

SOUTHEDGE

CONSULTANT SOLUTIONS

Industrial Conveyor & Transmission Solutions



SOUTHEDGE **PRODUCT CATALOGUE**



www.southedge.in

WHO WE ARE

About SouthEdge Consultant Solutions



SouthEdge Consultant Solutions is a professional industrial engineering solutions company, specializing in conveyor belts, power transmission systems, filtration technology and material handling components for manufacturing industries across India.

With over 15 years of applied engineering experience, we help OEMs, plant heads and procurement teams select the right product for the right application — backed by a global supplier network, genuine imported materials and dependable technical support at every stage of the project.

We work closely with OEMs, system integrators, distributors and end users across Food Processing, Pharmaceuticals, Packaging, Automotive, Textiles, Logistics and Industrial Manufacturing — delivering not just products, but complete engineered solutions.

OUR VISION

To be India's most trusted industrial conveyor solutions partner through innovation and engineering excellence.

OUR MISSION

To deliver application-engineered conveyor solutions with quality products, technical expertise and lasting partnerships.

OUR ADVANTAGE

Why Choose SouthEdge

1

One Requirement – Multiple Global Brands

2

Technical Selection Support

3

Engineering Consultation

4

Genuine Imported Products

5

PAN India Supply

6

Fast & Reliable Delivery

7

Reliable Technical Support

8

Custom Conveyor Solutions

A Single Point of Contact for Complete Conveyor Engineering

From product selection to after-sales support — one partner, every stage of your project.

SECTORS WE POWER Industries We Serve

F

Food

B

Bakery

B

Beverages

M

Meat

S

Seafood

D

Dairy

T

Tea

T

Textile

P

Printing

P

Packaging

A

Automotive

L

Logistics

A

Airport

P

Pharmaceutical

W

Warehousing

F

FMCG

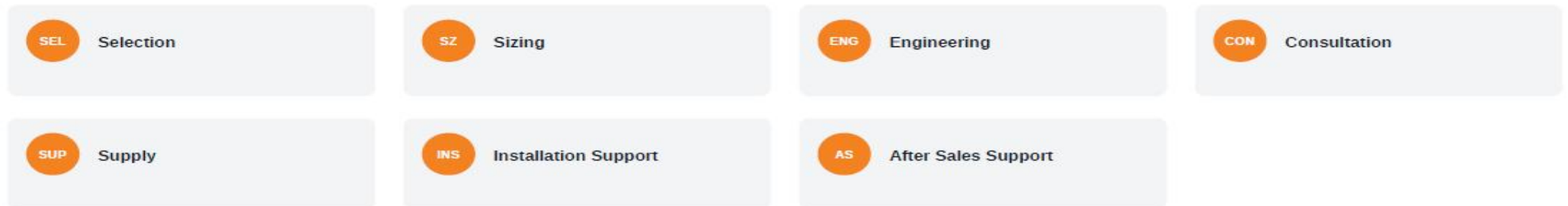
OUR PROCESS

How We Work



FULL-SCOPE ENGINEERING SUPPORT

Complete Engineering Solutions



CONVEYOR BELT SYSTEMS

PVC Conveyor Belts

Superior Durability · Precision Material Handling · Long Service Life



Premium PVC and Laminated PVC Conveyor Belts engineered for efficient material handling across diverse industries. Engineered for durability, flexibility, and excellent resistance to wear, moisture, oils and chemicals.

SPECIFICATIONS

Surface Profiles	Multiple options
Width	Up to 3,000 mm
Roll Length	Up to 100 m
Thickness	1 – 12.5 mm
Ply	1, 2, 3 & 4 Ply
Accessories	Cleats, Sidewalls, V-Guides

WHY CHOOSE THIS PRODUCT

- ☐ Longer Belt Life
- ☐ Better Tracking
- ☐ High Performance
- ☐ Easy Cleaning
- ☐ Lower Maintenance
- ☐ Reliable Operation

APPLICATIONS

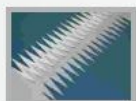
- Food Processing
- Logistics
- Warehousing
- Packaging
- General Industry
- Manufacturing



Type of Joints:



Single Finger



Double Finger



Overlap Joint



Pin Joint

Type	Item	Top(u)	Bottom(s)	Hight(t)	Weight(g/m)	Shape
V - Guide	V-6	6	4	4	30	
	V-10	10	6	6	60	
	V-13	13	8	8	100	
	V-17	17	11	9	150	



HYGIENIC BELTING

FDA Compliant Conveyor Belts

Maximum Hygiene · Food & Pharma Grade



Designed for food processing and pharmaceutical industries, manufactured to meet FDA and HACCP requirements to ensure hygienic, safe and efficient product handling in demanding production environments.

