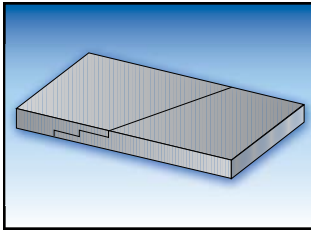
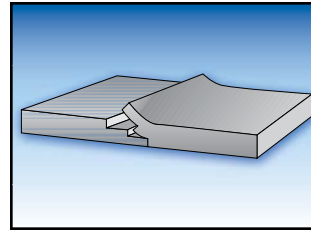


SPLICING



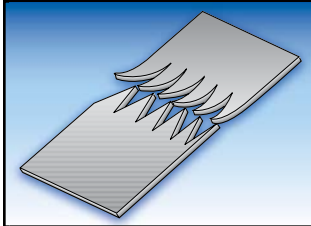
Endless - Vulcanized

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.



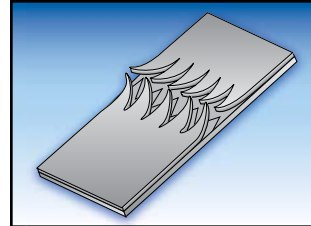
Endless - Prepared

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

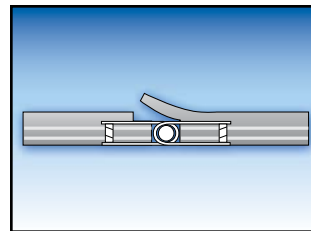
Similar to the single Finger Splice. Staggered die cut fingers are vulcanized together to create a strong, extremely flexible splice.

MECHANICAL FASTENERS



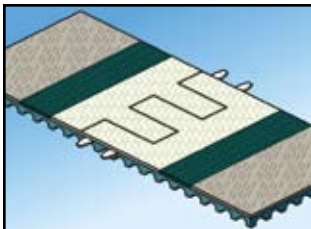
Lacing - Standard

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.



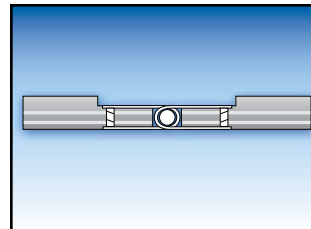
Overflap Lace

Top cover of belt is skived back and mechanical fastener installed. The overflap 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.



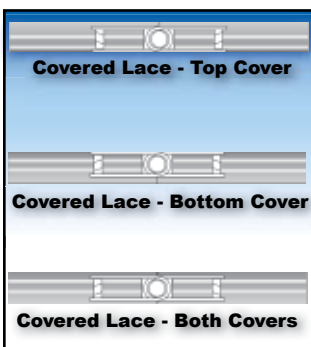
Spiral Lace

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

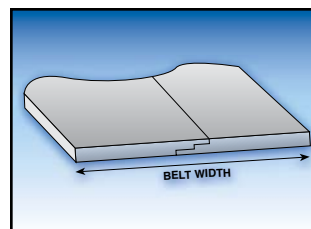
Come in white and black, non-metallic compounds for a variety of conveying situations. Fasteners feature beveled edges and counter-sunk pockets in bottom of fastener to protect rivets. Fasteners are either installed by the factory or in the field with special tools.



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

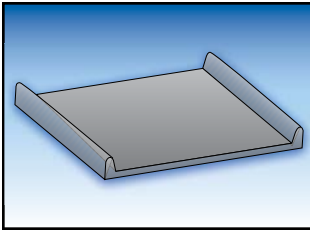


Longitudinal Splicing

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, rougtops, urethane covered, and black rubber in all thicknesses.

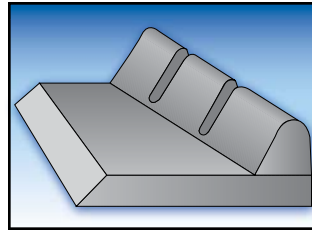
FABRICATIONS - FLANGES, V-GUIDES, AND EDGE FINISHES

FLANGES



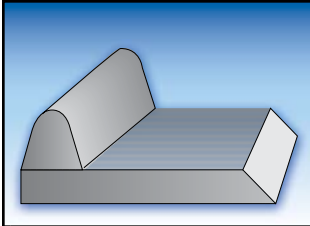
Flanges - Molded

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 - 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.

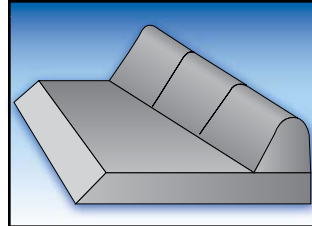


Flanges - Heights Available

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

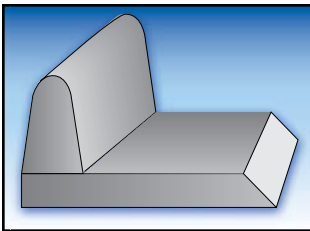
Styles Available

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.



