



Technological innovation / Win-win cooperation

**PAPER MACHINE
CLOTHES**





About Us

LEIZHAN has successfully operated the pulp and paper industry and corrugated cardboard market in the global market. The company has earned a reputation, as well as a reputation as a reliable and open business partner.

We provide high-quality service and engineering for important technical machines for pulp and paper production, including pulp preparation, paper and board production on machines, and all stages of further processing.

The company employs highly qualified experts with extensive experience in large industrial enterprises, who can specify a complete project plan according to your needs, and provide you with a plan at all stages of the project until completion.

We continuously increase your profits by providing advanced technology, quality products, comprehensive services, improving production efficiency, and reducing costs. Every customer is precious for us, we are appreciated the long-term trust and favor from them.

Quality

Our well-equipped facilities and excellent quality control throughout all stages of production enable us to guarantee total customer satisfaction.

Service

We have professional engineers to provide customers with professional and reasonable solutions. At the same time, the sales service department offers round-the-clock service, ensuring customer needs in different countries.

Cost-effective

We have been optimizing the supply, production, design, delivery and other links, improving resource utilization, reducing costs, and bringing customers higher quality and more affordable equipment.



LEIZHAN GROUP

PAPER MACHINE CLOTHES

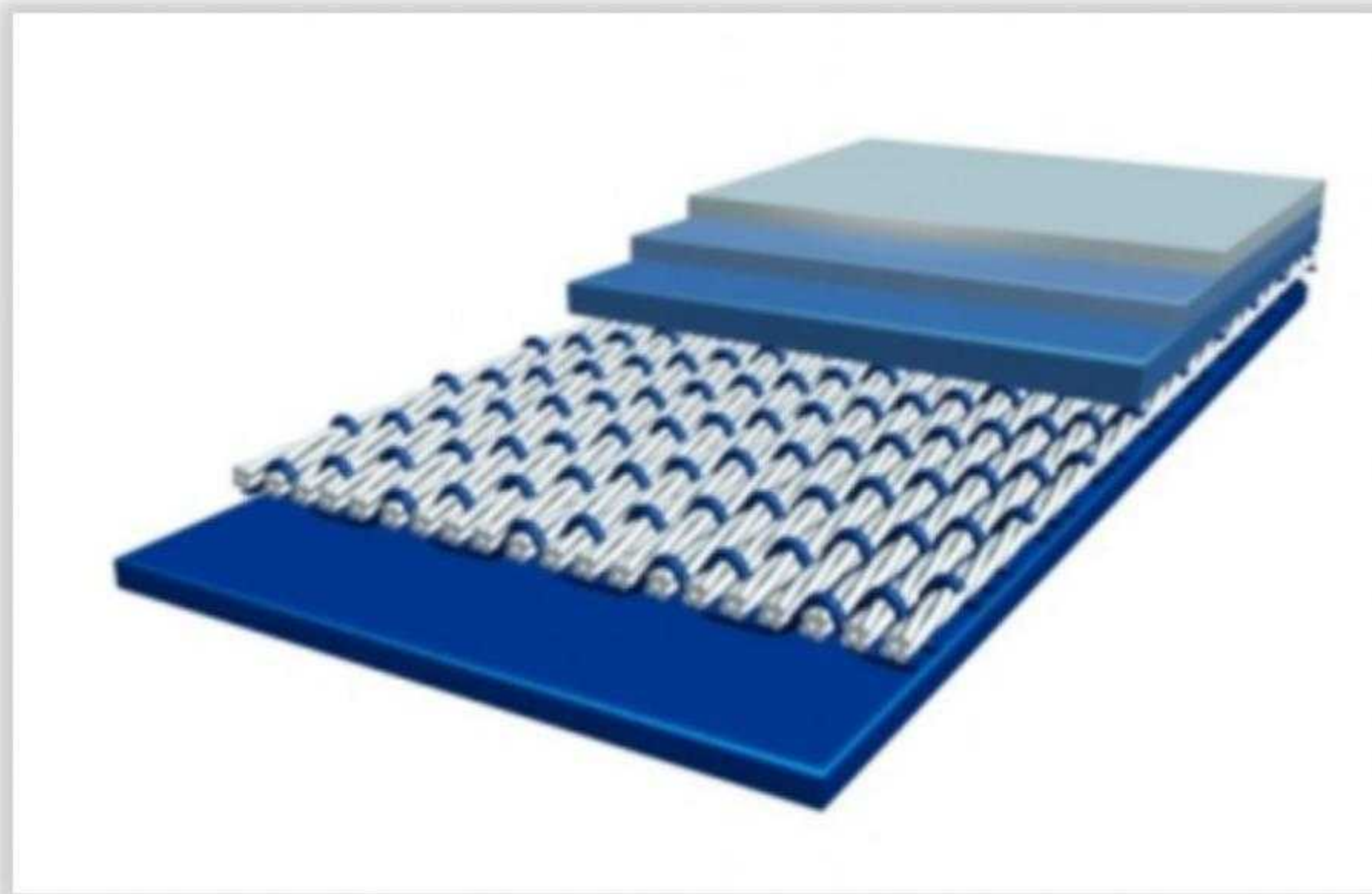


LEIZHAN keeps improving for safer operation, better quality, longer life

Single-layer Paper Machine Felt



is made up of single base layer mesh and fiber layer. The base mesh layer is made of nylon yarn or warp and weft weave by doubling multi-filament. The stitch structure is designed by different position and different paper of different paper machine. According to the structure of BOM to lay the fiber, having the characteristics of good filter ability, small elongation, easy to wash and clean, light mark, affective to eliminate grain mark and other marks, long life and so on. Widely used for kinds of paper machine to product kinds of paper and paper board etc.



Application

Paper machine: Cylinder, Super Forming, Fourdrinier, Inclined Wire Machine, Nip Wire Machine etc.