SPECIFICATIONS

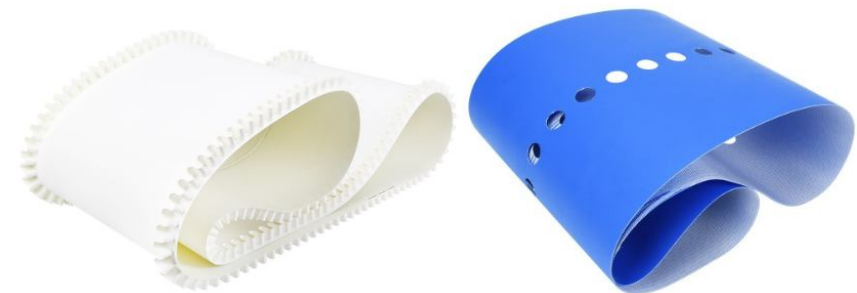
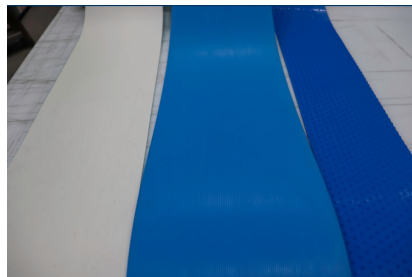
Material	PU, PE, SI (Silicone)
Thickness	0.8 – 4 mm
Ply	1, 2 & 3
Width	Up to 3,000 mm
Length	Up to 100 m
Surface Finish	Matt, Glossy, Fabric, Diamond

WHY CHOOSE THIS PRODUCT

- ☐ FDA Approved
- ☐ Low Noise
- ☐ Energy Saving
- ☐ Easy Cleaning
- ☐ Flame Retardant
- ☐ ESD Property

APPLICATIONS

- Bakery
- Packaging
- Pharma
- Food
- Automotive
- FMCG



STONE PROCESSING

GRANITE, MARBLE & STONE CONVEYOR BELTS

Custom Engineered • High Strength • Long Service Life



HIGH
STRENGTH



SUPERIOR
GRIP



RELIABLE
PERFORMANCE



LONG
SERVICE LIFE



Low Stretching Belt with
Tenacity Teeth Top Profile



Low Stretching Belt with
Lozenge Top Profile



Low Stretching Belt Used on
GANGSAW Machine

Specially engineered conveyor belts for the Granite, Marble, Quartz, Ceramic and Stone Processing industries – delivering superior grip, durability and reliable performance in demanding processing applications.

SPECIFICATIONS

PROPERTY	SPECIFICATION
Thickness	7 – 12.5 mm
Construction	3 Ply & 4 Ply
Temperature Range	-15°C to +90°C
Max Belt Width	2,200 mm
Belt Tension	121 N/mm (1% elong.)
Special Property	Anti-Static

