

## Avalani Enterprise

23, STRAND ROAD, KOLKATA - 700 001 (INDIA)

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info@avalani.net

# Sumoflex

## Specialty Belt

### Specialty Fabrications and Specialty Belts

#### Specialty Fabrications

	<p><b>Custom Covers</b> 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.</p>	<p><b>Stitching</b> Stitching is available to strengthen the lap area of a belt or to attach a fabric covering to protect the belt edge.</p>	
	<p><b>Laminations</b> Cured rubber, rubber belting or belting and rubber in various combinations can be vulcanized or bonded together to create thick pads and blocks.</p>	<p><b>Folder Belts</b> Specialty endless belt designed for automatically folding sheets, napkins and other linens. Loops of vinyl material are welded to a vinyl belt to create soft, flexible "fingers" for grabbing and folding.</p>	

#### Specialty Belts

	<p><b>Solid Waste Disposal Belts</b> Sumoflex 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.</p>	<p><b>Urethane Cleated Belt for Small Pulleys and Nose Bars</b> Fabricated belt for applications requiring a cleated belt that must operate on very small pulleys. Urethane belt and cleats are resistant to abrasion. Cleats are welded into the belt, making it virtually impossible to pull off cleats. Cleats up to 96" wide.</p>	
	<p><b>Trencher Belt</b> A very popular replacement item also known as 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.</p>	<p><b>Cold Planer (Road Scalper) Belts</b> 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.</p>	

#### Non-Woven Polyester Air Fluidizing Membrane

Air permeable membrane designed specifically for fluidizing dry powders. Air permeable fabrics work on the principle that powders, when unsettled by a stream of air, will fluidize and float downhill like a liquid.

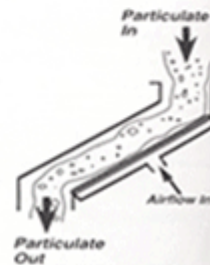
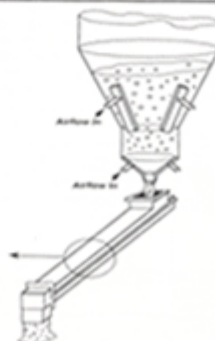
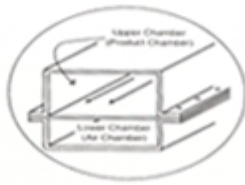
Unique construction allows for even, consistent air flow. There are no dead spots where the product conveyed can settle and abrade the fabric.

This product is extremely easy to use. It has significant lateral rigidity, so it doesn't have to be pulled tight like conventional solid woven material, increasing the life of the fabric. It is also easy to cut into complex shapes for bends and for aerating pads.

Common applications are as gravity conveyors, fluidized tank trailers, railroad hoppers and storage silos.

16a 1/4" .5 CFM Rated

16b 1/4" 1.5 CFM Rated



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## Speciality Belt

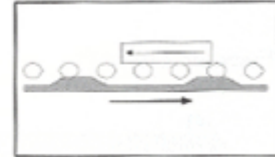


### Sizing Belts

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 drives them, which propels a unit load forward. Available in rubber or low durometer urethane.

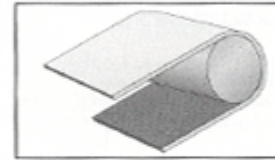


### Potato Belt

A large quantity of replacement flat belt and cleated belt is found in the potato producing industry used on harvesting equipment.

### 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.

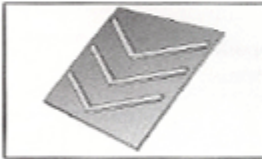
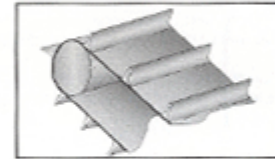


### Roofers Belt

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

Sumoflex 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. Constructions of FDA materials appear on USDA accepted equipment list.



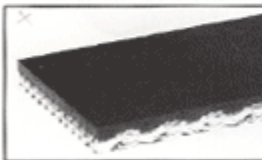
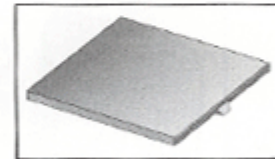
### Scrap Metal Belt

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.

### 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 rough top textures.



### Ure-Clad

Also known as "the Ugly Belt", this belt features tough PVC 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.

### Power Turn Belts

These belts allow the transfer of products at 45° to 180° turns. Power turn belts usually feature a hot-welded seamless splice and often include guide rollers.

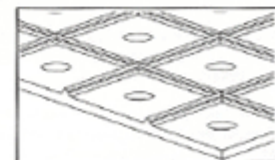


### Silicone Covered 3 and 4 Ply Hot Stock and Water Belt

This belt was specially designed for applications requiring release of wet, sticky products such as uncured rubber and PVC. Original application was for the tire manufacturing industry. Two weights are available for various conditions.

### Wide Belt Sander Belts

Sumoflex 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, rough top and diamond top.





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## Speciality Belt

### Feeder Belts



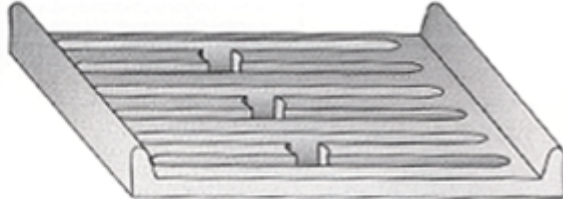
Sumoflex manufactures a complete line of replacement belts for the most common machines on the market. Belts are available with or without flanges and bottom guides.

Flanges range from 1/2" to 2" tall and can be siped or notched for use on smaller diameter pulleys. Corrugated sidewalls from 1" to 16" are available for extra-large feeders.

Feeder belts are vulcanized endless for accuracy or feature mechanical fasteners for quick installation and change out.

For plants with a variety of feeders of different lengths, bulk quantity feeder belt is available, ready to be cut to size.

### 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. Sumoflex filter belts feature rugged flanges, precision grooving, and clean perforations.

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.

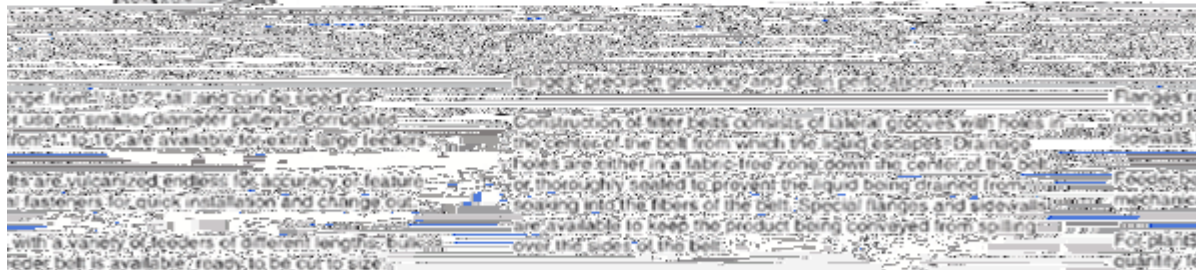
A premium belt for this demanding application.

### Blast Cleaning Tumbling Belts



### Magnetic Separator Belts

#### Suspended Magnetic Separator machine



### Cleaning-Tumbling Belts

### Magnetic Separator Belts

### Blast



#### Suspended Magnetic Separator machine