Working speed: $\leq 800\text{m/min}$

Paper weight: $\geq 8\text{g/m}^2$ kinds of paper

Line pressure: $\leq 80\text{KN/m}$

Technical Parameter

Felt GSM 700-1200g/m²

Felt GSM Tolerance: $\leq \pm 4\%$

Air Permeability: 30-120cfm

Tensile Strength: $\geq 2000\text{N}/5\text{cm}$

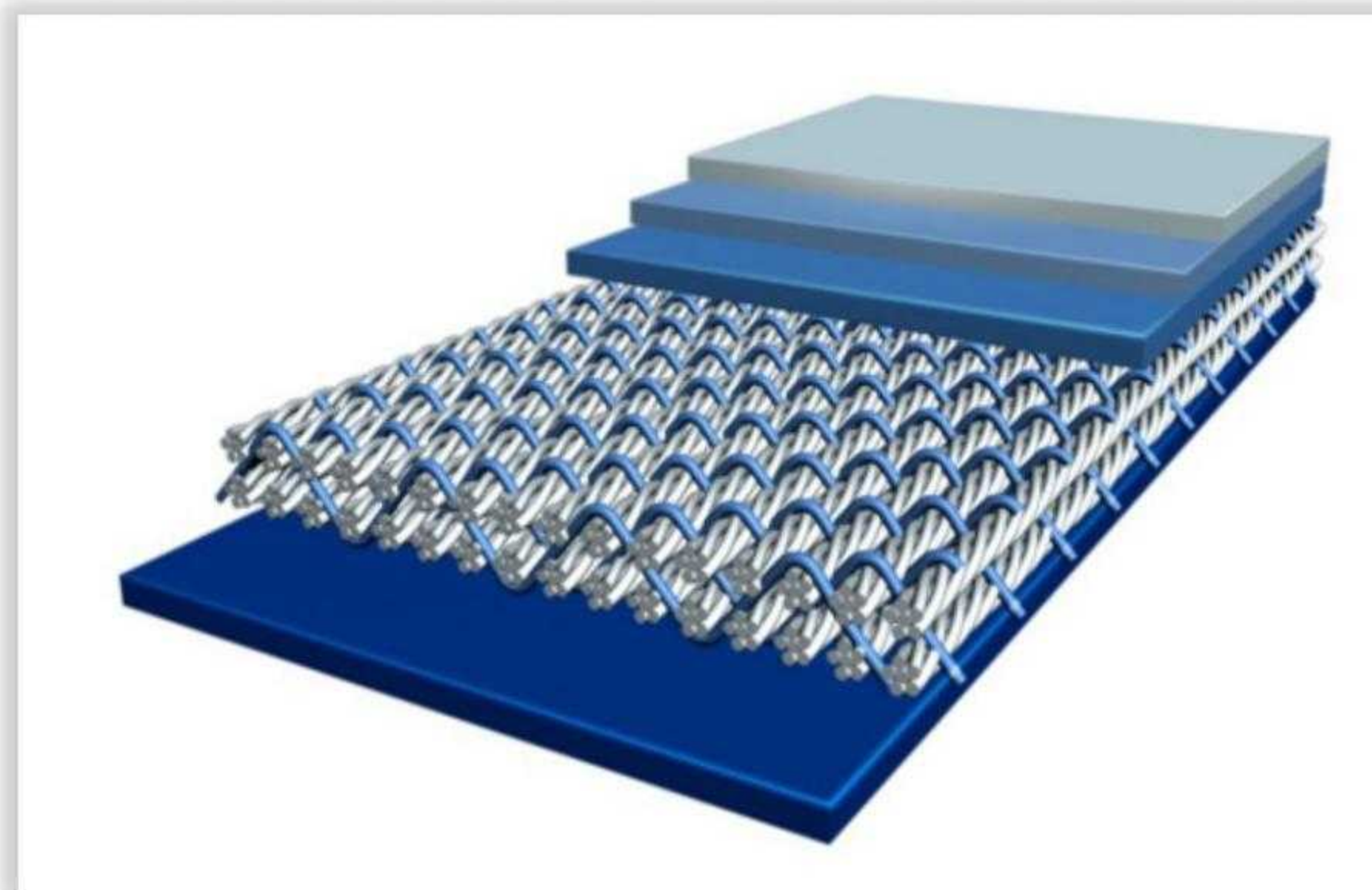
Elongation Percentage: $\leq 1\%$

Width Variation: $\leq \pm 2\text{cm}$

Double-layer Paper Machine Felt



includes 1+1 composite structure and double layer of MD yarn structure. 1+1 composite structure BOM is consisted of two different thickness of base material. Both of these base materials can be changed to different construction and sizes to suit the requirement of different paper machines. It process high quality properties such as high-press resistance, good flexibility, good permeability, good size stability, less elongation, excellent tensile strength and can eliminate vacuum marks, blind hole mark, groove mark etc. Applying to many kinds of press such as: groove press, vacuum suction press, multi-press, large diameter nip-roll press which can produce high-grade printing paper, newsprint, technical paper, packaging paper, high-grade paper board etc.



Application

Paper machine: Multi-Cylinder, Super Forming, Fourdrinier, Superposition Wire, Nip Wire Paper Making Machine etc for different kinds of paper machine

Working speed: $\leq 1000\text{m/min}$

Paper kind: $\geq 8\text{g/m}^2$ kinds of paper

Line pressure: $60\text{-}200\text{KN/m}$

Technical Parameter

Felt GSM: $950\text{-}1450\text{g/m}^2$

Felt GSM Tolerance: $\leq \pm 4\%$

Air Permeability: $30\text{-}110\text{cfm}$

Tensile Strength: $\geq 3000\text{N/5cm}$

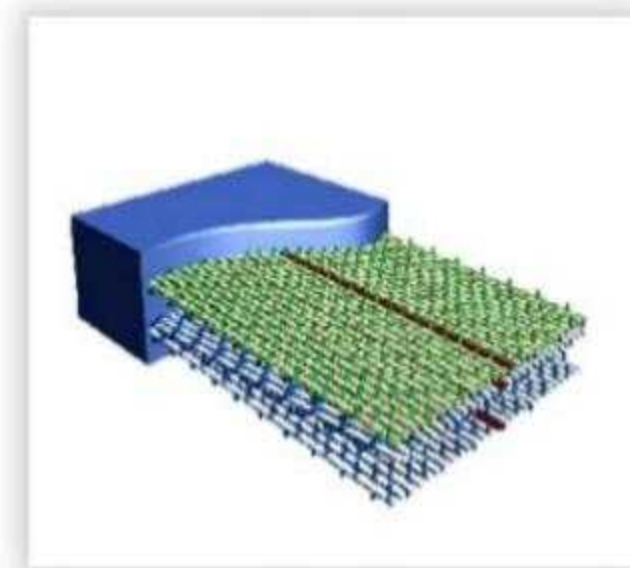
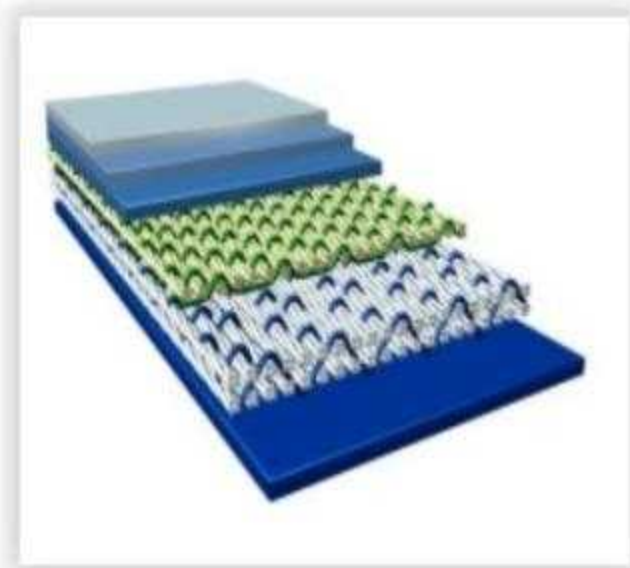
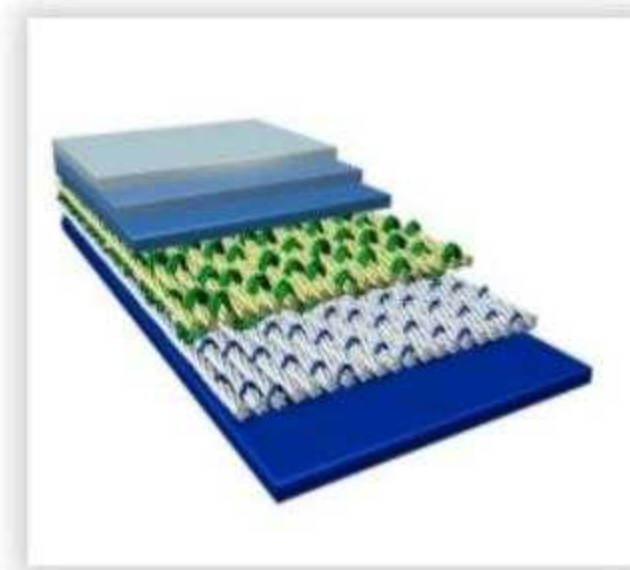
Elongation Percentage: $\leq 0.6\%$

Width Variation: $\leq \pm 2\text{cm}$

Laminated BOM Felt



Laminated paper machine felt includes 1 +2 and 1 +1 +1 composite BOM felt. These felts can be applied to more than 200kN/m linear pressure and possess good flexibility; good permeability and can effectively eliminate many kinds of marks, excellent size stability, long life performance etc. Applying to high speed of the paper machine for suction complex press, large diameter nip roll press and shoe press and can produce high-grade newsprint, write paper, paperboard etc.



Application

Paper machine: Medium/high working speed paper machine of Multi-cylinder, Fourdrinier, Superposition Wire, Vacuum Composite Press, Large Diameter Roll Press, Shoe Press etc.

Working speed: $\leq 1000\text{m/min}$

Paper kind: $\geq 40\text{g/m}^2$ newsprint, write paper, high-grade board paper etc.

Line pressure: $\geq 200\text{KN/m}$

Technical Parameter

Felt GSM: 1450-1800g/m²

Felt GSM Tolerance: $\leq \pm 4\%$

Air Permeability: 40-90cfm

Tensile Strength: $\geq 4500\text{N}/5\text{cm}$

Elongation Percentage: $\leq 0.6\%$

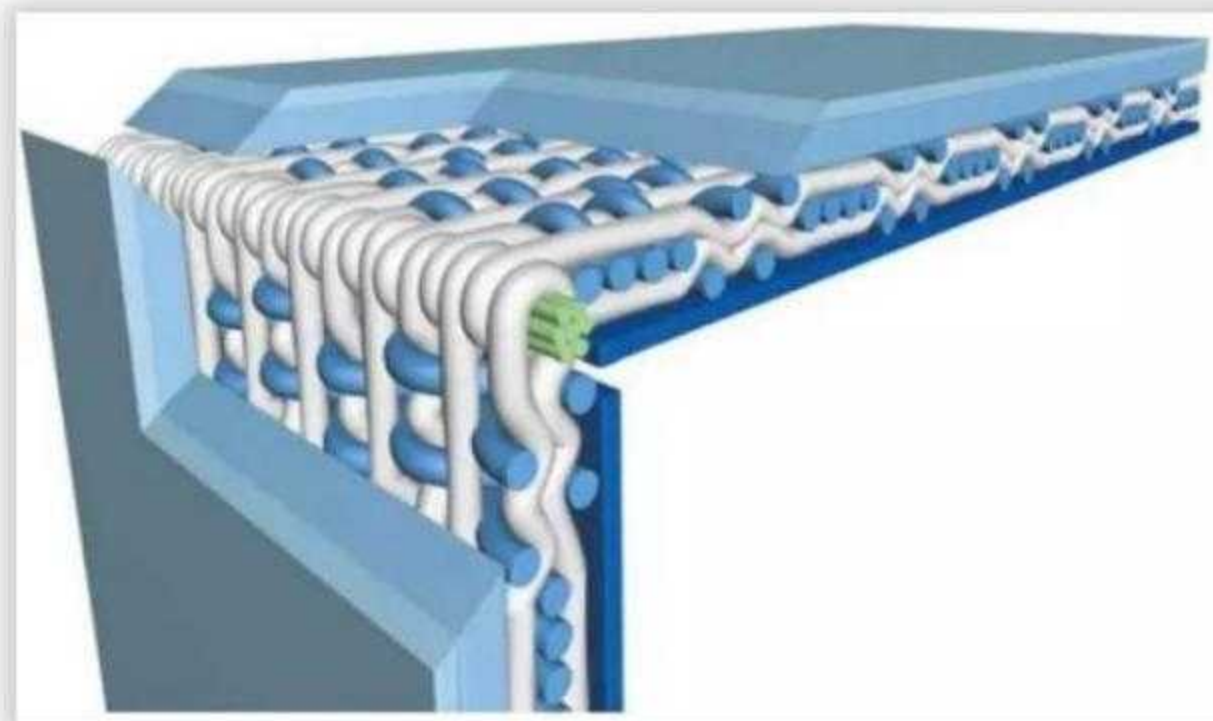
Width Variation: $\leq \pm 2\text{cm}$

Seam Press Felt



SCOPE OF APPLICATION:

Packaging paper and board paper, pulp board, some cultural paper and other paper grades.