WHY CHOOSE THIS PRODUCT



Longer Belt Life



Easy Cleaning



Better Tracking



Lower Maintenance



High Performance



Reliable Operation

APPLICATIONS



Granite
Processing



Quartz
Processing



GANGSAW
Machines



Marble
Processing



Ceramic
Processing



Slab
Polishing

QUARTZ PRESS BELTS



TOP SIDE

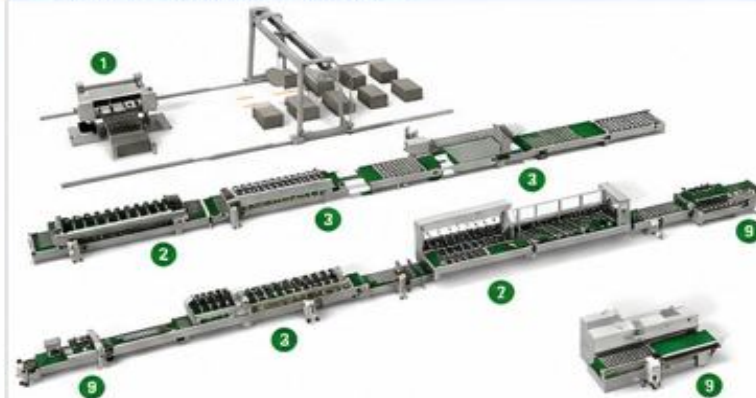


BOTTOM SIDE



CROSS SECTION VIEW

STONE PROCESSING APPLICATIONS



1 Block Cutting

2 Slab Calibration

3 Slab Polishing

4 Transversal & Longitudinal Cutting

5 Splitting

6 Calibration and Polishing

7 Transversal & Longitudinal Cutting

8 Chamfering

9 Edge Polishing

POULTRY & EGG HANDLING PP Poultry Manure & Egg Collection Belts

Efficient & Reliable Poultry Waste and Egg Handling

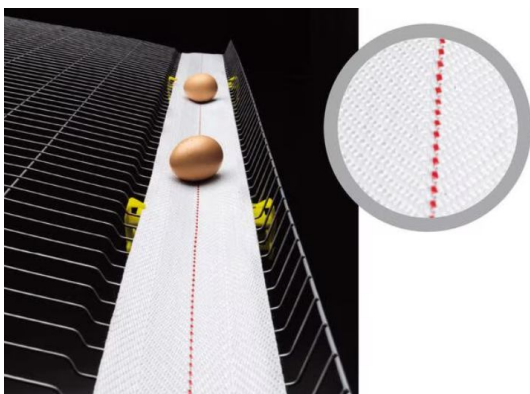


Our **Manure Cleaning Belts** are designed for efficient and hygienic manure removal in modern poultry and livestock farms. Manufactured from high-quality **PP (Polypropylene)** and other durable materials, these belts provide excellent strength, heat-resistant, making it suitable for high-temperature environments and long service life while reducing labour costs and improving farm productivity.

Belt Thickness	1mm-3mm
Material	Polypropylene
Belt Width	500-2200mm
Usage/Application	Poultry Farm
Features	High Quality
Packaging Type	HDPE
Application Area	Poultry Farm
Length Of Belt	As per requirements



EGG Collection Barbieri Conveyor PP Belts



An egg collection belt is an automated, continuous conveyor system used in poultry farming to transport eggs safely from laying cages to a central collection area. These belts are typically made of soft, durable materials like polypropylene, polyester, or nylon, and help minimize egg cracking while drastically reducing labor costs

PRODUCT INFORMATION	
Material	Polyester & Polypropylene
Pattern	Woven
Color	White with center and side lines
Specifications	Width: 95 to 120 mm approx. or customizable Thickness: Approximately .1.3mm to 1.5mm approx.
Strength	Good Strength
Packing	One Box 4 Rolls Packing and one roll approx-100 meters. (1 Box containing = 400 meters aprox.) export grade carton box packing with waterproof white hdpe poly clothe covered.
Usage	Usage in Poultry Farms for eggs collecting /conveyer belt in assembly line.

Bucket Elevator Belts

Reliable Vertical Material Handling Solutions



SouthEdge supplies premium Bucket Elevator Belts designed for efficient vertical conveying of bulk materials. PVC/PVG belts feature a high-strength solid woven carcass offering excellent durability, tear resistance and superior bolt holding.

SPECIFICATIONS

Colour	White, Black, Green
Temperature	15°C to +85°C
Tensile Strength	≥480 to ≥1080 N/mm
Construction	Solid Woven Carcass
Properties	Anti-static, Fire-resistant
Resistance	Abrasion, Oil, Chemical

WHY CHOOSE THIS PRODUCT

- ☐ Longer Belt Life
- ☐ Better Tracking
- ☐ High Performance
- ☐ Easy Cleaning
- ☐ Lower Maintenance
- ☐ Reliable Operation

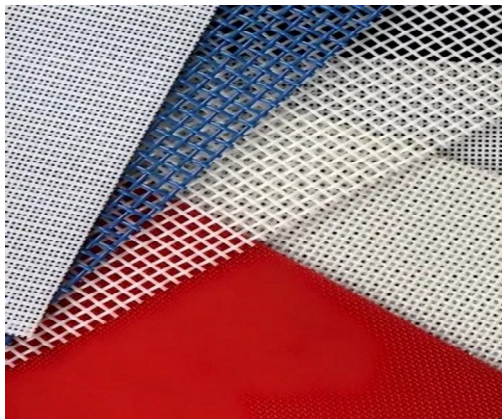
APPLICATIONS

- Grain Handling
- Chemical Processing
- Bulk Material Transport
- Cement Plants
- Agriculture



Industrial Mesh Conveyor Belts

Engineered for Drying, Cooling, Heating & Process Conveying



Imported Germany-make Industrial Mesh Conveyor Belts for applications requiring superior airflow, drainage, heat transfer and product stability — including PES Mesh, Spiral Mesh and PTFE (Teflon) Mesh Conveyor Belts.

SPECIFICATIONS

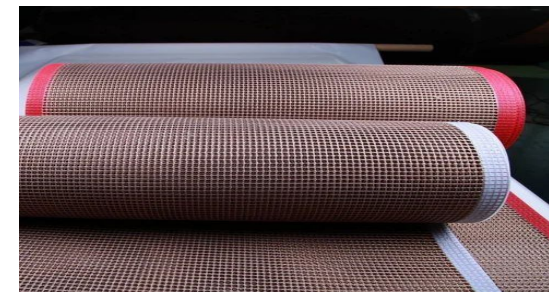
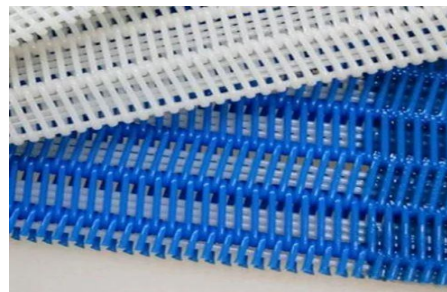
Mesh Openings	0.5, 1 & 2 mm
Width	Up to 3,000 mm
Roll Length	Up to 100 m
Edge Finish	Plain / Reinforced
Material	PES Monofilament Spiral
Air Permeability	18,500 m ³ /m ² /hr

