	NA	NA	NA		
	85b	NA	NA	NA	.469 lbs.	SBR	NA	NA	NA	NA	NA		
	85c	NA	NA	NA	.525 lbs.	SBR	NA	NA	NA	NA	NA		
		Safe Work Load PIW Conveyor Elevator-Allow/Prefer		Min. Pulley Diameter Conveyor / Elevator	Max Bucket Projection Grain / Industrial								
	86/68	120 lbs.	NR / NR	2"	NR	.09 lbs.	NR	NR	NA	NA	#125	#1	#7
	87/69	120 lbs.	NR / NR	3"	NR	.075 lbs.	NR	NR	NA	NA	#125	#1	#7
	87a	200 lbs.	NR / NR	4"	NR	.129 lbs	NR	NR	R5	NA	#187	#4-1/2	#27
	88	100 lbs.	NR / NR	2-1/2"	NR	.088 lbs.	NR	NR	NA	NA	#125	#1	#7
	90	120 lbs.	NR / NR	2-1/2"	NR	.075 lbs.	NR	NR	NA	NA	#125	#2	#15
	91	120 lbs.	NR / NR	2-1/2"	NR	.069 lbs.	NR	NR	NA	NA	#125	#2	#15
	92	120 lbs.	NR / NR	2"	NR	.056 lbs.	NR	NR	NA	NA	#125	#1	#7
	93	150 lbs.	NR / NR	3"	NR	.106 lbs.	NR	NR	NA	NA	#125	#3	#20
	94	150 lbs.	NR / NR	3"	NR	.075 lbs.	NR	NR	NA	NA	#125	#2	#15
	95	150 lbs.	NR / NR	3"	NR	.056 lbs.	NR	NR	NA	NA	#125	#1	#15
	96	200 lbs.	200 lbs./185 lbs.	4"	8"	.119 lbs.	6"	6"	R5	#375	#187	#4-1/2	#27
	97	200 lbs.	NR / NR	4"	NR	.106 lbs.	NR	NR	R5	NA	#187	#4-1/2	#25
	98	200 lbs.	NR / NR	4"	NR	.094 lbs.	NR	NR	R5	#550	NA	#4-1/2	#25
	98A	250 lbs.	250 lbs./200 lbs.	6"	8"	.145 lbs.	6"	6"	R5	#550	NA	NA	NA
	99	350 lbs.	350 lbs./280 lbs.	8"	12"	.163 lbs.	8"	7"	R5	#550	NA	NA	NA
	100	450 lbs.	450 lbs./350 lbs.	10"	14"	.194 lbs.	9"	9"	R5	#550	NA	NA	NA
	101	750 lbs.	750 lbs./500 lbs.	14"	18"	.225 lbs.	9"	10"	R6	#550	NA	NA	NA