CONVENIENCE:

Put on the felt according to the running direction, and select the appropriate space and position to facilitate the insertion of the felt.

SAFETY:

No need to move any press roller, felt guide roll and fixed support device, so as to avoid the potential safety hazard of conventional felt replacement.

HIGH EFFICIENCY: Compared with the conventional felt replacement, it can save at least half of the time and reach the normal operation state quickly.

ACCESSORIES:

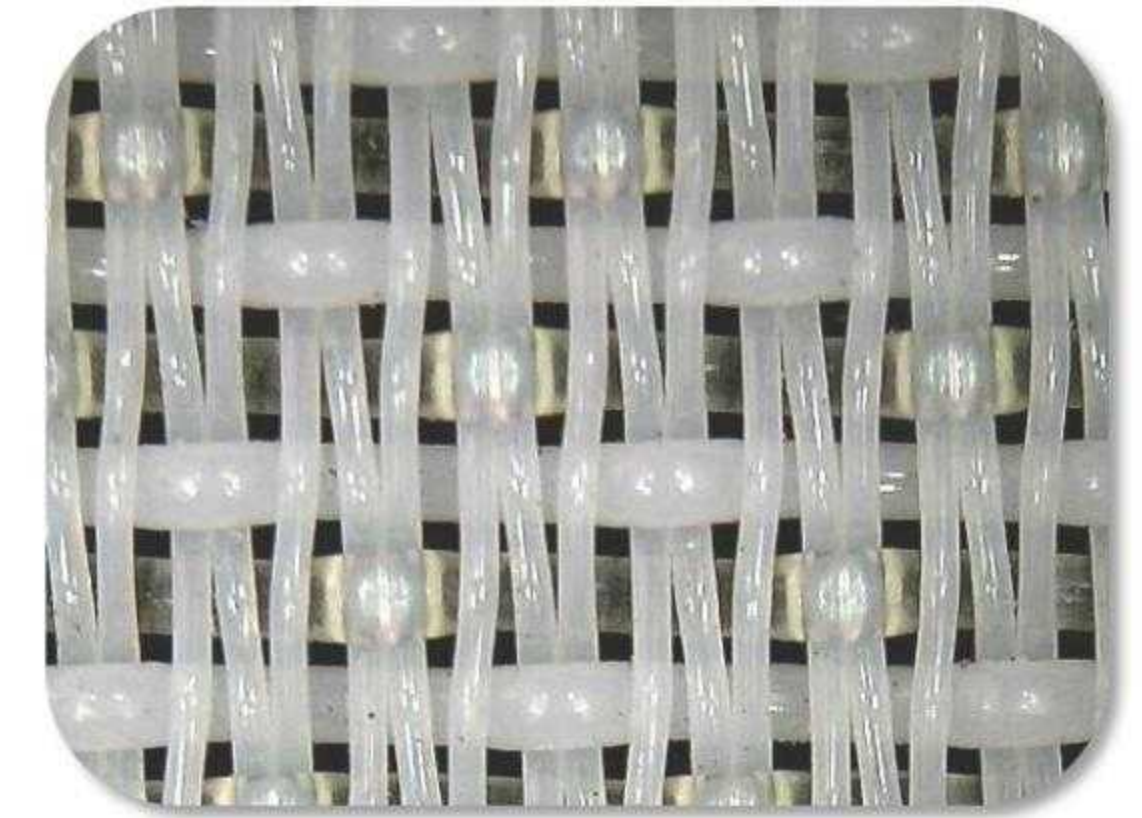
Pintle wire spool and AB glue.

Interface of the seamed press felt

Paper side of the seamed press felt Roller side of the seamed press felt

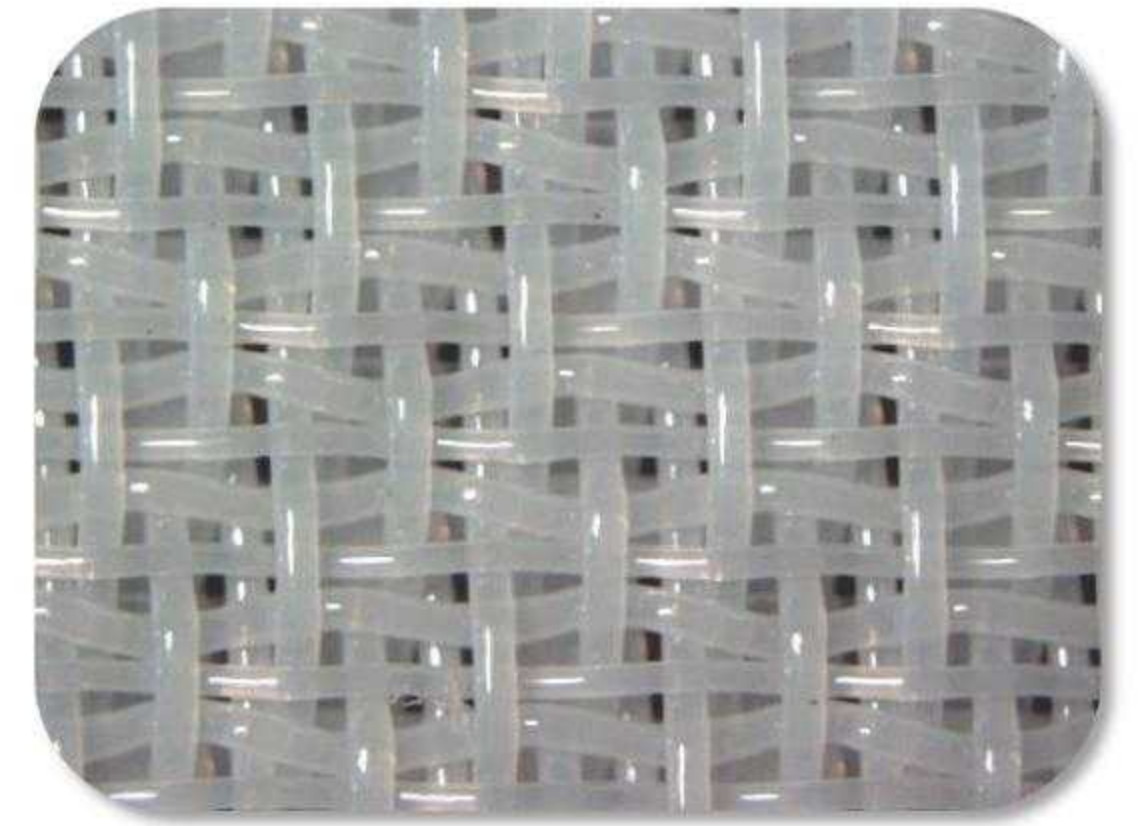
Single & 1.5Layer Forming Wire

Weaving series and type	Model	Filament diameter(mm)		Density (root/cm)		Tensile strength(N/cm)		Thickness (mm)	Air permeability (m3/m2h)	Force elongation
		Warp	Weft	Warp	Weft	Surface	Joint			
4-shed single layer	27254	0.20	0.25	30	22	≥ 600	≥ 400	0.49	8000	0.60%
	27274	0.20	0.27	30	21.5	≥ 600	≥ 400	0.51	7800	0.60%
	31204	0.18	0.20	35	28	≥ 600	≥ 380	0.43	7500	0.68%
	31204-1	0.18	0.20	35	28	≥ 600	≥ 380	0.43	7000	0.68%
5-shed single layer	30205	0.17	0.20	32	28.5	≥ 600	≥ 350	0.41	7100	0.60%
	31215	0.20	0.21	35	32	≥ 600	≥ 400	0.48	7000	0.60%
	27255	0.20	0.25	30	22	≥ 600	≥ 400	0.50	8000	0.60%
8-shed 1.5 layer	25358	0.22	0.35	28	19.5	≥ 700	≥ 500	0.85	9000	0.65%
	25458	0.22	0.45	29	15.2	≥ 700	≥ 500	0.87	7500	0.65%
	25388	0.22	0.38	29.5	19	≥ 700	≥ 500	0.87	8500	0.65%
	27358	0.22	0.35	29	20	≥ 700	≥ 500	0.85	8500	0.65%
	27408	0.22	0.38	31.5	19	≥ 700	≥ 500	0.87	8000	0.65%



