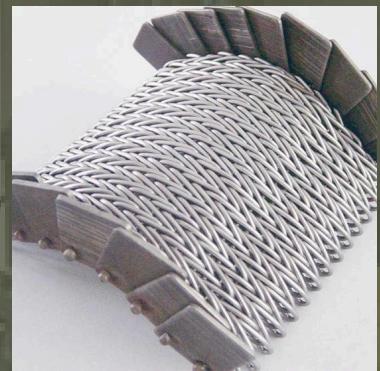




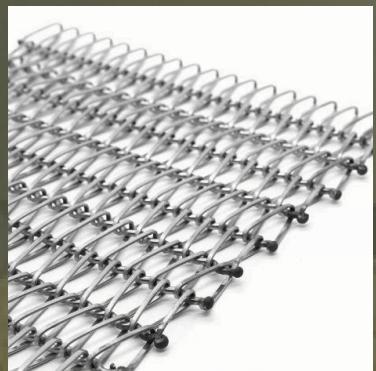
S.A.U.R.A.F
Industries

S.A.U.R.A.F

HEAT AND CONTROL



Herringbone



Flat wire



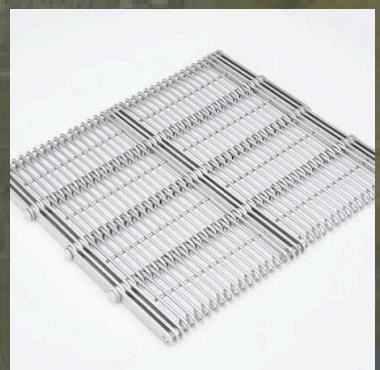
Balanced wave



S-hooked



Chain driven



Eyeflex



Flat flex



Simplex flex



Honeycomb



90°-Curved



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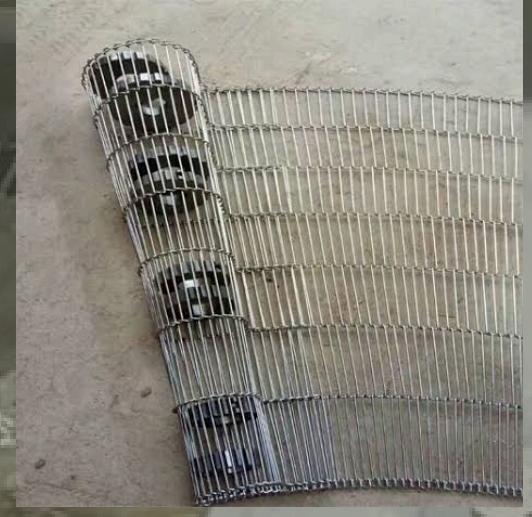
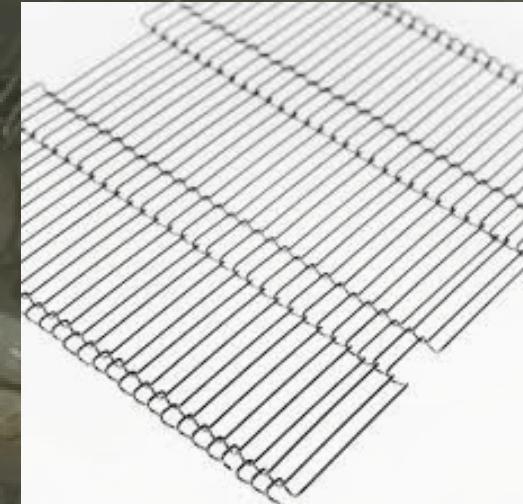


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Flat flex curved



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Flat flex wire conveyor belt



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- Construction: Made from a series of interwoven wires that create a tight, flat surface.
- Material: Typically constructed from stainless steel or other corrosion-resistant metals.
- Flexibility: Highly flexible, allowing them to move smoothly around curves and through complex machinery.
- Open Area: Typically have a smaller open area compared to flat flex belts, which allows for more precise handling of smaller or delicate items.

Application:

- Chocolate coating
- Heat treatment
- cooling
- Filtration
- Food processing
- Baking



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Heat treatment wire conveyor belt



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Industries

SAURAF INDUSTRIES specializes in manufacturing heat treatment furnace mesh belts designed for high-temperature industrial processes. Our belts are crafted from durable materials such as stainless steel, Inconel, and Nichrome, ensuring resistance to extreme heat and corrosion. The mesh design allows for excellent airflow and heat transfer and can be customized to fit specific furnace requirements.

Application:

- Annealing: Enhancing ductility by softening metals.
- Tempering: Adjusting mechanical properties through controlled heating and cooling.
- Sintering: Fusing powdered materials into solid forms without melting.



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Heat treatment wire conveyor belt



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Industries

At SAURAF INDUSTRIES, we offer a range of customizable dimensions for our heat treatment furnace mesh belts to meet the specific needs of various industrial applications. Here are some common dimensions:

Width

Standard Widths: Typically range from 100 mm to 1500 mm (4 inches to 60 inches)

Custom Widths: Available upon request to fit specific furnace designs

Length

Standard Lengths: Varies based on application; typically between 10 meters to 100 meters (33 feet to 330 feet)

Custom Lengths: Can be tailored to fit the specific conveyor system

Application:

- Annealing: Enhancing ductility by softening metals.
- Tempering: Adjusting mechanical properties through controlled heating and cooling.
- Sintering: Fusing powdered materials into solid forms without melting.



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Annealing Lehr wire conveyor belt



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Industries

At SAURAF INDUSTRIES, our annealing lehr wire mesh belts are designed for the specific demands of annealing processes in glass and metal industries. These belts are engineered to provide consistent and uniform heat distribution, ensuring high-quality results.

Common Dimensions

- Width: Typically ranges from 100 mm to 2000 mm (4 inches to 79 inches).
- Length: Varies based on application; custom lengths available.
- Wire Diameter: Usually between 1 mm to 4 mm (0.04 inches to 0.16 inches) depending on load requirements.
- Mesh Opening: Generally between 5 mm to 50 mm (0.2 inches to 2 inches), customized based on specific process needs.

Application:

- Glass Industry: Used in annealing lehrs to gradually cool glassware, preventing stress and ensuring strength.
- Metal Industry: Ideal for annealing metal parts, improving ductility, and reducing hardness.



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Laminated Wire Link Conveyor Belt



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Industries

At SAURAF INDUSTRIES, our laminated wire link conveyor belts are designed for heavy-duty applications where strength, durability, and smooth operation are essential. These belts are ideal for industries that require reliable and robust conveying solutions, such as food processing, automotive, and material handling.

Common Dimensions:

- Width: Typically ranges from 150 mm to 2500 mm (6 inches to 98 inches).
- Length: Customizable to meet specific conveyor system requirements.
- Wire Diameter: Generally between 1 mm to 5 mm (0.04 inches to 0.20 inches), depending on application needs.
- Pitch: Standard pitch sizes range from 10 mm to 50 mm (0.4 inches to 2 inches) for different operational requirements.

Application:

- Food Processing: Suitable for cooling, baking, and freezing applications.
- Automotive: Used in heat treatment and paint drying processes.
- Material Handling: Ideal for conveying heavy loads in various industrial environments.



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