	Catalog Item Number	International Designation	Belt Description	TOP COVER					BOTTOM COVER					
				MATERIAL	COLOR	THICKNESS	SURFACE	SHORE	MATERIAL	COLOR	THICKNESS	SURFACE	SHORE	
MONOPRO® FOOD AND NON FOOD LIGHTWEIGHT CONVEYOR BELTS														
Food And Non Food Lightweight Belting	102	E5/1 0/V5 White NA FDA	1 Ply Poly CR28 White PVC C x B NA	PVC	White	.019"	Smooth	80	Poly	White	N/A	Bare	N/A	
	103RCAS	E3/1 U0/U2 White Matte AS	1 Ply Poly CR17 White PU Matte x B AS	PU	White	.012"	Matte	86	Poly	White	N/A	Bare	N/A	
	104	E10/2 0/V0 White NA FDA	2 Ply Poly CR57 White PVC B x B NA	Poly	White	N/A	Bare	N/A	Poly	White	N/A	Bare	N/A	
	104AS	E10/2 U0/U0 White AS FDA	2 Ply Poly CR57 PU ASWhite B x B AS	Poly	White	N/A	PU Imp	N/A	Poly	White	N/A	Bare	N/A	
	304AS	BES 20/3 U0/V0 AS	3 Ply Poly 114 White PVC B x B AS	PVC	Trans	NA	Imp Fabric	NA	PVC	Trans	N/A	Impreg Fab	N/A	
	104B	E15/3 U1QW Black AS	3 Ply Poly CR65 Black PVC B x B QW AS	PU Imp	Black	.004	PU Imp	N/A	QW Poly	N/A	N/A	Bare	N/A	
	105	EC5/2 0/V/0 Tan NA FDA	2 Ply Poly/Cotton 28 Tan PVC B x B NA	Poly/Ctn	Natural	N/A	Bare	N/A	Poly/Ctn	Natural	N/A	Bare	N/A	
	106	EC5/2 0/0 Natural NA FDA	2 Ply Poly Cotton 28 BF x BF NA	Poly/Ctn	White	N/A	Bare	N/A	Poly/Ctn	White	N/A	Bare	N/A	
	107	E8/2 U0/V5 White NA FDA	2 Ply Poly CR46 White PVC C x B NA	PVC	White	.019"	Smooth	65	Poly	White	N/A	Bare	N/A	
	107ASB	E12/2 0/V5 Black AS	2 Ply Poly CR68 Black PVC C x B AS	PVC	Black	.016"	Matte	85	PU Imp	Natural	N/A	Bare	N/A	
	107ASQ	E8/2 0/V5 QW AS White FDA	2 Ply Poly CR46 White PVC C x B QW AS FDA	PVC	White	.019"	Matte	80	Poly	White	N/A	Bare	N/A	
	108B	E8/2 U0/U3 White NA FDA	2 Ply Poly CR46 White PU NA	PU	White	.012"	Matte	86	Poly	Natural	N/A	PU Imp Fabric	N/A	
	108BPU	E8/2 U0/U3 Blue FDA AS	2 Ply Poly CR46 Blue PU x B AS/FDA	PU	Blue	.012"	Matte	86	PVC	Natural	N/A	PU Imp Fabric	N/A	
	108RCAS	E8/2 U0/U4 White Matte AS FDA	2 Ply Poly CR46 White PU Matte x B AS	PU	White	.016"	Matte	92	Poly	White	N/A	PU Imp Fabric	N/A	
	109	E12/2 0/V7 White IP FDA	2 Ply Poly CR68 White IP x B AS	PVC	White	.028"	Inverted Pyramid	70	Poly	White	N/A	Bare	N/A	
	110	EF13/2 U0/V8 White FDA	2 Ply Poly 74 White PVC C x B NA	PVC	White	.031"	Smooth	72	Poly	White	N/A	PU Skimmed	N/A	
	111A	E8/2 0/V5 Green AS	2 Ply Poly CR46 Green PVC C x B AS	PVC	Green	.019"	Gloss	80	Poly	White	N/A	Bare	N/A	
	111B	E12/2 0/V1 Green PVC Gloss NA	2 Ply Poly CR69 Green PVC C x B NA	PVC	Green	.039"	Gloss	70	Poly	White	N/A	Bare	N/A	
	112	E8/2 0/V5 Black M AS	2 Ply Poly CR45 PVC Black C x B MAS	PVC	Black	.0156"	Matte	80	Poly	White	N/A	Bare	N/A	
	113	E8/2 0/U3 Green HC AS	2 Ply Poly CR46 Dark Green PU C x B AS	PU	Green	.0156"	Matte	95	Poly	White	N/A	Bare	N/A	
	113D	E17/2 U1/U10 Green AS FDA	1 Ply Poly CR97 Green PU C x UI AS FDA	PU	Green	.0156"	Gloss	92	Poly	Green	.0039	PU Imp	N/A	
	114	EM13/2 0V10 Black NA	2 Ply Poly 74 Black PVC C x B NA	PVC	Black	.016"	Satin	80	Spun Poly	White	N/A	Bare Low Fric	N/A	
	115	E10/2 V10IP/V10 Green AS	2 Ply Poly CR 577 Light Green PVC C x IP AS	PVC	Green	.039"	Smooth	70	PVC	Green	.0039"	Inverted Pyramid	82	
	115A	E15/3 V8IP/V7 Green NA	3 Ply Poly CR86 Light Green PVC C x IP AS	PVC	Green	.028"	Smooth	80	PVC	Green	.031	Inverted Pyramid	N/A	
	116	E9/2 0/AS/V40 Green PVC RT NA	2 Ply Poly CR51 Green PVC AS RT x B	PVC	Green	.160"	Roughtop	55	Poly	Natural	N/A	Bare	N/A	
	116A	E15/2 0/V20AS Blue PVC x M	2 Ply Poly CR85 Blue AS PVC ST x B	PVC	Blue	.080"	Smooth	45	Poly	Natural	N/A	Bare	N/A	
	116B	E22/3 0ASV20 Gray ST	3 Ply Poly CR1125 Gray AS ST x B	PVC	Gray	.080"	Smooth	45	Poly	Natural	N/A	Bare	N/A	
	116J	E10/2 0/V37 Green Jink RT x QW NA	2 Ply Poly CR57 Green PVC Jink RT x QW NA	PVC	White	.0625"	Smooth	80	Poly	Natural	N/A	Bare	N/A	
	117	E13/3 0/V10 White FDA NA	3 Ply Poly CR74 White PVC C x B NA	PVC	White	.035"	Smooth	65	Poly	White	N/A	Bare	N/A	
	117A	E15/3 0/V5 HCR White PVC AS	3 Ply Poly HCR 85 White PVC x B AS	PVC	White	.019"	Matte	65	Poly	White	N/A	Bare	N/A	
	118	E10/2 0/V14 Black LG QW AS	2 Ply Poly CR57 Black PVC LG x QW AS	PVC	Black	.055"	Longitud Groove	35	Poly	Natural	N/A	Quite Weave	N/A	
	118FR	E10/2 0/V14 Black LG x QW AS FR	2 Ply Poly CR57 Black LG x QW AS FR	PVC	Black	.055"	Longitud Groove	35	Poly	Natural	N/A	Quite Weave	N/A	
	118LT	E110/2 0/V13 Green LT x B QW	2 Ply Poly CR57 Green PVC Lattice x QW	PVC	Petrol	.051"	Longitud Groove	35	Poly	Natural	N/A	Quite Weave	N/A	
	118R	E14/2 0/V45 Red LG x B AS	2 Ply Poly CR79 Red PVC LG x Bare AS	PVC	White	.1805"	Longitud Groove	45	Poly	Natural	N/A	Bare	N/A	
	118W	E8/2 0/V10 White LG x B NA	2 Ply Poly CR45 White PVC LG x B NA	PVC	White	.102	Longitud Groove	45	Poly	White	NA	Bare	NA	
	146	E15/3 P1/P2 White PVC C x C Matte FR	3 Ply Poly 86 White PVC C x C Matte FR	PVC	White	.078"	Smooth	80	PVC	White	N/A	Matte	N/A	
	2B1	E13/2 0/V3 White ST FDA NA	2 Ply Poly CR74 White PVC Sawtooth x B	PVC	White	0.141"	Sawtooth	55	Poly	White	N/A	Bare	N/A	
	2B7	E10/2 U0/SI3 FDA	2 Ply Poly CR57 Clear SI (PU Skim) x B FDA	SI	White	.02"	Smooth	40	Poly	White	N/A	Bare	N/A	
	2B8	E8/2 0/SI2 HT AS FDA	2 Ply Poly CR45 White SI X B HT AS FDA	SI	White	.015"	Smooth	40	Poly	White	N/A	Bare	N/A	
	2B11	E14/2 Q/U/U15 AS FDA	2 Ply Poly 80 White PU x B AS FDA	PU	White	.06"	Gloss	94	Poly	White	N/A	PU Imp	N/A	
	2B12	EM21/M U0/U4 Red	IWP 120 3/32" Red Urethane	PU	Red	.078"	Smooth	90	Poly	Red	N/A	Friction	N/A	
	2B13	EM26/M U0/U4 Red	IWP 150 3/32" Red Urethane	PU	Red	.078"	Smooth	90	Poly	Red	N/A	Friction	N/A	
	2B14	EM35/M U0/U4 Red	IWP 200 3/32" Red Urethane	PU	Red	.078"	Smooth	90	Poly	Red	N/A	Friction	N/A	
MONOPRO® LIGHTWEIGHT SPECIALTY BELTS														
Lightweight Specialty Belts	139A	NW 25 HC SF BLACK	NW 25 HC BLACK	Poly Fleece	Black	N/A	Nonwoven	N/A	Poly Fleece	Black	N/A	Nonwoven	N/A	
	139B	NW 40 NA SF Black	NW 40 NA SF Black	Poly Fleece	Black	NA	Nonwoven	N/A	Poly Fleece	Black	N/A	Nonwoven	N/A	
	139C	NW 60 Green	NW 60 Green	Poly Fleece	Green	N/A	Nonwoven	N/A	Poly Fleece	Green	N/A	Nonwoven	N/A	
	140Q	TM120 FBS FR	TM120 FBS FR	Poly Fleece	Black	NA	Fabric	NA	Poly Fleece	Black	NA	Fabric	NA	
	141Q	QB 120 HM x F FR Black	QB 120 HM x F FR Black	Poly	Black	N/A	Imp Fabric	NA	Poly	Black	N/A	Friction	N/A	
	142Q	QB 120 RT x F FR	QB 120 RT x F FR	PVC	Black	N/A	Roughtop	N/A	Poly Fleece	Black	N/A	Fabric	N/A	