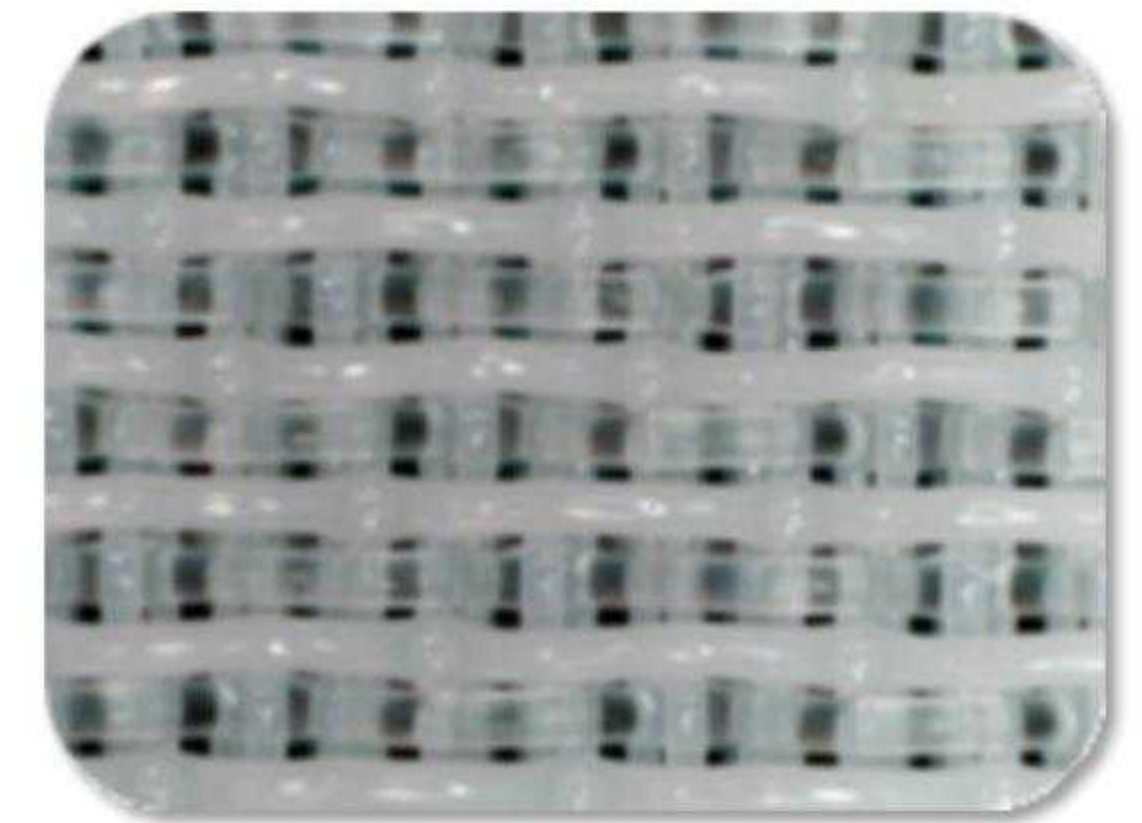
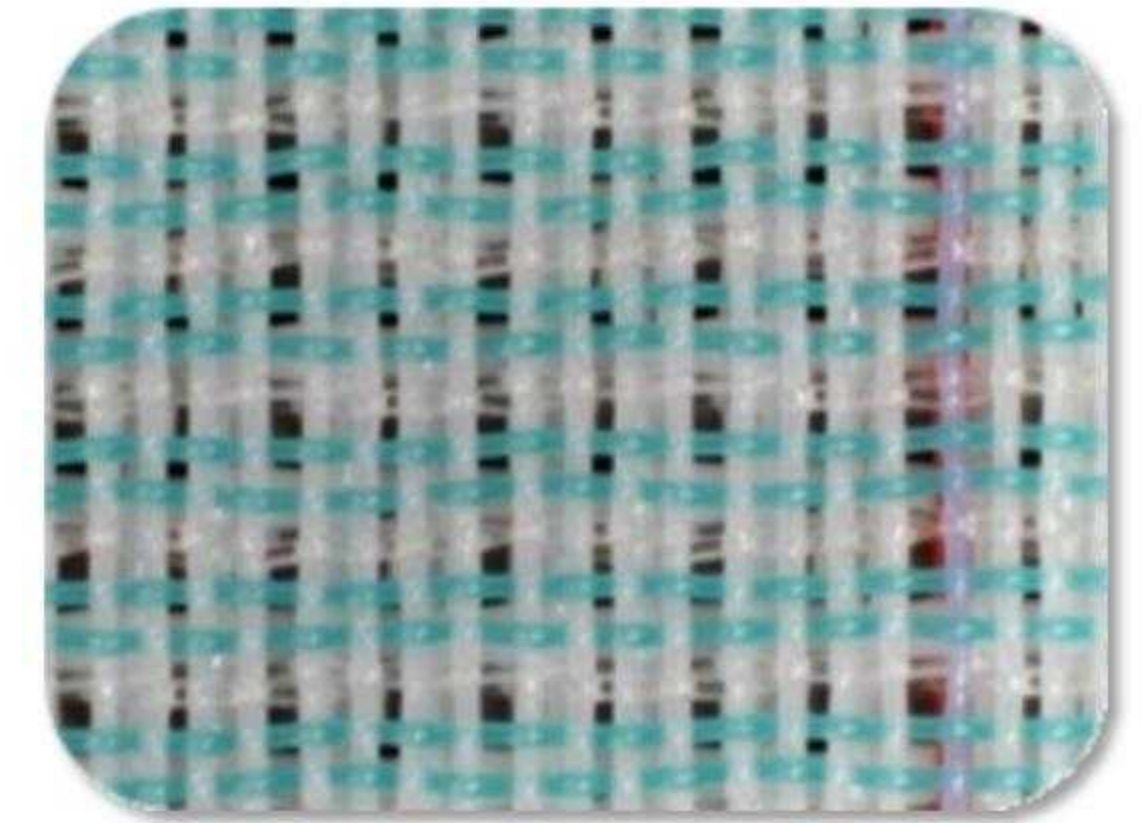
2.5 Layer Forming Wire

Model	Filament diameter(mm)		Density(root/cm)		Air permeability(m ³ /m ² h)	FSI	DI
	Warp	Weft	Warp	Weft			
2B6408--275	0.15	0.18 0.12 / 0.22 0.22	71.5~72.5	67.5~68.5	4350	155	25.7
2B6408--290	0.15	0.18 0.12 / 0.22 0.22	71.5~72.5	65.5~66.5	4600	152	26.3
2B6408--370	0.15	0.18 0.12 / 0.22 0.22	71.5~72.5	56.5~57.5	5800	135	29.0
2B6408--500	0.15	0.18 0.12 / 0.22 0.22	71.5~72.5	47.5~48.5	7900	119	33.0
2B5608--380		0.18 0.13 / 0.25 0.25	62.5~63.5	51.0~52.0	6000	121	26.9
2B5616--285	0.17		62.5~63.5	60.5~61.5	4500	139	23.9
2B5616--350	0.17	0.20 0.13 / 0.30 0.30	62.5~63.5	53.5~54.5	5500	126	26.0
2B5616--250	0.17	0.20 0.13 / 0.35 0.35	62.5~63.5	59.5~60.5	3950	137	20.6
2B5616--285	0.17	0.20 0.13 / 0.35 0.35	62.5~63.5	56.6~57.5	4500	131	22.3
2B5616--320	0.17	0.20 0.13 / 0.35 0.35	62.5~63.5	53.5~54.5	5050	126	23.7
2B5616--350	0.17	0.20 0.13 / 0.35 0.35	62.5~63.5	50.5~51.5	5500	120	24.6
2B5616--380	0.17	0.20 0.13 / 0.35 0.35	62.5~63.5	47.5~48.5	6000	115	25.1
2B5616--320	0.17	0.20 0.13 / 0.40 0.40	62.5~63.5	48.5~49.5	5050	117	21.5
2B4216--380	0.22	0.22 0.13 / 0.35 0.35	47.0~48.0	47.0~48.0	6000	107	24.8
2B4216--350	0.22	0.25 0.17 / 0.40 0.40	47.0~48.0	46.0~47.0	5500	105	22.4
2B4216--445	0.22	0.25 0.17 / 0.40 0.40	47.0~48.0	40.0~41.0	7000	94	24.8
2B3616--350	0.26	0.30 0.20 / 0.50 0.50	40.5~41.5	38.5~39.5	5500	89	18.8
2B3616--400	0.26	0.30 0.20 / 0.50 0.50	40.5~41.5	36.5~37.5	6350	85	20.4
2B3616--445	0.26	0.30 0.20 / 0.50 0.50	40.5~41.5	34.5~35.5	7000	82	21.4