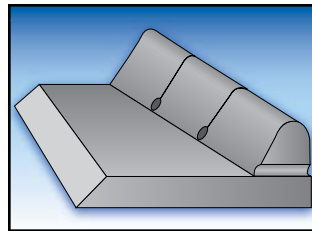
Flanges - Siped

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



Flanges - Compounds Available

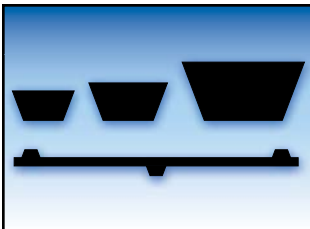
Black SBR
Black Nitrile
White Nitrile
White PVC
Black PVC
White Butyl High Heat
Black Butyl High Heat



Flanges - Siped and Drilled

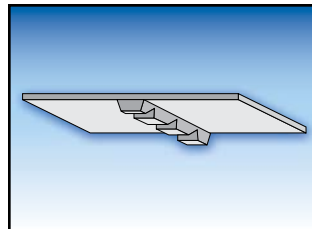
Flanges can be siped into relief holes to prevent any further action of slits to propagate into the belt cover.

V-GUIDES AND V-BELT BACKING



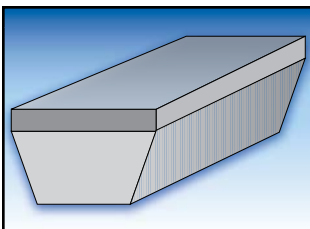
V-Guides

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.



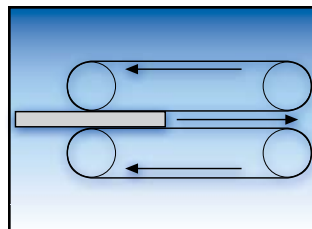
V-Guides - Notched

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

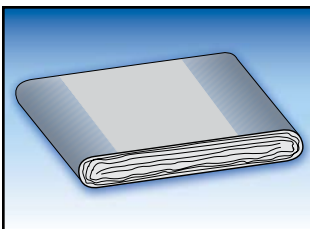
Covers of pure gum, neoprene sheet rubber, urethane, rougtop belt, white non-marking belt, etc. can be bonded to the back of V-belts.



V-Belt Backing

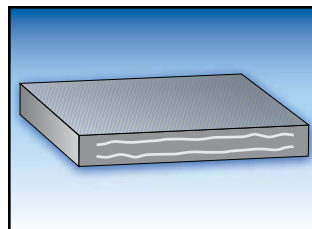
Recommended where V-belts are used as conveyor or in tandem to pull product or cable in sandwich fashion.

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.

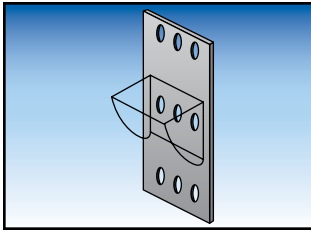


Molded Edges

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

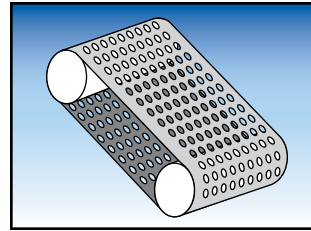
HOLE PUNCHING - PERFORATING



Hole Punching

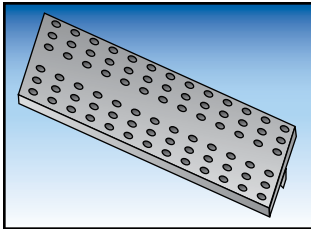
Automatic punching assures clean-cut, tight-fitting bolt holes with accurate spacing for the buckets on elevator belting with fast deliveries.

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



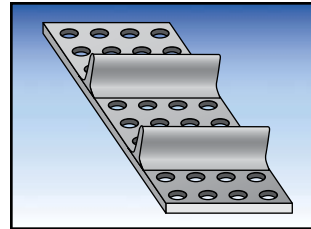
Perforating

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

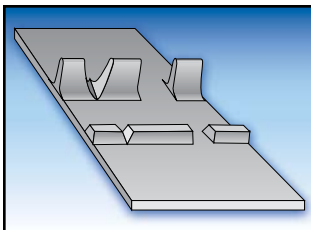
V-guides can be placed on a perforated belt to aid in tracking. The entire belt can be perforated, leaving a small strip onto which the V-guide is fastened. Used in vacuum and in drainage applications.



