

Specialize in Paper Machine Clothing, Polyester Mesh Belts manufacturing and solution.



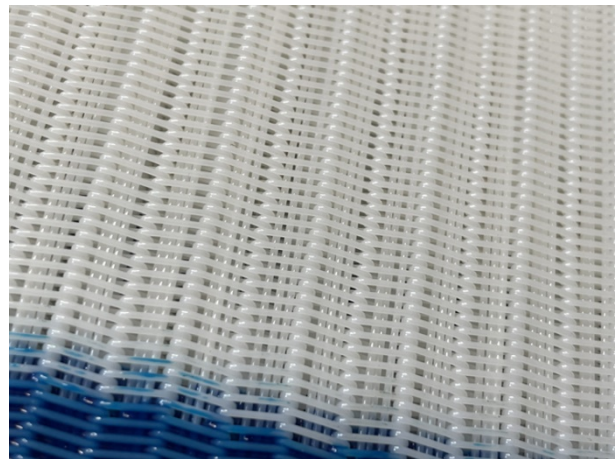
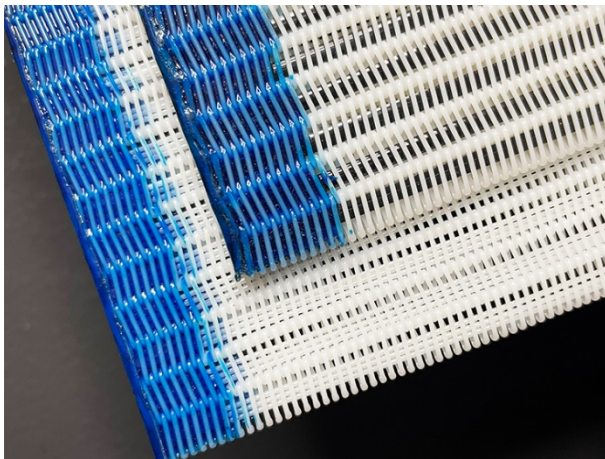
Spiral Press Filter Belts for Belt Press Filter Cloth

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Description

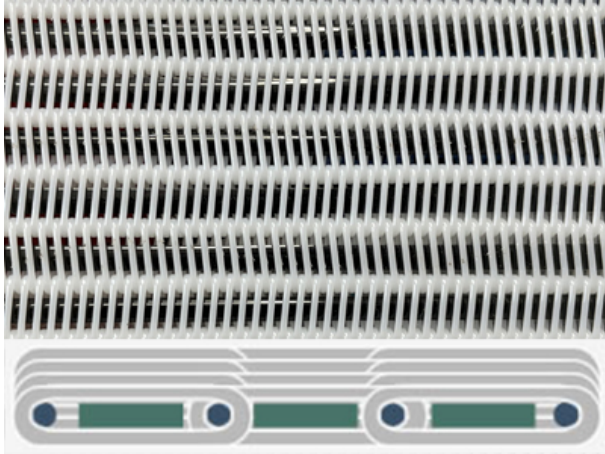
Polyester Spiral Press Filter Belts are made with spiral dryer fabrics with extra filler yarns inserted in the spiral loops to reduce the air permeability and less material loss on the surface of the fabric.

Polyester Spiral Press Filter Belt is also a monofilament polyester fabric but not like a woven fabric, instead this is a polyester fabric with spiral twisted wires where pins hold the spirals together like a chain.

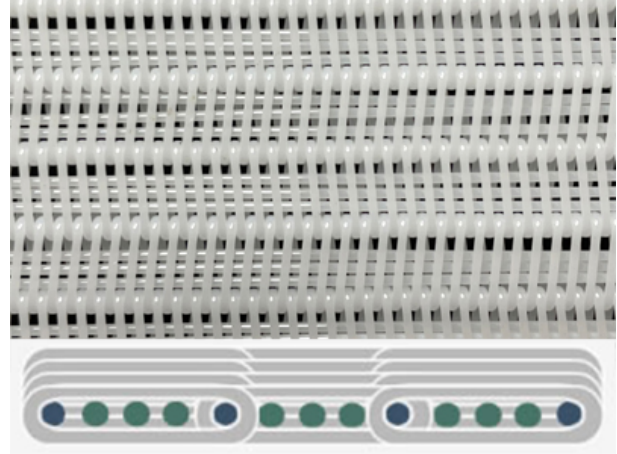


For years we have been manufacturing filter belts made of synthetic fabrics for a wide range of pressure belt filters of different sizes and designs, applicable for dewatering or solid-liquid separation in industries such as mining, chemical, food or wastewater treatment.

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Spiral Press Filter Belt with Flat Inserting Bar



Spiral Press Filter Belt with Round Inserting Bars

Feature

- The Polyester Spiral Press Filter Belts are produced with high cross-sectional stability and long service life.
- The Polyester Spiral Press Filter Belts width can be from 20 to 500 cm, depending on the filtration equipment.
- Due to the special structure of the spiral ring, there can be no seams at the filter belt connection
- Robust glued edges
- FDA Certification

Application

Spiral fabric belts with filling yarns are mainly used as filter cloth, drying media or conveyor belts for solid-liquid separation in belt press filter.

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We supply a wide variety of belts for industrial filtration or for environmental applications, choosing the material according to the characteristics of the product to be filtered, the work pressure, temperature, etc. that allows to achieve a perfect solid-liquid separation. The type of material for a belt can vary depending on the customer's specifications and applications.

- Solid-liquid separation & drying
- Effluent treatment (waste water, sewage, sludge de-watering)
- Pharmaceutical & chemical industry
- Mining & mineral industry
- Pulp & paper industry
- Food industry



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Specifications

Type	Spiral loop width (mm)	Filament diameter (mm)			Strength (N/cm)	Weight (Kg/m ²)	Thickness (mm)	Air permeability (m ³ /m ² h)	CFM (127/pa)
		Spiral ring monofilament	Connection Wire	filler material monofilament					
Small loop 5080A1	5.2	0.5	0.8	0.60*3	1800	1.5	2.1	4480	280
Medium loop 6890A1	8	0.68	0.9	0.80*4	2000	2	2.45	6080	380
Medium loop 6890B1	7.15	0.68	0.9	0.90*3	2000	1.9	2.45	5760	360
Medium loop 6890B2	7.15	0.68	0.9	0.80*3	2000	1.85	2.45	7750	484
Medium loop 6890B3	7.15	0.68	0.9	Flat Wire 2.1*0.80	2000	1.8	2.45	9000	563
Medium loop 6890B4	7.15	0.68	0.9	Flat Wire 2.1*0.88	2000	1.85	2.45	8000	500
Medium loop 6890B5	7.15	0.68	0.9	Conductive carbon wire	2000	1.6	2.45	10000	625
Large loop 9090A1	8	0.9	0.9	0.90*3	2300	2.3	3.03	7500	468



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Large loop 90110A1	10	0.9	1.1	1.0*4	2000	2.4	3.15	6240	390
Alkali resistance PA90110A2	10	0.9	1.1	1.2*3	2000	2.25	3.15	6240	390
Large loop 10090A1	8	1	0.9	1.0*3	2000	2.5	3.6	5000	315
Large loop 120130A1	1.2	1.2	1.3	1.2*3	2600	2.85	4.3	7500	468

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