	FABRICS			Anti-static	Belt Thickness (in.)	Belt Weight (PIW)	Material Between Piles	Working Temperature (Fahrenheit)	Breaking Load	Pull For 1% Elong.	Pulley Diameter		Joining				Belt Support			Coefficient of Friction		
	No. Piles	Warp	Weft								Normal Flex	Back Flex	Finger Splice	Step Splice	Mech. Splice	Spiral Splice	Slider Bed	Flat Roller	Trough Bed	Steel	Wood	Plastic
	1	Multi	Mono	N	0.394	0.22	N/A	5°/176°	513 lbs./in.	28 lbs./in.	0.393"	0.787"	Y	N	Y	N	Y	Y	N	0.15	N/A	N/A
	1	Multi	Mono	Y	0.0131	0.14	N/A	8°/176°	238 lbs./in.	28 lbs./in.	0.16"	0.31"	Y	N	Y	N	Y	N	N	0.2	N/A	N/A
	2	Multi	Mono	N	0.063	0.35	PVC	14°/176°	1026 lbs./in.	57 lbs./in.	0.79"	1.18"	Y	Y	Y	Y	Y	N	N	0.15	N/A	N/A
	2	Multi	Mono	Y	0.059	0.33	PU	5°/198°	685 lbs./in.	57 lbs./in.	.78"	1.38"	Y	Y	Y	Y	Y	N	N	0.11	0.16	N/A
	3	Multi	Multi	N	0.133	0.77	PVC	14°/212°	1713 lbs./in.	28 lbs./in.	6"	6"	Y	Y	Y	N	Y	Y	Y	0.2	N/A	N/A
	3	Multi	Mono	Y	0.102	0.51	PVC	14°/176°	1539 lbs./in.	86 lbs./in.	3.93"	5.9"	Y	Y	Y	N	Y	Y	N	0.2	0.2	N/A
	2	Poly	Cotton	N	0.071	0.35	PVC	14°/176°	798 lbs./in.	29 lbs./in.	0.79"	0.98"	Y	Y	Y	Y	Y	N	Y	0.3	0.2	N/A
	2	Poly	Cotton	N	0.094	0.45	PVC	14°/194°	1084 lbs./in.	28 lbs./in.	1.96"	1.96"	Y	Y	Y	N	Y	N	Y	0.3	0.2	N/A
	2	Multi	Mono	N	0.078	0.43	PVC	14°/176°	885lbs./in.	46 lbs./in.	1.18"	2.36"	Y	Y	Y	Y	Y	N	N	0.15	N/A	N/A
	2	Multi	Mono	Y	0.074	0.43	PVC	-4°/180°	822 lbs./in.	68 lbs./in.	1.75"	2.5"	Y	Y	Y	Y	Y	N	N	0.22	0.20	0.19
	2	Multi	Mono	Y	0.083	0.49	PVC	5°/176°	885 lbs./in.	46 lbs./in.	1.18"	1.96"	Y	Y	Y	Y	Y	Y	N	0.22	0.20	0.19
	2	Multi	Mono	N	0.059	0.33	PU	4°/176°	1026 lbs./in.	46 lbs./in.	0.24"	0.47"	Y	Y	Y	N	Y	N	N	0.2	0.3	0.3
	2	Multi	Multi	Y	0.059	0.29	PU	-4°/176°	1026 lbs./in.	46 lbs./in.	0.59"	0.78"	Y	Y	Y	N	Y	Y	Y	0.2	N/A	N/A
	2	Multi	Mono	Y	0.059	0.31	PU	-4°/176°	742 lbs./in.	46 lbs./in.	0.79"	1.18"	Y	Y	Y	Y	Y	N	N	0.2	N/A	N/A
	2	Multi	Mono	Y	0.086	0.49	PVC	14°/176°	822 lbs./in.	68 lbs./in.	1.57"	2.4"	Y	Y	Y	Y	Y	N	N	0.15	N/A	N/A
	2	Multi	Multi	N	0.102	0.61	PVC	23°/176°	1256 lbs./in.	74 lbs./in.	1.96"	2.36"	Y	Y	Y	Y	Y	N	Y	0.15	N/A	N/A
	2	Multi	Mono	Y	0.078	0.043	PVC	5°/176°	885 lbs./in.	46 lbs./in.	1.18"	1.96"	Y	Y	Y	Y	Y	N	N	0.22	0.2	0.19
	2	Multi	Mono	N	0.11	0.55	PVC	5°/176°	1026 lbs./in.	59 lbs./in.	1.97"	3.94"	Y	Y	Y	Y	Y	N	N	0.22	0.2	0.19
	2	Multi	Mono	Y	0.078	0.43	PVC	5°/176°	885 lbs./in.	46 lbs./in.	1.18"	1.96"	Y	Y	Y	Y	Y	N	N	0.2	N/A	N/A
	2	Multi	Mono	Y	0.055	0.29	PU	-4°/176°	885 lbs./in.	46 lbs./in.	0.79"	1.57"	Y	Y	Y	Y	Y	N	N	0.2	0.2	N/A
	1	Multi	Mono	Y	0.084	0.42	PU	-4°/212°	1027 lbs./in.	97 lbs./in.	1.18"	1.96"	Y	N	Y	Y	Y	Y	N	0.2	N/A	N/A
	2	Multi	Multi	N	0.140	0.94	PVC	-20°/180°	890 lbs./in.	74 lbs./in.	2.5"	5"	Y	Y	Y	Y	Y	N	Y	0.25	N/A	N/A