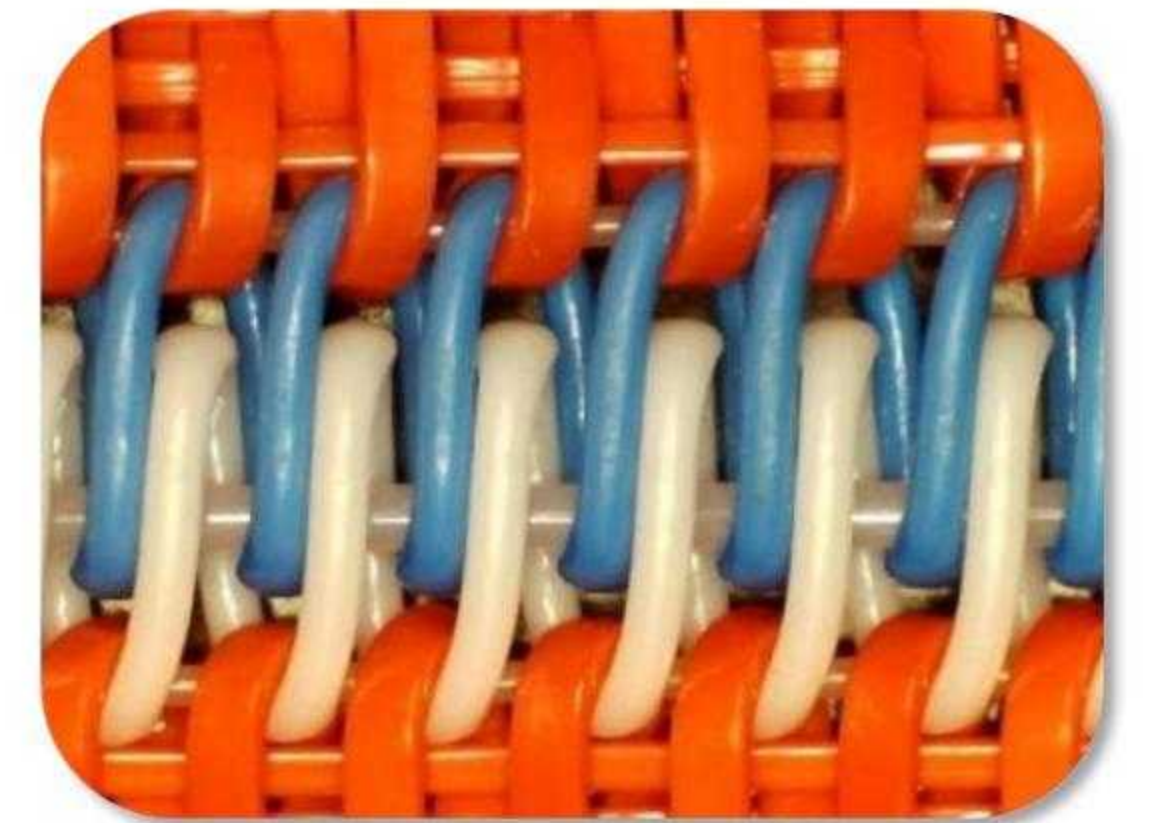
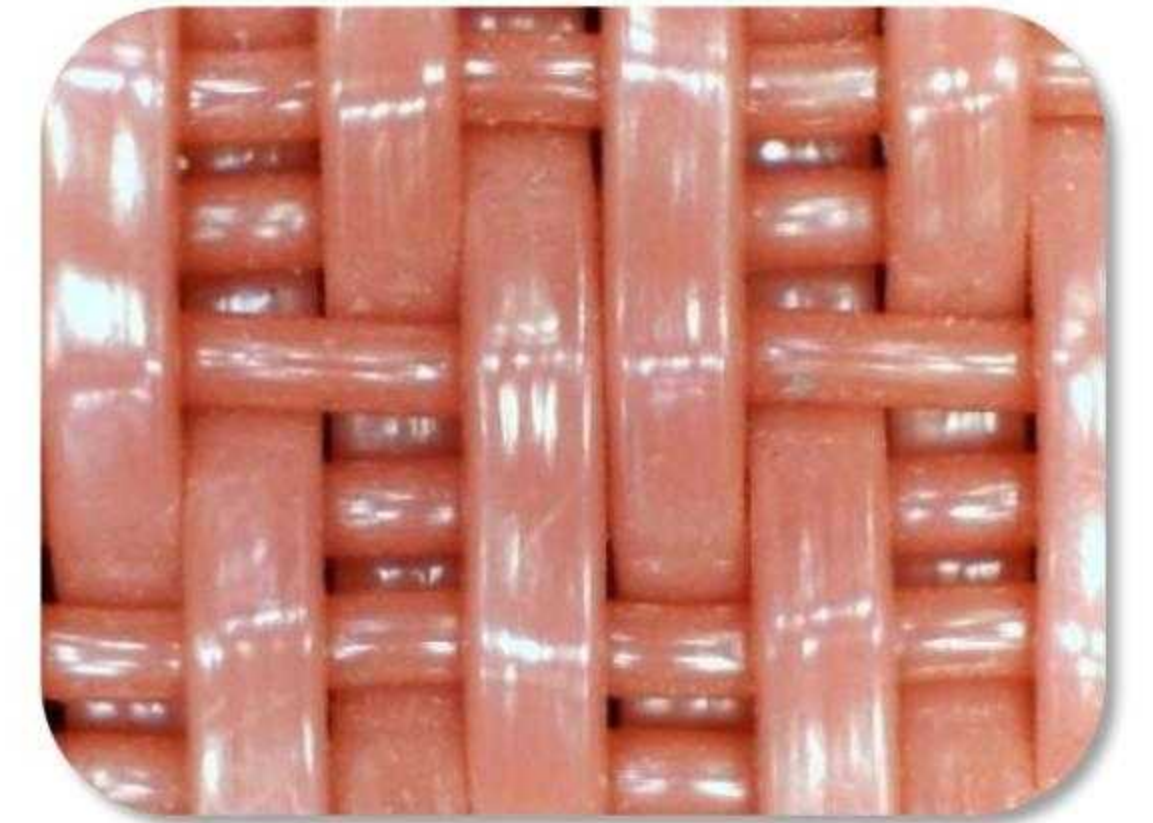
SSB Layer Forming Wire

Model	Filament diameter(mm)		Density(root/cm)		Air permeability (m3/m2h)	FSI	DI
	Warp	Weft	Warp	Weft			
3CSSB6020	0.13 / 0.20	0.13 0.13 / 0.27 0.27	69.5~70.5	79.5~80.5	3950	195	25.4
3CSSB5220--540	0.13 / 0.20	0.13 0.13 / 0.25 0.25	59.5~60.5	62.5~63.5	8500	157	43.2
3CSSB5220--285	0.13 / 0.20	0.13 0.13 / 0.30 0.30	59.5~60.5	79.5~80.5	4500	285	186
3CSSB5220--350	0.13 / 0.20	0.13 0.13 / 0.30 0.30	59.5~60.5	72.5~73.5	5500	174	32.4
3CSSB5220--400	0.13 / 0.20	0.13 0.13 / 0.30 0.30	59.5~60.5	67.5~68.5	6350	166	34.5
3CSSB5220--445	0.13 / 0.20	0.13 0.13 / 0.30 0.30	59.5~60.5	63.5~64.5	7000	159	36.2
3CSSB5220--380	0.13 / 0.20	0.15 0.15 / 0.35 0.35	59.5~60.5	61.5~62.5	6000	156	29.9
3CSSB5224--250	0.17 / 0.25	0.17 0.17 / 0.40 0.40	51.5~52.5	57.5~58.5	3950	142	18.4
3CSSB5224--285	0.17 / 0.25	0.17 0.17 / 0.40 0.40	51.5~52.5	54.5~55.5	4500	137	19.9
3CSSB5224--350	0.17 / 0.25	0.17 0.17 / 0.40 0.40	51.5~52.5	51.5~52.5	5500	132	23.1
3CSSB5224--380	0.17 / 0.25	0.17 0.17 / 0.40 0.40	51.5~52.5	48.5~49.5	6000	127	23.6
3CSSB4224--350	0.22 / 0.30	0.22 0.22 / 0.45 0.45	41.5~42.5	43.5~44.5	5500	110	19.6
3CSSB4224--400	0.22 / 0.30	0.22 0.22 / 0.45 0.45	41.5~42.5	41.5~42.5	6350	107	21.3
3CSSB4224--445	0.22 / 0.30	0.22 0.22 / 0.45 0.45	41.5~42.5	39.5~40.5	7000	103	22.6
3CSSB4224--505	0.22 / 0.30	0.22 0.22 / 0.45 0.45	41.5~42.5	37.5~38.5	8000	100	24.4
3CSSB4220--350	0.22 / 0.30	0.22 0.22 / 0.45 0.45	41.5~42.5	49.5~50.5	5500	119	22.2
3CSSB4220--445	0.22 / 0.30	0.22 0.22 / 0.45 0.45	41.5~42.5	47.5~48.5	7000	115	27.1
3CSSB4220--400	0.22 / 0.28	0.22 0.22 / 0.50 0.50	41.5~42.5	45.5~46.5	6350	113	23.4
3CSSB4220--445	0.22 / 0.28	0.22 0.22 / 0.50 0.50	41.5~42.5	42.5~43.5	7000	108	24.3
3CSSB4220--505	0.22 / 0.28	0.22 0.22 / 0.50 0.50	41.5~42.5	39.5~40.5	8000	103	25.7