WHY CHOOSE THIS PRODUCT

- ☐ High Airflow
- ☐ Reliable Performance
- ☐ Low Maintenance
- ☐ Superior Heat Resistance
- ☐ Long Service Life
- ☐ Custom Sizes

APPLICATIONS

- Drying
- Heating
- Washing
- Cooling
- Fermentation
- Continuous Processing



HIGH-TEMPERATURE BELTING

PTFE / Teflon Conveyor Belt

Heat Resistant - Chemical Resistant - Long Service Life



Our PTFE Teflon Mesh Belts are widely used in textile curing machines and heat press systems for sublimation transfer. The open mesh allows excellent heat penetration and fabric movement, resisting ink bleed and running continuously in high-temperature environments.

SPECIFICATIONS

Belt Thickness	0.5, 0.8, 1.0 mm
Belt Width	100 – 4,000 mm
Material	Teflon (PTFE)
Length	100 m
Colour	Brown, White
Operating Temp.	Up to 250°C

WHY CHOOSE THIS PRODUCT

- ☐ Heat Resistant
- ☐ Easy Cleaning
- ☐ Continuous Duty
- ☐ Chemical Resistant
- ☐ Ink Bleed Resistant
- ☐ Long Service Life

APPLICATIONS

- Textile Curing
- Chapati / Papadum Lines
- Drying Non-Wovens
- Heat Press / Sublimation
- Screen Print Dryers
- Side & Base Sealing



HYGIENIC BELTING

Easy Clean Homogeneous TPU Belts

Maximum Hygiene · Superior Performance



APPLICATIONS

- Food Processing
- Bakery
- Meat Processing
- Pharmaceutical
- Packaging
- Dairy

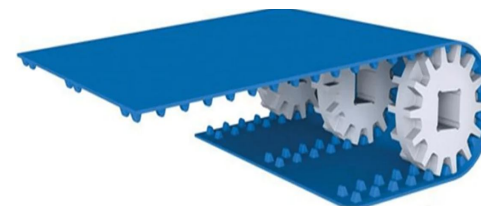
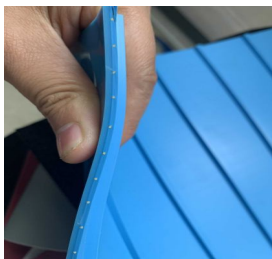
Homogeneous Conveyor Belts engineered to deliver exceptional hygiene, durability and consistent performance in demanding food processing and pharmaceutical applications — an ideal alternative to modular plastic conveyor belts.

SPECIFICATIONS

Belt Types	PF30 / PT50
Material	TPU, Aramid reinforced
Hardness	Shore A 95
Thickness	3 mm
Min. Pulley Diameter	90 – 100 mm
Working Temp.	-40°C to +90°C

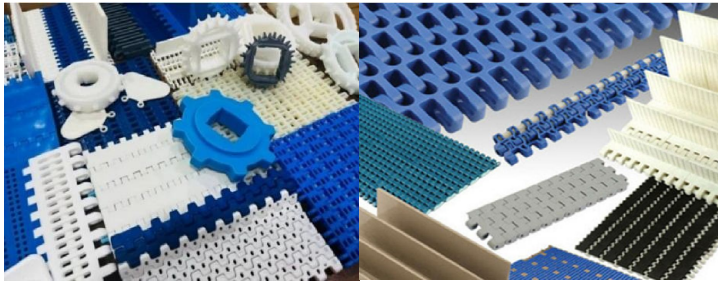
WHY CHOOSE THIS PRODUCT

- ☐ Maximum Hygiene
- ☐ Easy to Clean
- ☐ Lower Maintenance
- ☐ Food Safe
- ☐ Longer Belt Life
- ☐ Reliable Operation



MODULAR SYSTEMS Modular Conveyor Belts

Engineered for Hygiene, Flexibility & Reliable Performance — incl. Hong's Belt & ZTR



APPLICATIONS

- Food Processing
- Beverage
- Airport Handling
- Packaging
- Manufacturing
- Warehousing

Zero Tangent Radius Conveyor (ZTR)

We offer ZTR (Zero Tangent Radius) Conveyor Belts which are designed for space-saving conveyor layouts, enabling ultra-tight turns with inside radius from 600 mm. Their modular design ensures smooth product flow, precise package orientation, reduced jams, and reliable, energy-efficient performance.

