

METAL CONVEYOR BELTS & ACCESSORIES



MAR-CON
— Wire Belt —

MAR-CON WIRE BELT

In our near half-century of business, Mar-Con has delivered millions of square feet of top quality metal belting to a wide range of industrial and food processing operations. In addition to our products, we provide technical support, servicing information and new belting design. We have helped shape the belting industry since 1976 and plan to continue to do so for the next 50 years.

Give us a call to see how Mar-Con can assist in your production needs!



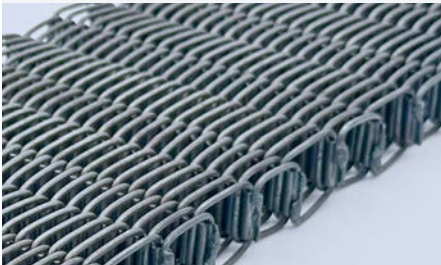
EQUALIZED WEAVE



Equalized Weave is the most common style of conveyor mesh used. It consists of alternating Right-hand and Left-hand spirals joined together with either a crimped or straight connector wire.

Equalized weave has many benefits: it is easy to repair, assemble, and disassemble; It is adaptable to a wide variety of opening sizes and wire gauges; All wire materials available may be used; The alternating left-and-right spirals make this type of belt easy to track in friction drive (pulley driven) applications; Operation is very sanitary; Durability is high.

SPECIAL FORMS



Mar-Con Square Weave is assembled with flat connector strips instead of the crimped wires normally used. The flat strips allow the use of a spiral that forms a nearly perfectly flat surface. This allows the removal of products that may have a tendency to stick. Additionally, the load of the product is more evenly distributed, reducing the possibility of marking on soft products.



Mar-Con Baking Band is used in applications that require an extremely flat surface and very little open area. It consists of standard Equalized style spirals interwoven so that 3 or 4 spirals overlap. Baking Band style mesh is commonly found on cookie and cracker baking ovens, fried pie lines, tortilla bakers, glass lehrs, can accumulators and many other applications.

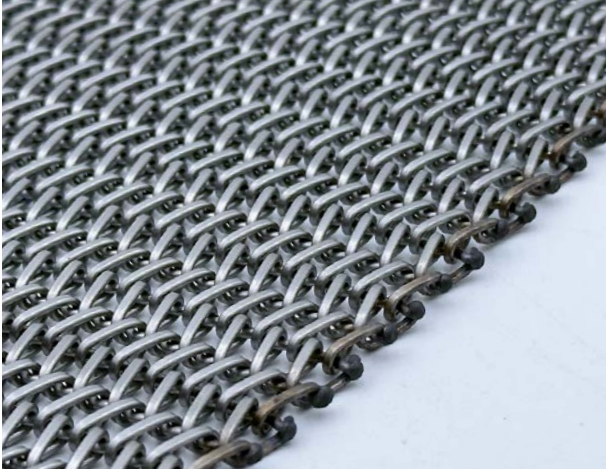
CONVENTIONAL WEAVE



Mar-Con Conventional Weave Mesh Consists of a series of all Right-hand or all Left-hand spirals looped together in a manner similar to that of a chain link fence.

Mar-Con Conventional Weave mesh has been used on battering machines, filters, de-watering belts, sizers, irrigation screens inspection belts freezers, baking ovens, tempering ovens, and many other applications.

PRECISION BELTING



The precision series of belting is a complete package of pre-engineered and custom designed mesh belts and positive drive sprockets and machined rolls.

The positively driven belts feature maximum drive engagement through unidirectional teeth which provide a self cleaning action to remove any material or debris from the belt/drive engagement. The exact matching of sprocket teeth with mesh pitch allows for the truest tracking belt. The flatness of the mesh provides for a stable product carrying surface.

PRECISION SPROCKETS & MACHINED ROLLS



The precision series of sprockets and machined rolls are available in Stainless Steel, UHMW and Acetal Plastic. Progressively machined teeth are engineered to accommodate for thermal expansion and contraction.