	2	Multi	Mono	Y	0.118	0.72	PVC	14°/176°	685 lbs./in.	57 lbs./in.	3.15"	3.15"	Y	Y	Y	Y	N	Y	Y	0.19	0.18	N/A
	3	Multi	Mono	N	0.181	1.0	PVC	5°/180°	1710 lbs./in.	86 lbs./in.	3.93"	5.51"	Y	Y	Y	Y	N	Y	Y	0.19	0.18	N/A
	2	Multi	Mono	Y	0.201	0.82	PVC	23°/176°	685 lbs./in.	51 lbs./in.	1.75"	2.75"	Y	Y	Y	Y	Y	N	N	0.16	0.13	0.19
	2	Multi	Mono	Y	0.160	0.98	PVC	23°/176°	1142 lbs./in.	85 lbs./in.	3.15"	3.93"	Y	Y	Y	Y	Y	N	N	0.16	N/A	N/A
	3	Multi	Mono	Y	0.190	1.19	PVC	23°/176°	1713 lbs./in.	125 lbs./in.	4.72"	5.91"	Y	Y	Y	N	Y	N	N	0.17	0.16	0.20
	2	Multi	Mono	N	0.156	0.90	PVC	-4°/140°	1027 lbs./in.	57 lbs./in.	7"	8"	Y	Y	Y	N	Y	N	N	0.2	N/A	N/A
	3	Multi	Mono	N	0.153	0.88	PVC	5°/176°	1368 lbs./in.	74 lbs./in.	4.72"	7.09"	Y	Y	Y	N	Y	N	N	0.15	N/A	N/A
	3	Multi	Poly	Y	0.153	0.88	PVC	14°/176°	1140 lbs./in.	85 lbs./in.	3.93"	7.09"	Y	Y	Y	N	Y	N	N	0.2	N/A	N/A
	2	Multi	Mono	Y	0.122	0.61	PVC	-4°/176°	1026 lbs./in.	57 lbs./in.	1.96"	3.54"	Y	Y	Y	Y	Y	N	N	0.11	0.16	0.19
	2	Multi	Mono	Y	0.122	0.61	PVC	-4°/176°	1026 lbs./in.	57 lbs./in.	2"	2-3/8"	Y	Y	Y	Y	Y	N	N	0.11	0.16	0.19
	2	Multi	Mono	N	0.110	0.59	PVC	-4°/140°	1028 lbs./in.	57 lbs./in.	2.75"	4.72"	Y	Y	Y	Y	Y	Y	N	0.2	N/A	0.19
	2	Multi	Mono	Y	0.25	1.41	PVC	23°/176°	913 lbs./in.	79 lbs./in.	1.97"	3.14"	Y	Y	Y	N	Y	Y	N	0.17	0.14	0.22
	2	Multi	Mono	N	0.102	0.51	PVC	14°/176°	856 lbs./in.	46 lbs./in.	1.57"	2.36"	Y	Y	Y	Y	Y	Y	N	0.23	0.22	0.19
	3	Multi	Mono	Y	0.244	1.88	PVC	5°/176°	1539 lbs./in.	125 lbs./in.	4.72"	8.66"	Y	Y	Y	N	Y	N	N	0.17	0.14	N/A
	2	Multi	Mono	N	0.224	0.92	PVC	14°/176°	N/A	74 lbs./in.	1.97"	2.36"	Y	N	Y	N	Y	Y	N	0.2	N/A	N/A
	2	Multi	Mono	N	0.055	0.31	PU	-20°/180°	685 lbs./in.	57 lbs./in.	1.37"	2.16"	Y	Y	Y	N	Y	N	N	0.16	N/A	N/A
	2	Multi	Mono	Y	0.086	0.55	SI	-65°/350°	NA	50 lbs./in.	2"	2"	N	Y	Y	N	Y	Y	N	0.2	N/A	N/A
	2	Multi	Mono	Y	0.149	0.82	PU	-4°/176°	1028 lbs./in.	80 lbs./in.	4.72"	9.44"	Y	Y	Y	N	Y	Y	N	0.3	N/A	N/A
	1	Poly	Poly	N	0.22	1.3	PVC	20°/180°	1250 lbs./in.	120 lbs./in.	3"	6"	Y	N	Y	N	Y	Y	Y	0.4	N/A	N/A
	1	Poly	Poly	N	0.2	1.2	PVC	20°/180°	1480 lbs./in.	150 lbs./in.	4"	7"	Y	N	Y	N	Y	Y	Y	0.4	N/A	N/A
	1	Poly	Poly	N	0.24	1.4	PVC	20°/180°	1940 lbs./in.	200 lbs./in.	6"	10"	Y	N	Y	N	Y	Y	Y	0.4	N/A	N/A
	0	Flexible	Flexible	Y	0.102	0.29	Poly	-10°/212°	N/A	85 lbs./in.	1.5"	3.14"	N	N	Y	N	Y	Y	N	0.4	N/A	N/A
	0	Flexible	Flexible	N	0.157	0.43	Poly	14°/250°	N/A	100 lbs./in.	3.14"	6.25"	N	N	Y	N	Y	Y	N	0.4	N/A	N/A
	0	Flexible	Flexible	N	0.216	0.58	Poly	14°/250°	N/A	100 lbs./in.	5"	10"	N	N	Y	N	Y	Y	N	0.3	N/A	N/A
	0	Flexible	Flexible	N	0.098	0.59	Poly	-10°/160°	N/A.	69 lbs./in.	1.57"	1.57"	N	N	Y	N	Y	Y	Y	0.25	N/A	N/A
	0	Flexible	Flexible	N	0.114	0.80	SWP	0°/180°	N/A	80 lbs./in.	2.5"	5"	N	N	Y	N	Y	Y	N	0.28	N/A	N/A
	0	Flexible	Flexible	N	0.224	0.88	SWP	-10°/158°	N/A.	67 lbs./in.	2.75"	3.94"	Y	N	Y	N	Y	Y	N	0.28	N/A	N/A