Perforated Cleated Belt

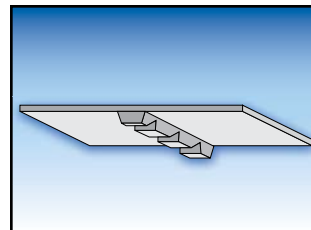
Perforated belt can be combined with cleats to create a vacuum belt or a belt that can drain a product while conveying on an incline. Perforations can be of any size and cleats on any centers. Slots available.

NOTCHING



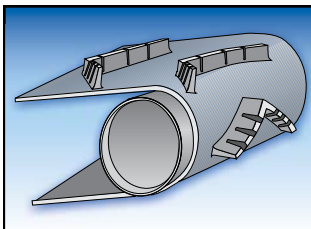
Notching - Cleats

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



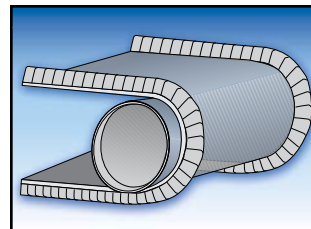
Notching - V-Guides

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



Notching - Chevron Cleats

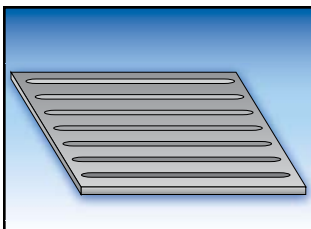
Notching chevron patterns allows the use of the belt on smaller diameter pulleys. Belts with notched chevrons are often known as "roofers' belts."



Notching/Siping - Flanges

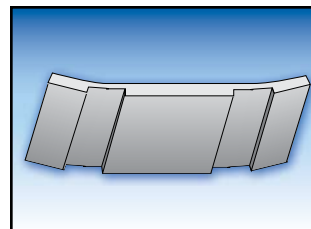
Notching of a flanged belt enables a flanged belt to operate on smaller diameter pulleys.

GROOVING



Grooving -- Lateral

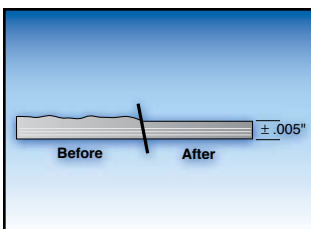
Grooving across the width of the belt can be used to convey liquid or other free-flowing material.



Grooving -- Longitudinal

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

PRECISION GRINDING

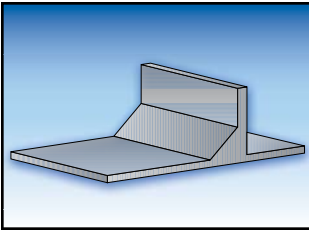


Precision Grinding

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.

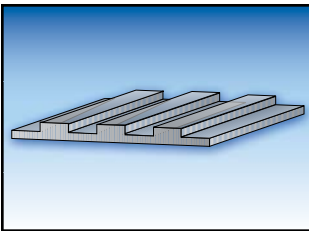
Precision Ground Silicone Top Cover Belts are used for hot wire sealing applications, balloon manufacturing, and plastic bag manufacturing. Covers are available in a variety of colors and thicknesses. Basic specifications include:
 • Colors: Cover Red, White, or Aqua - other colors available; base belt: 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



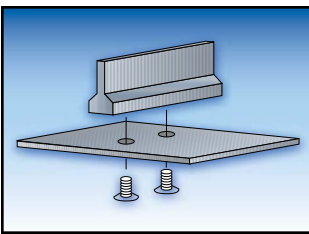
Urethane Standard Cleat

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.



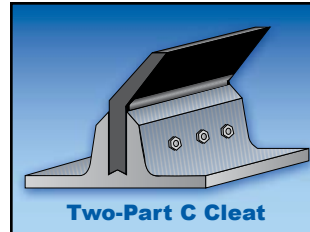
Urethane Square/Rectangular Cleat

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

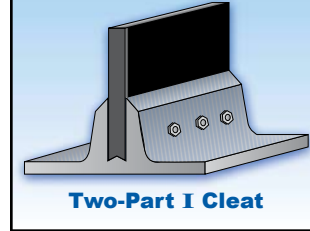


Urethane Bolt-On Cleat

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.



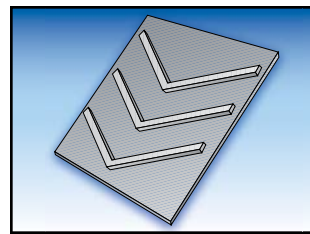
Two-Part C Cleat



Two-Part I Cleat

Urethane Two-Part Cleat

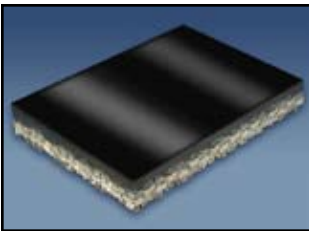
For heavy-duty, high capacity applications. Unique two-part construction consists of a rubber "foot" hot molded to the base belt, and a bolted-in urethane cleat. Cleat can be replaced in high-wear applications. Heights from 5" to 15-1/4".