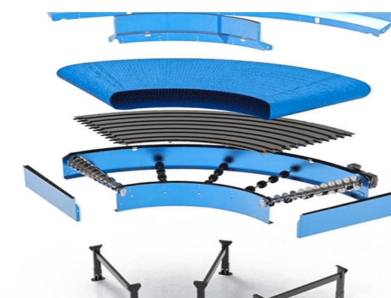
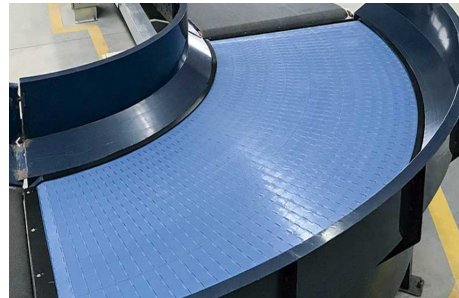
FDA-compliant Modular Conveyor Belts — a flexible, durable option for a wide range of conveyor systems, including plug-and-play compatible Hong's Belt ranges and Zero Tangent Radius (ZTR) systems for ultra-tight, space-saving layouts.

SPECIFICATIONS

Belt Type	Straight, Curves, Incline, Spiral
Materials	PP, PE, POM
Belt Pitches	8, 12.5, 25.4, 38, 50.4 mm
ZTR Min. Radius	600 mm
ZTR Certification	FDA / ISO 9001:2009 / CE
Accessories	Sprockets, Cleats, Sidewalls, Combs

WHY CHOOSE THIS PRODUCT

- ☐ Longer Belt Life
- ☐ Better Tracking
- ☐ High Performance
- ☐ Easy Cleaning
- ☐ Lower Maintenance
- ☐ Reliable Operation



Application Field



Food



Drinks



Package



Medicine



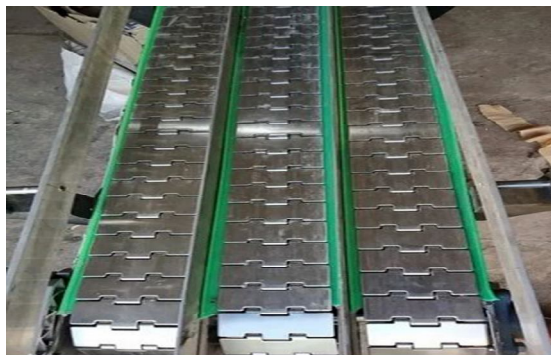
Milk



Cosmetic

Plastic & Stainless Steel Chains

Tabletop & Conveyor Chains for Straight and Curved Layouts



APPLICATIONS

- Food Processing
- Automotive
- Bottling Lines
- Packaging
- Heavy Industry
- General Manufacturing



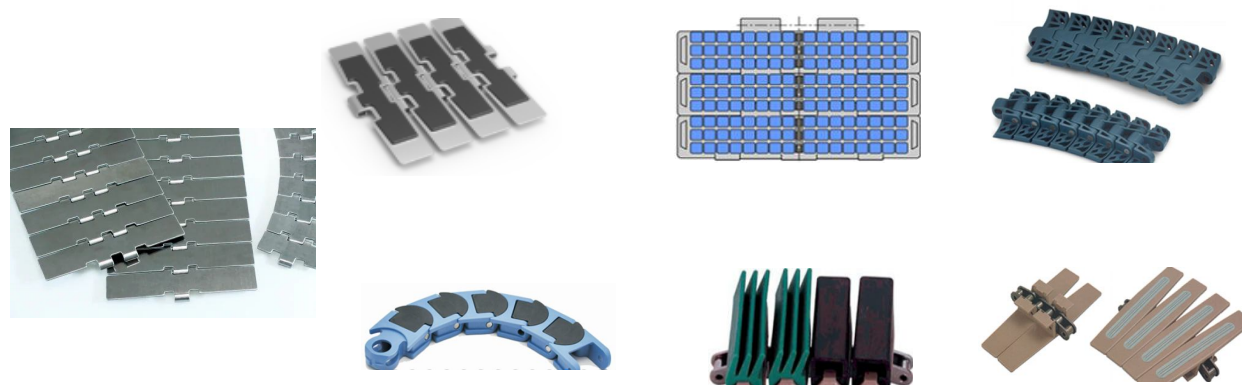
Tabletop and conveyor chains for straight and curved layouts, offered in engineered plastics (POM, PA) and stainless steel for demanding hygienic and heavy-duty environments.