	Catalog Item Number	International Designation	Belt Description	TOP COVER				BOTTOM COVER						
				MATERIAL	COLOR	THICKNESS	SURFACE	SHORE	MATERIAL	COLOR	THICKNESS		SURFACE	SHORE
MONOPRO® SURFACE FINISHING MACHINE BELTS														
Surface Finishing Machine Belts	135	E24/3 0/N47 RT Black OSM N AS	3 Ply CR135 x Black RT x B AS SF MB	OSM Nitrile	Black	.187"	Rough Top	65-70	Tr Duck	Brown	N/A	Bare	N/A	
	136W	E24/3 0/N31 ST White N AS	3 Ply CR135 White ST x B AS SF MB	Nitrile	White	.125"	Smooth	55-60	Tr Duck	Brown	N/A	Bare	N/A	
	137	E24/3 0/N31 ST Gray OSM N AS	3 Ply CR135 Gray ST x B AS SF MB	OSM Nitrile	Gray	.125"	Smooth	65-70	Tr Duck	Brown	N/A	Bare	N/A	
	139	E24/3 0/N31 TWG Tan SBR AS	3 Ply CR135 Tan TWG x B AS SF MB	SBR	Tan	.167"	Tan Wedge	grip 45	Tr Duck	Brown	NA	Bare	NA	
PRO TURN® POWER TURN BELTS														
ProTurn® Power Turn Belts	54(FR)	N/A	2 Ply Poly 150 Black RT x B FR	SBR	Black	.093"	Roughtop	65	Poly	Tan	N/A	Bare	N/A	
	130	EM3/1 U0/U2 White MT AS	1 Ply Poly 17 White PU x B AS	PU	White	.007"	Matte	85	Poly	White	N/A	PU Skimmed	N/A	
	131	EM12/2 0/V7 Green NA	2 Ply Poly 69 Green PVC C x B NA	PVC	Green	.027"	Smooth	80	Poly	White	N/A	Bare	N/A	
	132	EM8/2 0/U2 White MT NA	2 Ply Poly46 White PU x B M NA	PU	White	.008"	Matte	85	Poly	White	N/A	Bare	N/A	
	132B	EM8/2 0/U2 Blue PU x B M NA	2 Ply Poly 46 Blue PU x B M NA	PU	Blue	.008"	Matte	85	Poly	White	N/A	Bare	N/A	
	133	EM12/2 U0/V5 Black IP x B AS FR	2 Ply Poly 69 Black PVC IP x B AS FR	PVC	Black	.019"	Inverted Pyramid	65	Poly	White	N/A	PU Imp	N/A	
	134	EM12/2 0/V6 Black AS FR	2 PlyPoly 69 Black PVC x B AS FR	PVC	Black	.023"	Smooth	70	Poly	White	N/A	Bare	N/A	
	134M	EM12/2 0/V3 Black M AS FR	2 Ply Poly 69 Black PVC M x B AS FR	PVC	Black	.011"	Matte	75	Poly	Natural	N/A	PU Imp	N/A	
	134SG	EM12/2 0/V7 Black Sand Grit AS FR	2 Ply Poly 130 Black PVC Sand Grit x B AS FR	PVC	Black	.027"	Sand Grit	80	Hybd Poly	Natural	N/A	Bare Low-Fric	N/A	
138	EM28/2 0/15 SBR Black LI x B FR	2 Ply 160 Black LI x B FR	SBR	Black	.06"	Light Imp	55	Treat Duck	Brown	N/A	Brown	N/A		
POLYPRO PLUS® PREMIUM LIGHTWEIGHT BELTS														
PolyPro Plus® Premium Lightweight Belts	103HCR	E7/1 U0/U5 White AS FDA	1 Ply Poly CR40 White PU AS	PU	White	.021"	Gloss	85	Poly	White	N/A	PU Imp	N/A	
	103HCRB	E7/1 U0/U5 Blue AS FDA	1 Ply Poly CR40 Blue PU AS	PU	Blue	.021"	Gloss	85	Poly	Light Blue	N/A	PU Imp	N/A	
	103RG	E5/1 U0/U5 RG White HR NA FDA	1 Ply Poly CR28 White PU RG NA	PU	White	.021"	Rice Grain	85	Poly	White	N/A	PU Imp	N/A	
	108CL	E13/2 U0/U16 Clear Matte NA	2 Ply Poly CR74 Clear Matte PU NA	PU	Clear	.062"	Matte	92	Poly	White	NA	PU Imp	NA	
	108GL	E10/2 U0/U2 White PU GL NA FDA	2 Ply Poly CR57 White PU Gloss NA	PU	White	.007"	Gloss	85	Poly	White	N/A	PU Imp	N/A	
	108HCR	EM13/2 U1/U75 Clear Matte AS FDA	2 Ply PolyCR74 Clear Matte PU x FS AS FDA	PU	Clear	.029"	Matte	92	Poly	Natural	N/A	PU Imp	N/A	
	108MRG	EM14/2 U3RG/U3 Blue M NA FDA	2 Ply Poly 80 Blue RG x M NA	PU	Blue	.013"	Matte	92	PU	Blue	.0011	Rice Grain	92	
	108RED	E13/2 UI/U10 Red Gloss NA	2 Ply CR74 Red Gloss PU x FS NA	PU	Red	.039	Gloss	85	Poly	Natural	N/A	PU Imp	N/A	
ZIPLINK PREMIUM LIGHTWEIGHT BELTS														
ZipLink Premium Lightweight Belts	200	Blue Carbox Nitrile Smooth x B FDA	Blue Carbox Nitrile Smooth x B FDA	NBR	Blue	.06"	Smooth	65	Bare	White	N/A	Bare	N/A	
	201	Blue Carbox Nitrile Rough Top x B FDA	Blue Carbox Nitrile Rough Top x B FDA	NBR	Blue	.186"	Rough Top	65	Bare	White	N/A	Bare	N/A	
	202	Red Natural Rubber x FS	Red Natural Rubber x FS	Nat Rubber	Red	.118"	Smooth	40	Bare	Black	N/A	Friction	N/A	
	202LR	Red Natural Rubber LR x FS	Red Natural Rubber LR x FS	Nat Rubber	Red	.118"	Longitud Groove	40	Bare	Black	NA	Friction	NA	
	203	White Nitrile Smooth Top x FS FDA	White Nitrile Smooth Top x FS FDA	NBR	White	.047"	Smooth	65	Bare	White	N/A	Friction	N/A	
	204	Brown Nitrile Rough Top x FS	Brown Nitrile Rough Top x FS	Nitrile	Brown	.188	Rough Top	60	Bare	Brown	N/A	Friction	N/A	