EYE-LINK BELTING



Eye-link belting offers a flat, stable surface that merges with the dimensional stability and durability qualities of metal, making them ideal for conveying heavy loads and delicate or unstable products that rely on solid support from the conveyor belt.

Eye-link Belting is suitable for many applications and processes, for example: baking, cooling, freezing, cooking, deep-frying, and many more.



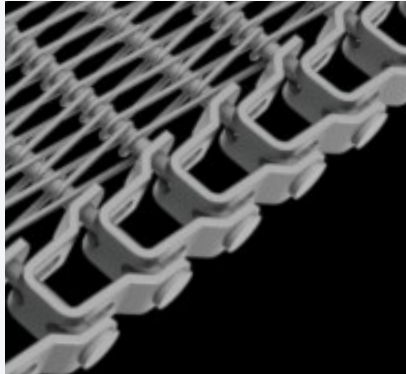
SPIRAL FREEZER BELTING



Mar-Con Spiral Freezer Belting is designed to be used in applications where the conveyor belt must travel in a curved rather than a straight path. It consists of a series of cross connector rods with special collapsible chain links along each edge.

Mar-Con Spiral Belting can turn both left and right corners with the same belt, eliminating the product transfers needed with some other types of corner conveyors. This works extremely well when you find that a structural column or other obstruction is right where you needed the conveyor to pass.

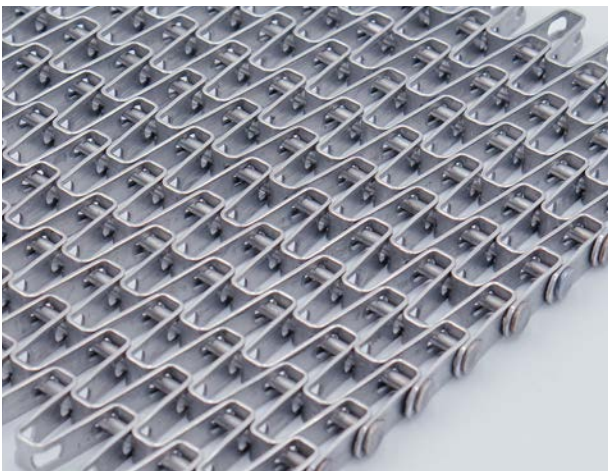
SPIRAL FREEZER LINKS



Mar-Con spiral freezer links are specially design for turning belts. Turn ratios as tight as 1.6 can be achieved. Links are available in .75-inch, 1-inch, and 1.5-inch pitch standard or heavy duty links.

Mar-Con spiral freezer links are also offered with integrated guard-edges for product retention purposes.

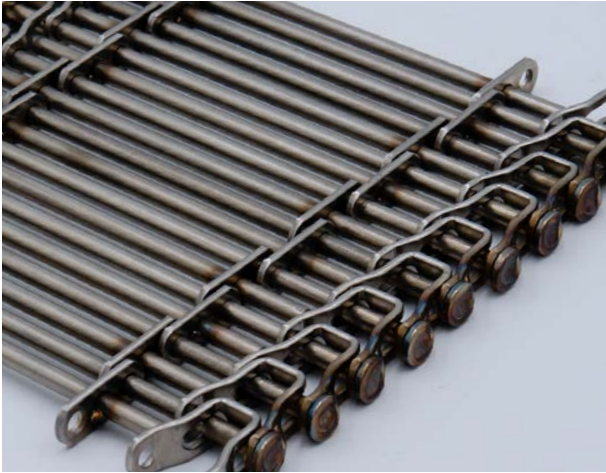
FLAT WIRE BELTING



Mar-Con Flat Wire Belt is an inexpensive, yet rugged style of conveyor belt. It consists of a series of flat strips, bent into a zig-zag shape, and held together with a cross-connector wire.