SPECIFICATIONS

Type of Chains	Straight Run, Side Flexing
Chain Variants	Rubber Top, Magnet, LBP, Gripper
Materials	POM, PA, Stainless Steel
Friction	Low friction coefficient
Resistance	Anti-chemical, Anti-static
Property	Flame-proof

WHY CHOOSE THIS PRODUCT

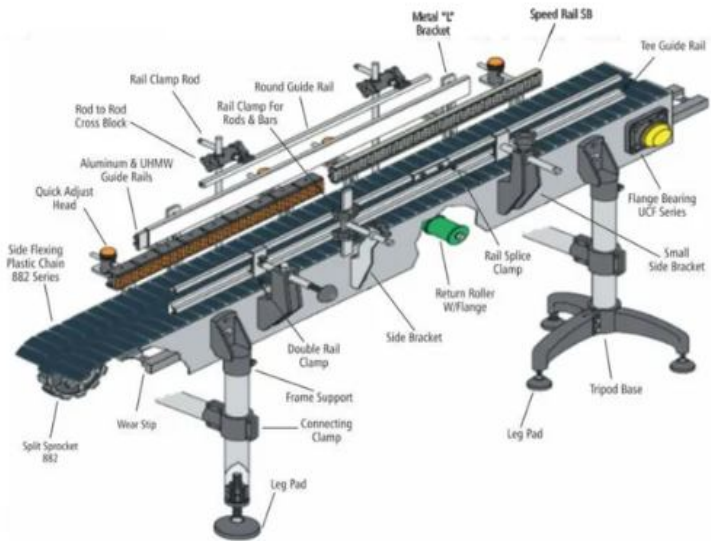
- ☐ Longer Belt Life
- ☐ Better Tracking
- ☐ High Performance
- ☐ Easy Cleaning
- ☐ Lower Maintenance
- ☐ Reliable Operation



SUPPORT SYSTEMS

Conveyor Accessories & Components

Complete Solutions for Reliable Conveyor Systems



A complete range of high-molecular material accessories and components to keep your conveyor line running with minimal downtime — from wear strips to precision-engineered guide rails.

SPECIFICATIONS

Wear Components	Strips, Lining, Profiled Bars
Support	Leg Pads, Rails, Fences
Rotating Parts	Rollers, Bearings
Design	Hygienic Food-Grade
Resistance	Corrosion & Wear Resistant
Configuration	Custom Sizes Available

WHY CHOOSE THIS PRODUCT

- ☐ Hygienic Design
- ☐ Custom Sizes
- ☐ Long-Term Reliability
- ☐ Corrosion Resistant
- ☐ Low Maintenance
- ☐ Easy Cleaning

FASTENERS & ACCESSORIES



✓ A wide range of fasteners and accessories for secure and efficient conveyor assembly.

BEARING UNITS



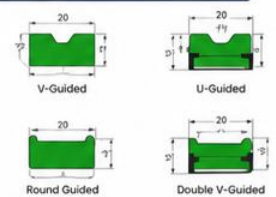
✓ High precision bearing units for smooth operation, reduced friction and longer service life.

WEAR STRIPS

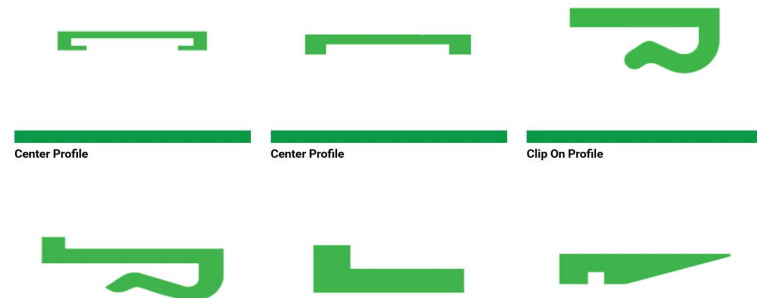


✓ Premium quality wear strips for superior glide performance and extended belt life.

BELT PROFILES



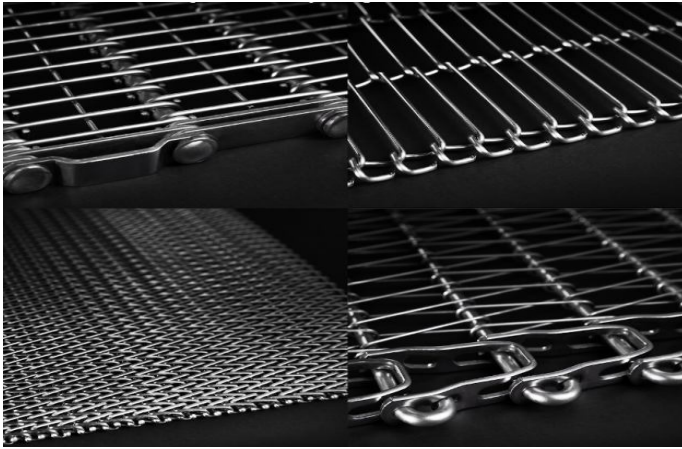
✓ Various belt profiles for accurate tracking, guiding and enhanced conveyor performance.