CHEMICAL RESISTANCE

Common Name	ASTM Designation	General Properties	Names of Beltservice Belts of These Types
EPDM	EPDM	Excellent weather, ozone and UV resistance; excellent resistance to ketone solvents; superior heat resistance when peroxide cured.	High heat resistant 2 Ply 220, 3 Ply 330, and 4 Ply 440
Butyl	IIR	Excellent weathering resistance; low permeability to gases; good resistance to ozone and aging; low tensile strength and resilience.	White Butyl
Natural Rubber	NR	Excellent physical properties; good resistance to cutting, gouging and abrasion; low heat, ozone and oil resistance.	Pure Gum Roughtop and Steepgrade
Neoprene	CR	Excellent ozone , heat and weathering resistance; good oil resistance; excellent flame resistance.	Compound not currently used in belting industry.
Nitrile/Buna-N	NBR	Excellent resistance to vegetable, animal and petroleum oils; poor low-temperature resistance.	White nitrile food belts; black nitrile light duty; SOR Hot Asphalt.
PVC	[none]	Excellent resistance against acids and chemicals. Weathers well. Limited high and low temperature capability. Obtains other physicals only in combination with polyester carcass.	All white and black PVC conveyor and elevator belts; monofilament thermoplastic.
Silicone	VMQ	Excellent release characteristics. Resistance to most vegetable oils. Silicone can handle high heat.	3 Ply Hot Stock and Water with silicone top cover; 2 Ply monofilament
SBR	SBR	Good physical properties; excellent abrasion resistance; not oil, ozone, or weather resistant.	Standard RMA-II H.D. conveyor; all transmission; most incline; skirtboard