The ruggedness of Flat Wire Belt lends itself to high abuse applications where a non-precision belt can be used. Flat Wire has been used on rock traps, fertilizer spreaders, corn wilters, blanchers, transfer belts, fish freezers, bag fillers, and many other applications.

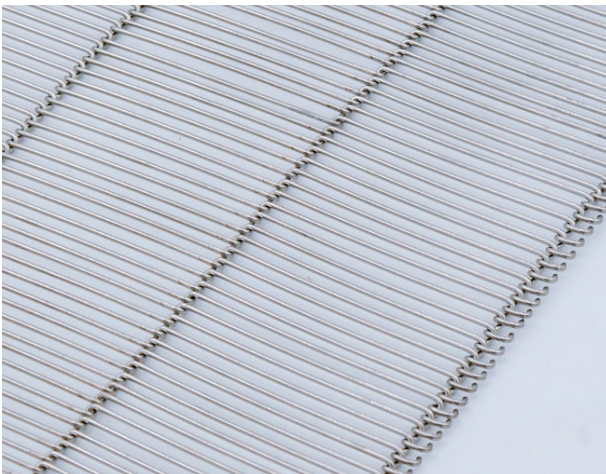
MAR-CON BATTER BELTING



Mar-Con Batter Belting is specifically designed for high volume batter and breading operations. It has a high percentage of open space to allow the excess batter to fall through but still support the product.

Mar-Con Batter Belting is normally used on battering machines. High speed battering machines are best for high volume products such as french fries and chicken nuggets.

LIGHT WIRE BELTING



Light Wire belting is a very lightweight style of metal belting designed for applications that require a large opening and an inexpensive form of belt. Light Wire Belting consists of a series of farmed wires, woven together in a fashion similar to knitting.

Light wire belting is commonly used on pizza ovens, potato forming machines, battering equipment, and other light duty applications.

MAR-CON PLATEVEYOR

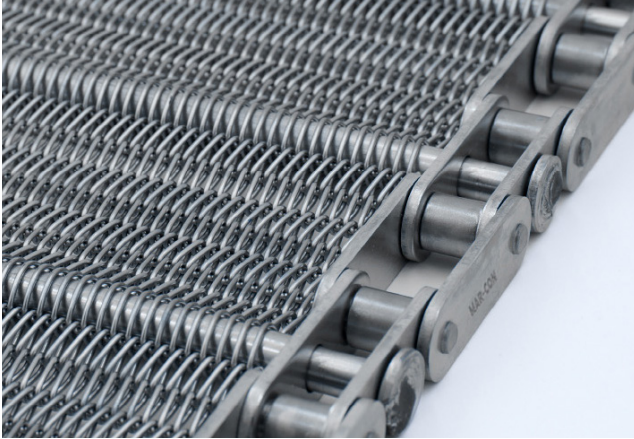


The Mar-Con Plateveyor is a special conveyor system made up of sheet metal plates and standard conveyor chain. It is one of the strongest and flattest conveyor available.

The Mar-Con Plateveyor is used wherever an extremely flat surface is needed, heavy loads are to be carried, or an extremely high level of cleanliness must be maintained.



CHAIN DRIVE BELTING



When looking for the strongest pull tension relative to belt/chain weight in a straight line application, chain drive conveyors are the product of choice. Chain drive conveyor belts provide high tensile strength and good durability under severe loads. Applications requiring indexing or synchronization are most suitable for chain drive systems due to their uniformity in pitch. Many variations of woven mesh belt can be incorporated into a chain driven conveyor to provide a smooth positively driven ride.

SPROCKETS



In positively driven conveyor systems sprockets are used to ensure smooth movement, precise alignment and slip free connection to the conveyor belt.

Mar-Con provides sprockets and toothless idlers in cast iron, cast or machined stainless and machined UHMWPE.