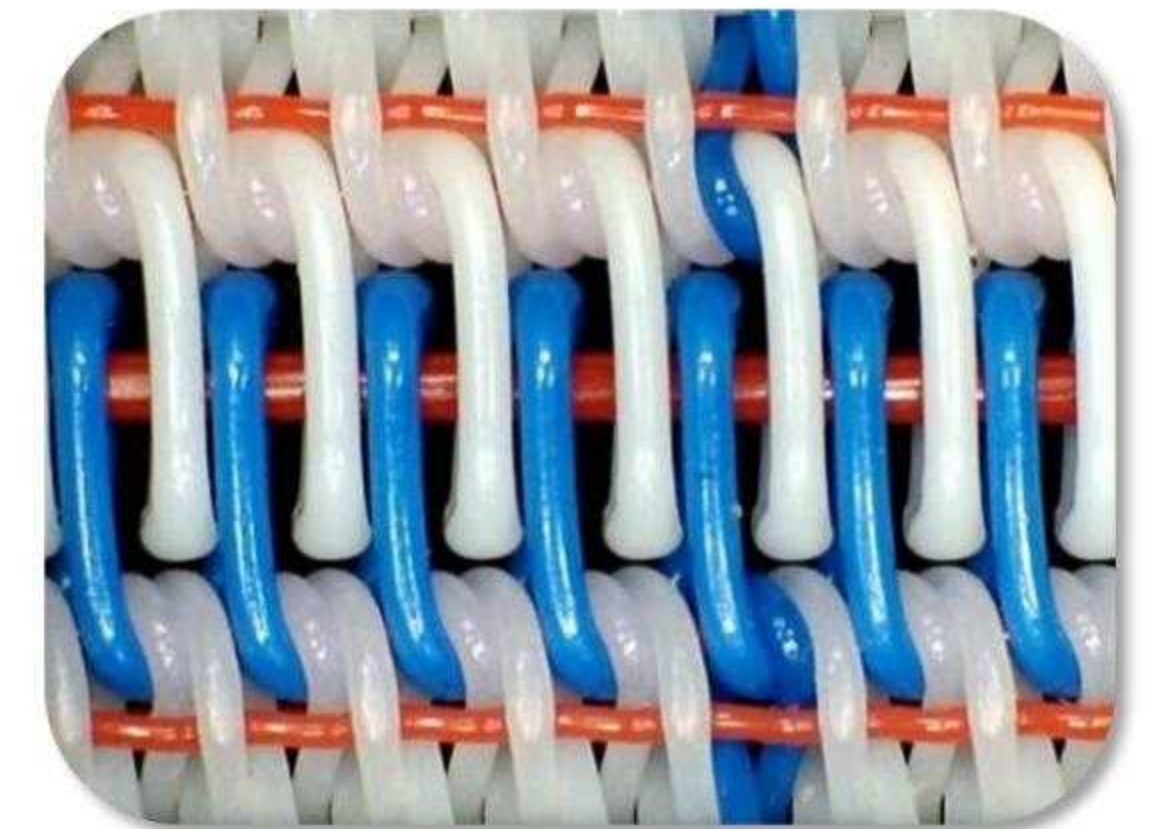
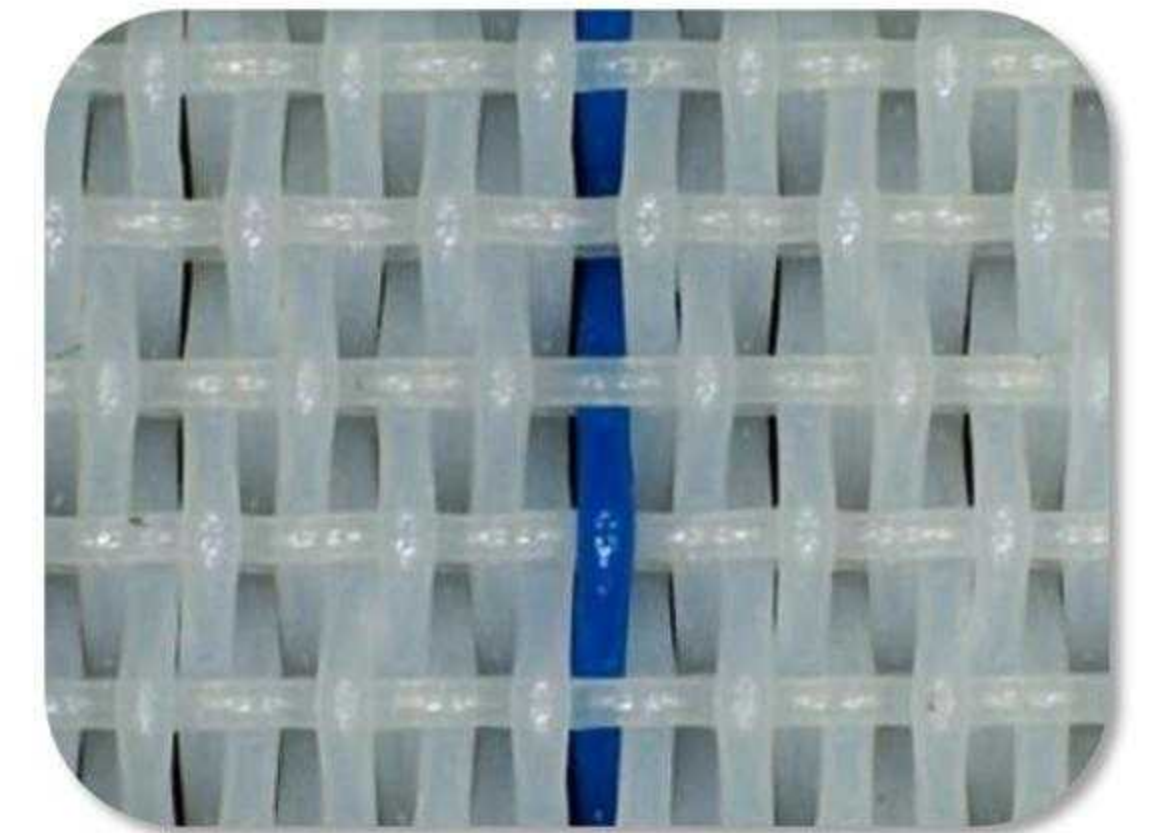
Flat Yarn Dryer Screen

Type	Filament diameter (mm)		Density (root/cm)		Tensile strength (N/cm)			Weight (Kg/m ²)	Thickness (mm)	Air permeability (m ³ /m ² h)	CFM 200Pa
	Warp	Weft	Warp	Weft	Surface	Joint	Spiral ring joint				
4106-2	0.35x0.68	0.50	19.6	15.7	2200	1500	900	1.10	1.62	5500	345
15505	0.25x0.40	0.50	17	13.5	2000	1500	900	0.75	0.83	6500	406
20654	0.33x0.52	0.65	22	7.50	2000	1400	800	1.02	1.35	10000	625
18688	0.30x0.58	0.35	20	18.5	2000	1400	800	1.20	1.40	1600	100
		0.68									
16904	0.29x1.06	0.90	15.2	8.6	2600	1800	1500	1.33	1.54	1920	120
		0.98									