HEAT-RESISTANT BELTING

SS Wire Mesh Conveyor Belts

High Performance · Hygienic · Heat Resistant



APPLICATIONS

- Baking & Food Processing
- Cooling & Freezing
- Frying & Drying
- Heat Treatment Furnaces
- Industrial Manufacturing
- Packaging

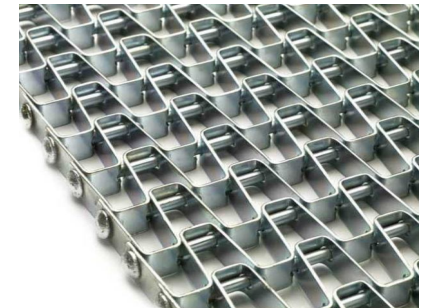
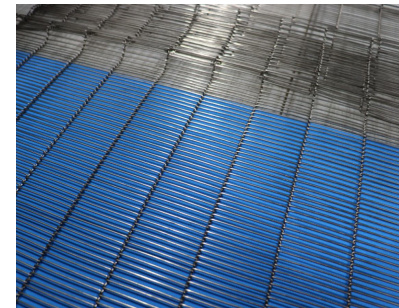
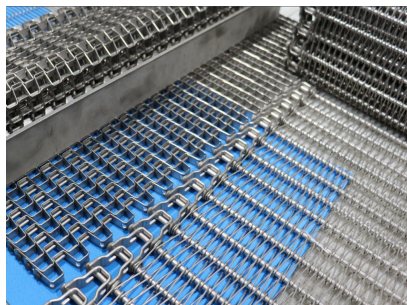
High-quality wire mesh belts for food processing and industrial conveying applications. The open, hygienic structure provides excellent airflow, drainage and heat transfer — preferred for baking, frying, cooling, freezing, drying and coating processes.

SPECIFICATIONS

Product Range	Honeycomb, Balanced Weave
Variants	Eyelink, Wire Mesh Belts
Material Grade	SS304 / SS316 / Duplex
Customization	Pitch, Wire Dia., Mesh Opening
Construction	Heavy-Duty
Application Range	High-Temp Ovens to Low-Temp Freezers

WHY CHOOSE THIS PRODUCT

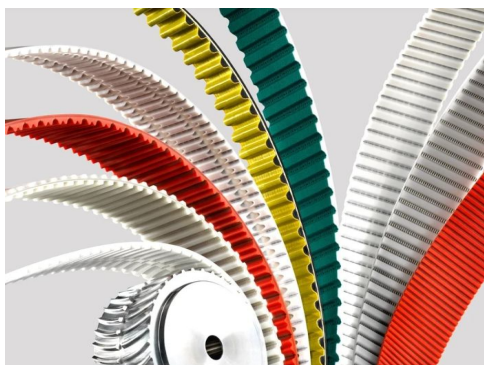
- ☐ Food Grade Materials
- ☐ Corrosion Resistant
- ☐ Heavy-Duty Build
- ☐ Excellent Airflow
- ☐ Easy Cleaning
- ☐ Custom Specifications



POWER TRANSMISSION

PU Timing Belts

Precision Engineered for Accuracy and Durability



APPLICATIONS

- Manufacturing
- Packaging
- Printing
- Food Processing
- Textile Machinery
- General Engineering

High-quality timing belts engineered for accuracy and durability in demanding environments. Available Open End and Endless, in Steel or Kevlar reinforced constructions, for manufacturing, food processing and packaging applications.

SPECIFICATIONS

Belt Profiles	Metric, HTD, AT, Imperial
Belt Width	Up to 300 mm
Belt Length	55 – 6,000 mm
Speed	Up to 20,000 RPM
Reinforcement	Steel / Kevlar
Types	Open End, Endless, Welded, Cleated

WHY CHOOSE THIS PRODUCT

- ☐ Longer Belt Life
- ☐ Better Tracking
- ☐ High Performance
- ☐ Easy Cleaning
- ☐ Lower Maintenance
- ☐ Reliable Operation



POWER TRANSMISSION V-Belts

Classical · Cogged · Wrapped · Poly-V — Global Brand Sourcing

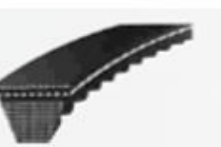


V-Belt
Section A, B, C, D, E, SPZ, SPA,
SPB, SPC, 8V

Double V-Belt
Section: AA, BB, CC
Width: ½", 21/32", 7/8"

Classical V-Belts
Section: A, B, C, D, E
Width: 13, 17, 22, 32, 38

Classical Raw Edge Cogged V-Belts
Section: AX, BX, CX,
Width: 13, 17, 22.