Urethane Chevron Cleat

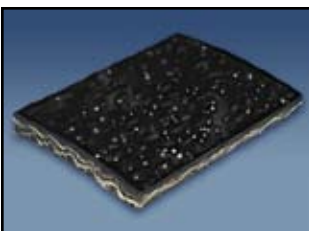
A wide variety of custom incline patterns are available for durable incline conveying. Call for details.

URETHANE SPECIALTIES



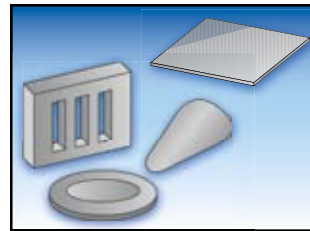
Urethane-Covered Belt

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



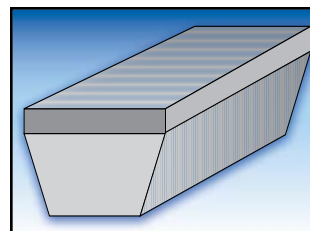
Ure-Clad

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.



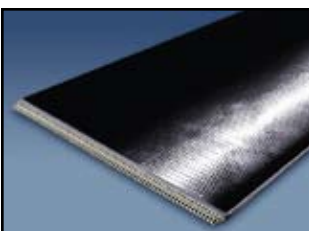
Urethane Sheets/Molded Parts

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.



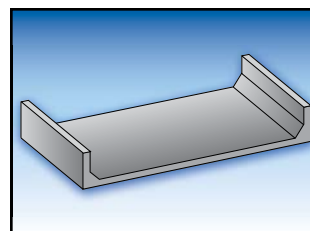
Urethane V-Belt and Timing Belt Backing

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.

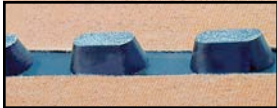
FABRICATIONS - URETHANE SEGMENTED V-GUIDES, SPECIALTY FABRICATIONS & AIR PERMEABLE FABRICS

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



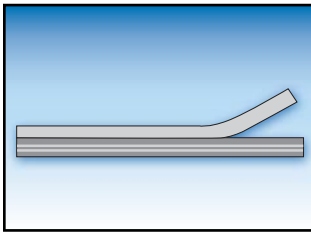
Segmented "B" V-Guide



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

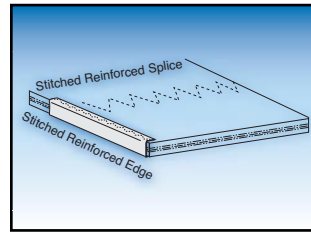
- Flexibility makes these perfect for smaller pulleys.
- Extremely resistant to abrasive applications.
- Because the guide is segmented, it provides protection against complete guide failure.
- Available in 3 profiles: **A (1/2" wide x 5/16" high)**
B (5/8" wide x 1/2" high)
C (7/8" wide x 5/8" high)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

SPECIALTY FABRICATIONS



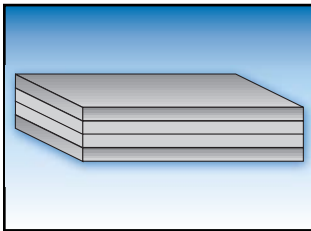
Custom Covers

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.



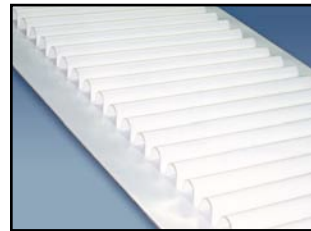
Stitching

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

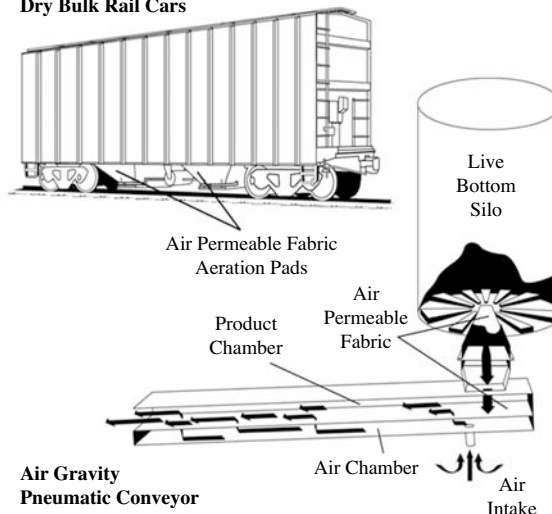
Air Permeable Fabrics

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