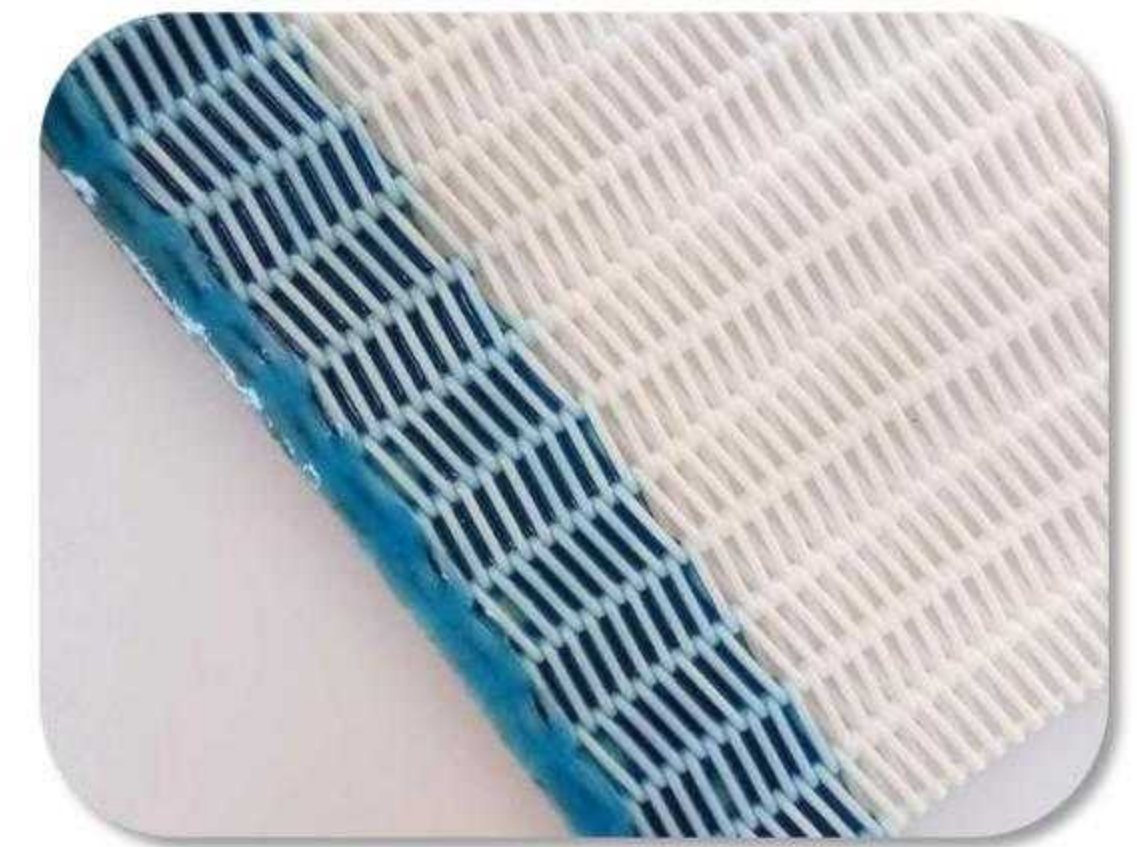
Round Yarn Dryer Screen

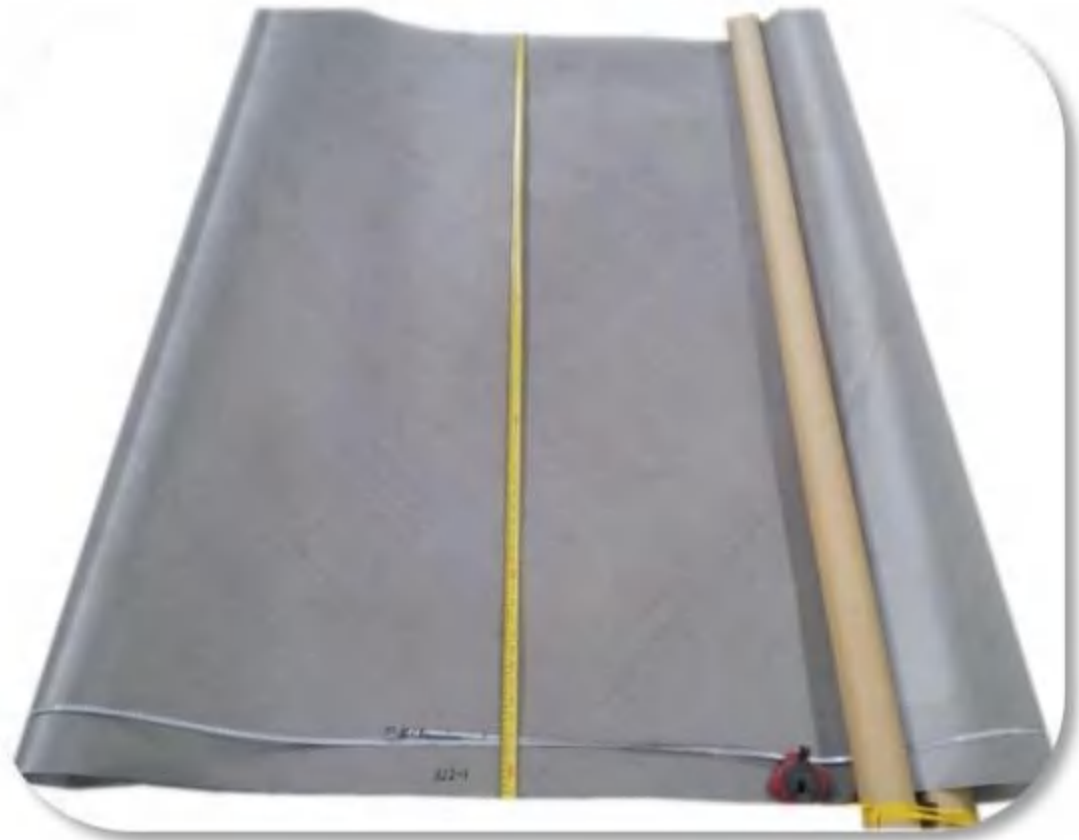
Type	Filament diameter (mm)		Density (root/cm)		Tensile strength (N/cm)			Weight (Kg/m ²)	Thickness (mm)	Air permeability (m ³ /m ² h)	CFM 200Pa
	Warp	Weft	Warp	Weft	Surface	Joint	Spiral ring joint				
22503	0.50	0.50	24	12	2000	1400	900	1.06	2.0	8000	500
24503	0.50	0.50	25	12	2000	1400	900	1.10	2.0	7000	438
22504	0.50	0.50	24	12	2000	1400	900	1.26	2.10	12000	750
24504	0.50	0.50	26	12	2100	1500	950	1.30	2.10	11000	680
4106	0.50	0.50	23	12.6	2200	1500	900	1.20	1.75	6800	425
4106-1	0.50	0.30/0.70	22.8	12.6	2200	1500	900	1.30	1.80	8000	500
26506	0.35	0.50	28	12.5	1680	1400	800	0.82	1.10	4640	290



Spiral Loop Dryer Screen

Type	Spiral loop width (mm)	Filament diameter (mm)		Tensile strength (N/cm)	Weight (Kg/m ²)	Thickness (mm)	Air permeability (m ³ /m ² h)	CFM 127Pa
		Spiral ring	Connection					
5080A	5.2	0.50	0.80	1800	1.00	2.10	15000	937
6280A Red	5	Flat yarn 0.62*0.30	0.80	1600	0.90	1.90	13000	820
6890A	8	0.68	0.90	2000	1.31	2.45	18000	1125
6890B	7.15	0.68	0.90	2000	1.40	2.45	16000	1000
7090B	7.5	0.7	0.90	2200	1.45	2.60	16500	1031
70100B	7.2	0.7	1.00	2200	1.50	2.54	16800	1050
9090A1Red	8	Flat yarn 0.90*0.60	0.90	1800	1.60	2.80	17000	1060
9090A2	8	0.90	0.90	2300	1.80	3.03	19000	1188
PPS9090B High temperature resistance 250°C	6.48	0.90	0.90	2000	1.90	3.30	14000	875
PPS9090C High temperature resistance 250°C	8.30	0.90	0.90	2000	1.74	3.50	19000	1188
90110A	10	0.90	1.1	2300	1.65	3.15	20000	1250
100100A	9.15	1.0	1.00	2000	2.0	3.35	17000	1060
120130A	1.2	1.20	1.30	2600	2.35	4.30	22000	1375