**Narrow Raw Edge
Cogged V-Belts**
Section: XPZ, XPA, XPB, XPC
Top Width: 9.7, 12.7, 16.3, 22
Thickness: 8, 10, 13, 18.

FHP V-Belt
Section: 2L, 3L, 4L, 5L
Top Width: ¼", 3/8", ½", 5/8"
Height: 5/32", 7/32", 9/32", 11/32"

Cogged Banded V-Belts
Range: BX, CX, 3VX, 5VX
Pitch: 10.31, 25.04, 10.31, 17.48

Wrapped Banded V-Belts
Range: A, B, C, 3V, 5V
Pitch: ¼", 21/32", 7/8", 3/8", 5/8".



Poly V Belt / Ribbed Belt
Profile: PH, PJ, PK, PL, PM
Height: 2.5mm, 3.3mm, 4.0mm, 7mm, 13mm
Pitch: 1.6mm, 2.34mm, 3.56mm, 4.7mm, 9.4mm



FOOD PROCESSING & REFRIGERATION SOLUTIONS

COMPLETE TURNKEY SOLUTIONS
FOR FOOD PROCESSING INDUSTRIES

In association with



Complete turnkey refrigeration, freezing, conveying and food processing solutions for Seafood, Meat, Poultry, Dairy, and Fruits & Vegetable industries.



FRUITS & VEGETABLES



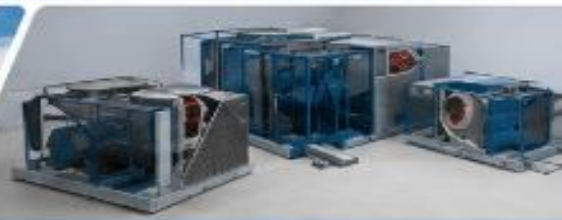
MEAT & POULTRY



SEA FOOD



FACTORY



SPIRAL FREEZING



COLD ROOMS & STORAGE



INDUSTRIAL REFRIGERATION SYSTEMS

SOLUTIONS WE DELIVER



FREEZING
SYSTEMS



REFRIGERATION
SOLUTIONS



PROCESSING
EQUIPMENT



CONVEYING
SYSTEMS



INDUSTRIAL
UTILITIES



TURNKEY
SOLUTIONS

INDUSTRIES WE SERVE

- ✓ Seafood Processing
- ✓ Meat Processing
- ✓ Poultry Processing
- ✓ Dairy Processing
- ✓ Fruits & Vegetables
- ✓ Frozen Foods



Freezing Systems

- IQF Freezers
- Blast Freezers
- Plate Freezers
- Hardener Freezers
- Tray Freezers



Refrigeration Systems

- Cold Rooms
- Chilling Systems
- Cooling Coils
- Ice Plants
- Condensing Units



Processing Equipment

- Transfer Conveyors
- Feeding Conveyors
- Glazing Lines
- Shrimp Grading Machines
- Ready-to-Eat IQF Lines



Industrial Utilities

- Ammonia Chillers
- Heat Exchangers
- Receivers
- Oil Separators
- Pressure Vessels



Complete Turnkey Solutions for
Food Processing Industries



In association with
FrigosAltech India



Engineering Reliability.
Delivering Performance.

From washing and preparation to freezing, conveying and processing, SouthEdge delivers application-focused solutions for **Seafood, Meat, Poultry, Dairy, Fruits & Vegetables** and **Frozen Food** industries.

FRUITS & VEGETABLES – WASHING & PREPARATION



FREEZING & IQF PROCESSING



SEAFOOD PROCESSING SOLUTIONS



VEGETABLES – WASHING & PROCESSING



MEAT & POULTRY PROCESSING



FOOD PROCESSING LINES



REFRIGERATION & COLD ROOM SOLUTIONS



TURNKEY PROJECTS & INSTALLATIONS



HYGIENIC & EFFICIENT OPERATIONS



FOOD PROCESSING & REFRIGERATION SOLUTIONS

PRODUCT PORTFOLIO

Complete range of equipment and solutions for modern food processing industries.

IN ASSOCIATION WITH



FrigosAltech
INDIA

IQF



IQF 500kg Machines



Industrial Hardener Freezer



Ice Tank Coil



Ice Can



Industrial Cooling Coils



IQF Feeding Conveyor



Dip & Spray 30% Glazer



Dipping Glazer



Blast Freezer



Industrial Blast Freezers



Air Cooling Coil SS



Industrial Evaporative Condensers



Flake Ice Generator



Out Door Condenser Unit



Cold Storage AHU (HD)



Chill Room Coil



Shrimp Grading Machines with
Stainless Steel Roller



Plate Freezers



Freezer Plate



Ammonia Water Chiller



Oil Separator



Ammonia Receiver



IQF Out Feed Cattle Fish Freezer



Shell & Tube



Ammonia Vessel



Gas & Liquid Cooler



IQF In Feed Tray Freezer



Fruits in IQF Machine



Ready To Eat In IQF Freezer



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