	FABRICS			Anti-static	Belt Thickness (in.)	Belt Weight (PIW)	Material Between Piles	Working Temperature (Fahrenheit)	Breaking Load	Pull For 1% Elong.	Pulley Diameter		Joining				Belt Support			Coefficient of Friction		
	No. Piles	Warp	Weft								Normal Flex	Back Flex	Finger Splice	Step Splice	Mech. Splice	Spiral Splice	Slider Bed	Flat Roller	Trough Bed	Steel	Wood	Plastic
	3	Multi	Mono	Y	0.310	0.138	OSM	20°/180°	1644 lbs./in.	135 lbs./in.	6"	12"	N	Y	Y	N	Y	Y	N	0.25	N/A	N/A
	3	Multi	Mono	Y	0.6	1.68	Nitrile	20°/212°	1644 lbs./in.	135 lbs./in.	6"	12"	N	Y	Y	N	Y	Y	N	0.25	N/A	N/A
	3	Multi	Mono	Y	0.260	1.68	Poly	20°/180°	1644 lbs./in.	135 lbs./in.	6"	12"	N	Y	Y	N	Y	Y	N	0.25	N/A	N/A
	3	Multi	Mono	Y	0.3	1.45	MOR	20°/212°	1644 lbs./in.	150 lbs./in.	6"	12"	N	Y	Y	N	Y	Y	N	0.25	N/A	N/A
	2	Poly	Poly	N	0.266	1.16	SBR	-40°/250°	1500 lbs./in.	150 lbs./in.	3"	3"	N	Y	Y	N	Y	Y	N	0.25	N/A	N/A
	1	Multi	Multi	Y	0.027	0.14	N/A	-22°/212°	285 lbs./in.	17 lbs./in.	.118"	.314"	Y	N	Y	N	Y	N	Y	0.2	0.25	N/A
	2	Multi	Multi	Y	0.094	0.59	PVC	14°/176°	1142 lbs./in.	69 lbs./in.	1.97"	2.95"	Y	N	Y	Y	Y	N	Y	0.17	0.14	N/A
	2	Multi	Multi	N	0.059	0.34	PU	-22°/212°	685 lbs./in.	46 lbs./in.	0.5"	0.98"	Y	Y	Y	Y	Y	N	Y	0.18	N/A	N/A
	2	Multi	Multi	N	0.105	0.34	PU	-22°/212°	685 lbs./in.	46 lbs./in.	0.5"	0.98"	Y	Y	Y	Y	Y	N	Y	0.18	N/A	N/A
	2	Multi	Multi	Y	0.108	0.61	PVC	14°/158°	1027 lbs./in.	69 lbs./in.	2.36"	5"	Y	N	Y	Y	Y	N	Y	0.18	NA	N/A
	2	Multi	Multi	Y	0.09	0.59	PVC	14° / 176°	1142 lbs./in.	69 lbs./in.	1.97"	2.95"	Y	N	Y	Y	Y	N	Y	0.17	0.14	N/A
	2	Multi	Multi	Y	0.09	0.55	PVC	14°/158°	1142 lbs./in.	69 lbs./in.	2.36"	5"	Y	N	Y	Y	Y	N	Y	0.18	N/A	N/A
	2	Multi	Multi	Y	0.114	0.74	PVC	20°/180°	1368 lbs./in.	68 lbs./in.	1.75"	5"	Y	N	Y	N	Y	N	Y	0.20	N/A	N/A
	2	Poly	Poly	N	0.135	0.88	SBR	-30°/180°	1368 lbs./in.	160 lbs./in.	2"	4"	Y	N	Y	N	Y	Y	Y	0.25	N/A	N/A
	1	Multi	Mono	Y	0.045	0.21	PU	-13°/194°	514 lbs./in.	40 lbs./in.	.196"	.787"	Y	N	Y	N	Y	Y	Y	0.2	N/A	N/A
	1	Multi	Mono	Y	0.045	0.21	PU	-13°/194°	514 lbs./in.	40 lbs./in.	.196"	.787"	Y	N	Y	N	Y	Y	Y	0.2	N/A	N/A
	1	Multi	Mono	N	.039	0.15	PU	-13°/194°	342 lbs./in.	28 lbs./in.	.314"	.787"	Y	N	Y	N	Y	Y	Y	0.2	N/A	N/A
	2	Multi	Mono	N	0.157	0.94	PU	-13°/194°	1142 lbs./in.	74 lbs./in.	5.118"	7.086"	Y	Y	Y	N	Y	Y	Y	0.2	N/A	N/A
	2	Multi	Mono	N	0.051	0.24	PU	-13°/194°	685 lbs./in.	57 lbs./in.	.393"	1.574"	Y	Y	Y	N	Y	Y	N	0.2	N/A	N/A
	2	Multi	Mono	Y	0.093	0.54	PU	-13°/194°	970 lbs./in.	74 lbs./in.	2.75"	4"	Y	Y	Y	N	Y	N	N	0.2	N/A	N/A
	2	Multi	Multi	Y	0.09	0.44	PU	-13°/194°	1142 lbs./in.	80 lbs./in.	2.36"	3.149"	Y	N	Y	N	Y	Y	Y	0.2	N/A	N/A
	2	Multi	Mono	N	0.102	0.66	PU	-40°/194°	970 lbs./in.	74 lbs./in.	3.14"	4.33"	Y	N	Y	N	Y	Y	Y	0.2	N/A	N/A
	1	Multi	Mono	N	0.133	0.71	Poly	0°/250°	N/A	150 lbs./in.	1.97"	3.94"	N/A	N/A	N/A	N/A	Y	Y	N	N/A	N/A	N/A
	1	Multi	Mono	N	0.251	1.17	Poly	0°/250°	N/A	150 lbs./in.	3"	5.9"	N/A	N/A	N/A	N/A	Y	Y	N	N/A	N/A	N/A
	1	Multi	Mono	N	0.202	1.2	Poly	0°/250°	N/A	150 lbs./in.	4"	5.9"	N/A	N/A	N/A	N/A	Y	Y	N	N/A	N/A	N/A
	1	Multi	Mono	N	0.165	.91	Poly	0°/250°	N/A	150 lbs./in.	3"	5.9"	N/A	N/A	N/A	N/A	Y	Y	N	N/A	N/A	N/A
	1	Multi	Mono	N	0.128	.82	Poly	0°/250°	N/A	150 lbs./in.	3"	5.9"	N/A	N/A	N/A	N/A	Y	Y	N	N/A	N/A	N/A
	1	Multi	Mono	N	0.250	1.09	Poly	0°/250°	N/A	150 lbs./in.	3	5.9"	N/A	N/A	N/A	N/A	Y	Y	N	N/A	N/A	N/A