CUSTOM FABRICATIONS & ACCESSORIES FOR BELTING



Additional accessories and fabrications may be added to the conveyor belt to increase performance characteristics of the belt such as:

- Flights, Sideplates, Dividers
- Upturned Edges
- Retention screens, Ash screens



APPLICATIONS

SUBMERGER BELTS



Submerges and pushes the product into the oil to get a better fry on product

- Positively driven to prevent slippage and tracking issues
- Engineered to order flights and attachments to achieve the ideal submerging of products

TAKE OUT FRYER BELTS



Pulls the product out of the fryer and oil

- Allows oil drainage from product as its being conveyed
- Positively driven to prevent slippage and tracking issues

TUNNEL FREEZER BELTS



Pulls product through a tunnel freezer for IQF product freezing

- Mar-Con only uses premium tier #1 2060, 2080 & 2100 series roller chain for these extreme negative temperatures and environment

BLANCHER BELTS



Product is pulled through the hot water to get blanch

- Engineered positively driven belt are used in this application to prevent slippage and tracking issues

OVEN BELTS



Used to convey product through an oven

- Chain drive, flatwire, precision and friction driven equalized weave are used in this application
- High Carbon Steel is mostly used for its even temperature baking surface

SHEETER BELTS



Feeds the product into the oven

- Friction driven, magnetically driven and sprocket driven belts are used in this application
- T430, T304, HCS and Galvanized are used depending on sheeter and product



COOLING BELTS



Used to convey cool product after baking or frying

- Sprocket driven open equalized weave belts are used for the cooling of product

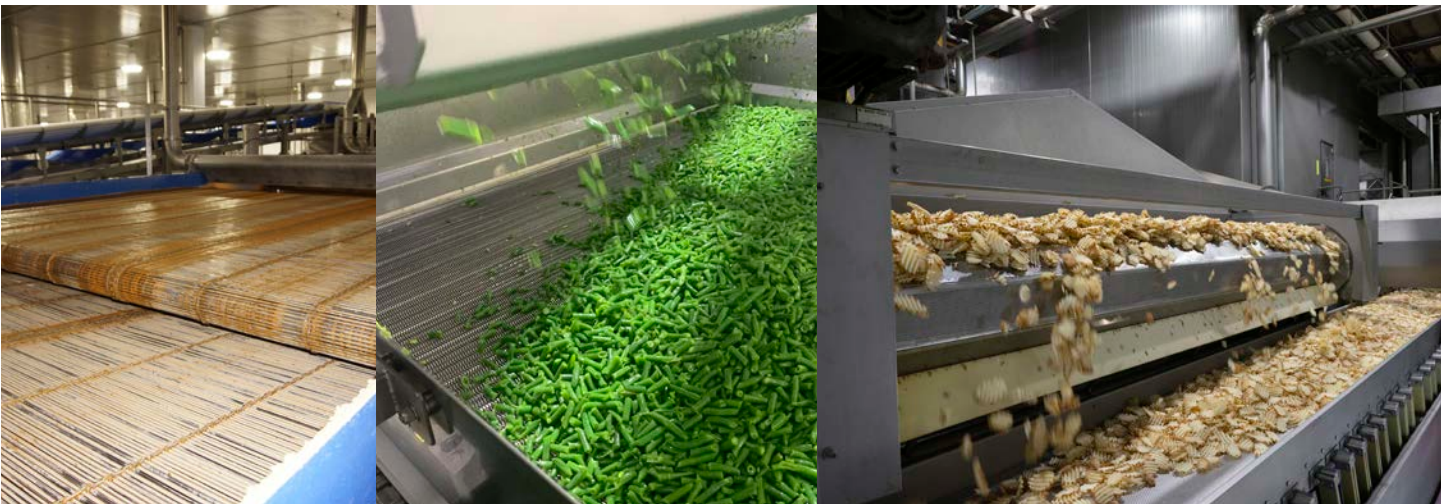
POCKET BELTS



Used in transferring product up steep inclines and declines

- Engineered equalized belt are manufactured with pockets that allows the product to be carried
- Best for inclines
- Special clovers wheels are used on drive shaft to push pocket up to release product
- Engineered to be self-supporting
- Chain driven

AND MANY MORE...



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