Common Name	ASTM Designation	General Properties	Names of Beltservice Belts of These Types
Teflon	AFMV	Excellent chemical resistance. Excellent high and low temperature properties.	White polyester teflon
Urethane	PU	Exceptional abrasion, cut and tear resistance; high modulus and hardness.	Urethane #1200; 3 Ply 1/8" Urethane x FS; Ure-clad

COMPOUND PROPERTIES

Common Name	Abrasion Resistance	Chemical Resistance	Cold Resistance	Heat Resistance	Ozone Sunlight Resistance	Petroleum Oil Resistance	Solvent Resistance	Vegetable Oil-Animal Fat Resist.	Weather Resistance
Butyl	F	E	G	E	E	NR	F-G	F	E
EPDM	F-G	E	G	E	E	NR	F-G	NR	E
Natural Rubber	E	G	E	F	NR	NR	NR	NR	F
Neoprene	G-E	G	G	G	VG	G	NR	G	E
Nitrile/Buna-N	G	G	G-F	G	F	G-E	F	E	F
PVC	G	G	F	F	G	F	F	G	G
SBR	E	G	VG	F-G	F-G	NR	NR	NR	F
Teflon	NR	E	E	E	E	E	E	E	E
Urethane	E	F	F	F	VG	F	NR	F	E
Key:	E = Excellent	VG = Very Good	G = Good	F = Fair	NR = Not Recommended				

CONVEYOR BELTING TROUBLE SHOOTING

Below are some conveyor belt problems, and some of their causes and solutions. Beltservice handles many questions regarding belting problems on a daily basis. If you are having a problem, give us a call, and we'll be happy to help.

Vulcanized splice delamination or failure

1. Pulley too small — check recommended minimum for belt
2. Belt running wrong direction — check for manufacturer's arrow or make sure leading edge of splice contacts pulley first
3. Reverse bend — use thinner belt
4. Too much tension for belt — use heavier construction

Belt does not track properly

1. Pulleys and/or idlers NOT squared
2. New belt not "run in" long enough
3. Uneven loading — load off center
4. Structure not square
5. Lacing or splice not square
6. Bow in belt

Cleats cracking at base

1. Pulleys too small

Cleat delamination

1. Pulleys too small — check minimums for cleat type
2. Return idlers hitting cleats
3. Material conveyed affecting bond (oils, acids, etc.)
4. Product overload
5. Poor tracking — cleat edges repeatedly hitting conveyor frame

Flange delamination or cracking

1. Pulley is too small — check minimum for flange height. Sipe, sipe and drill, or notch for small pulleys.

V-guide delamination or cracking

1. Pulley too small — notch for small pulleys
2. Severe misalignment
3. Wrong size cross section for pulley groove

Fastener pullout

1. Wrong size fastener
2. Fastener not installed properly
3. Obstruction touching splice area
4. Poor tracking — splice hitting conveyor frame

Severe edge wear

1. Pulleys, idlers or structure not square
2. Worn pulley lagging
3. Offset loading conditions
4. Load off center

Excessive belt stretch

1. Too much tension for belt being used — go to a stronger belt
2. Insufficient take-up
3. Overtightening of take-up

Excessive belt slip

1. Tighten take-up or pulley
2. Lag or replace worn lagging
3. Pulleys too small — not enough wrap — use lighter belt or larger pulley
4. Material spillage — lag pulleys and/or install cleaning devices

Elevator bolt pull-out

1. Bolt not tight — tighten monthly
2. Bucket hung up in boot
3. Belt tension too low causing elongation of holes
4. Adverse conditions — heat, oil, acids

HOW TO TRACK OR TRAIN A BELT

Before installing belt: ALL pulleys, snubs, idlers and structure must be square for proper belt alignment. All foreign material should be removed from pulleys and idlers. Replace lagging if needed.

Install belt: Operate under tension for a minimum of two (2) hours before making adjustments (Unless there is a severe problem). This will allow temporary mal-distribution of tension in belt to even itself out.

Adjust idlers only: Pulleys and snubs have very little positive effect in training. (Unless the problem is obvious.)

Train by knocking ahead (2° max) the end of the idler to which the belt rides. This should be done over a reasonable length of the conveyor preceding the problem area.

If the above method does not solve your problem — contact factory for further technical information.

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