Stainless Steel Cover Mesh



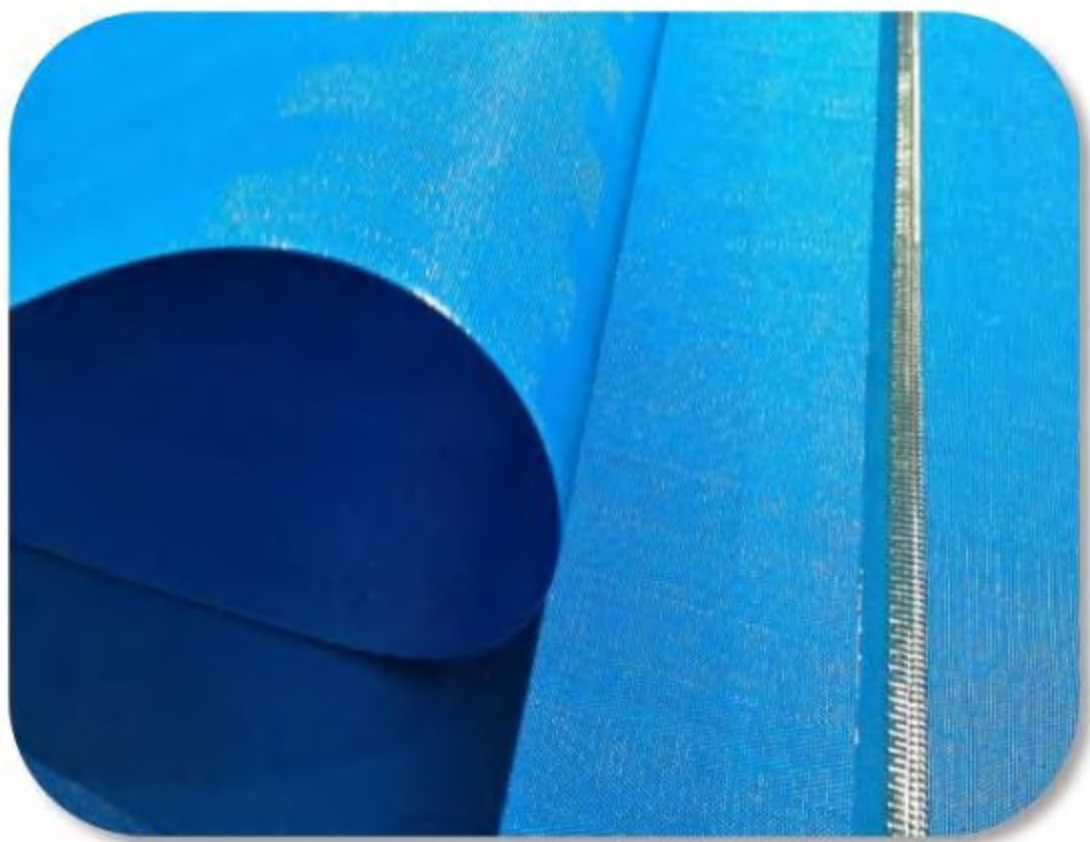
Polyester Cover Mesh



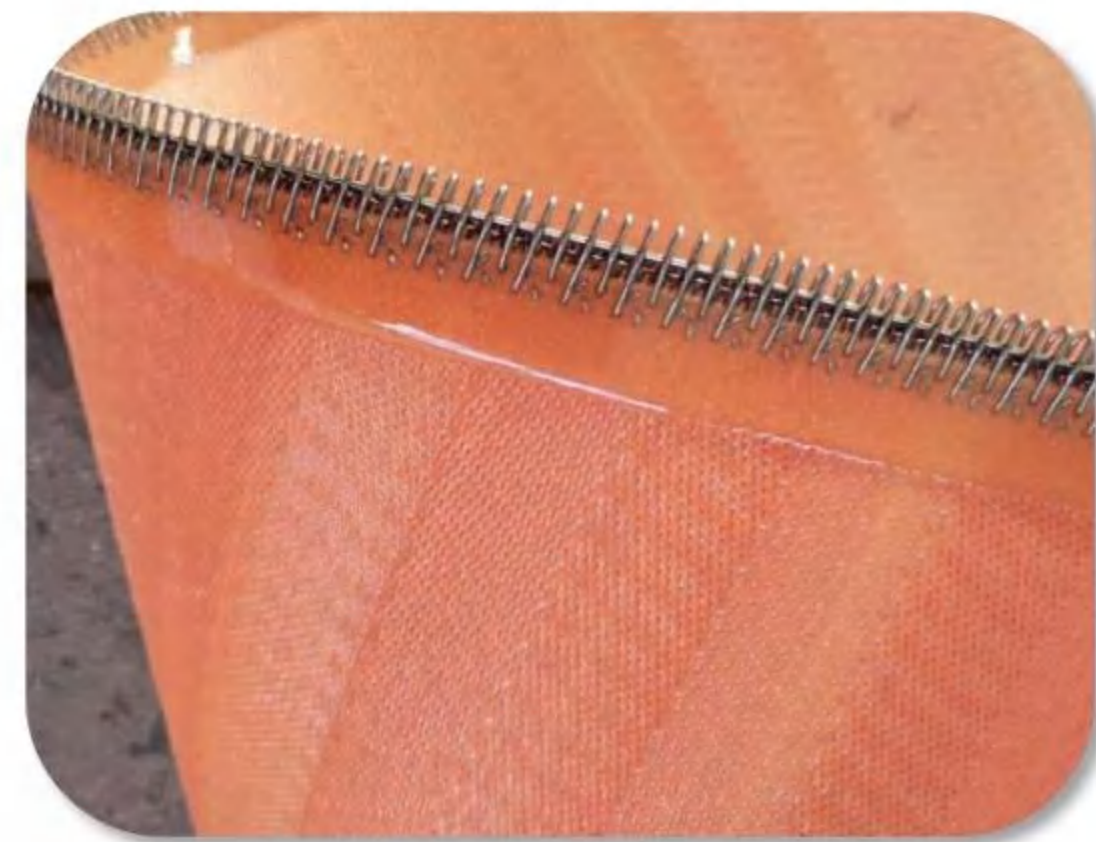
Pulp Washing Belt



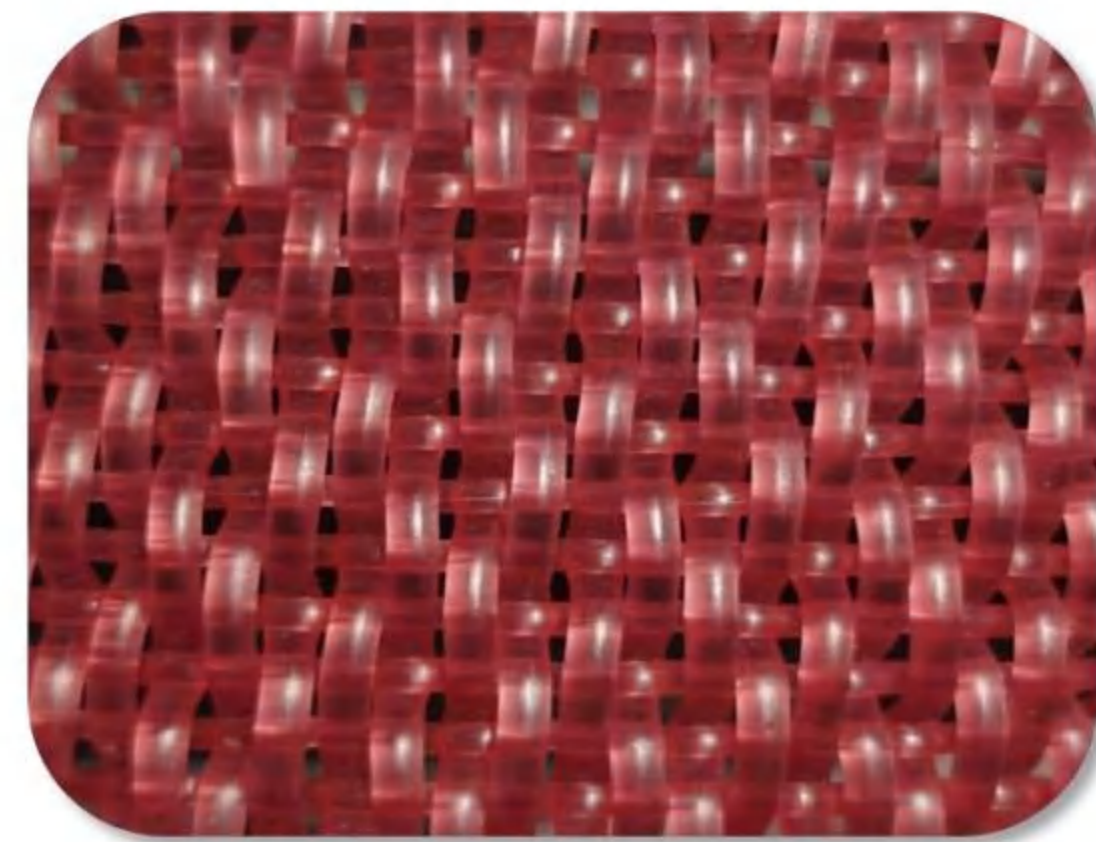
Disc Filter Bag



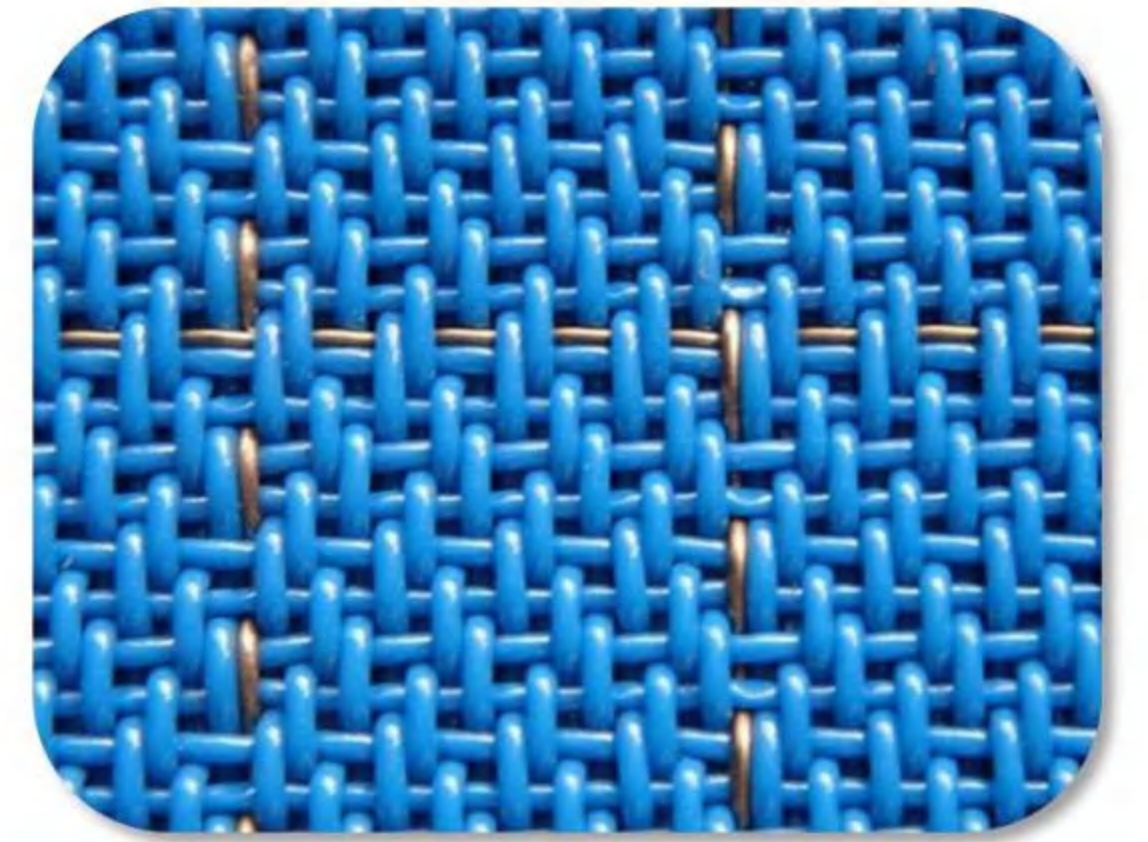
Sludge Dewatering Belt



Desulfurization Belt



Anti-alkali Belt



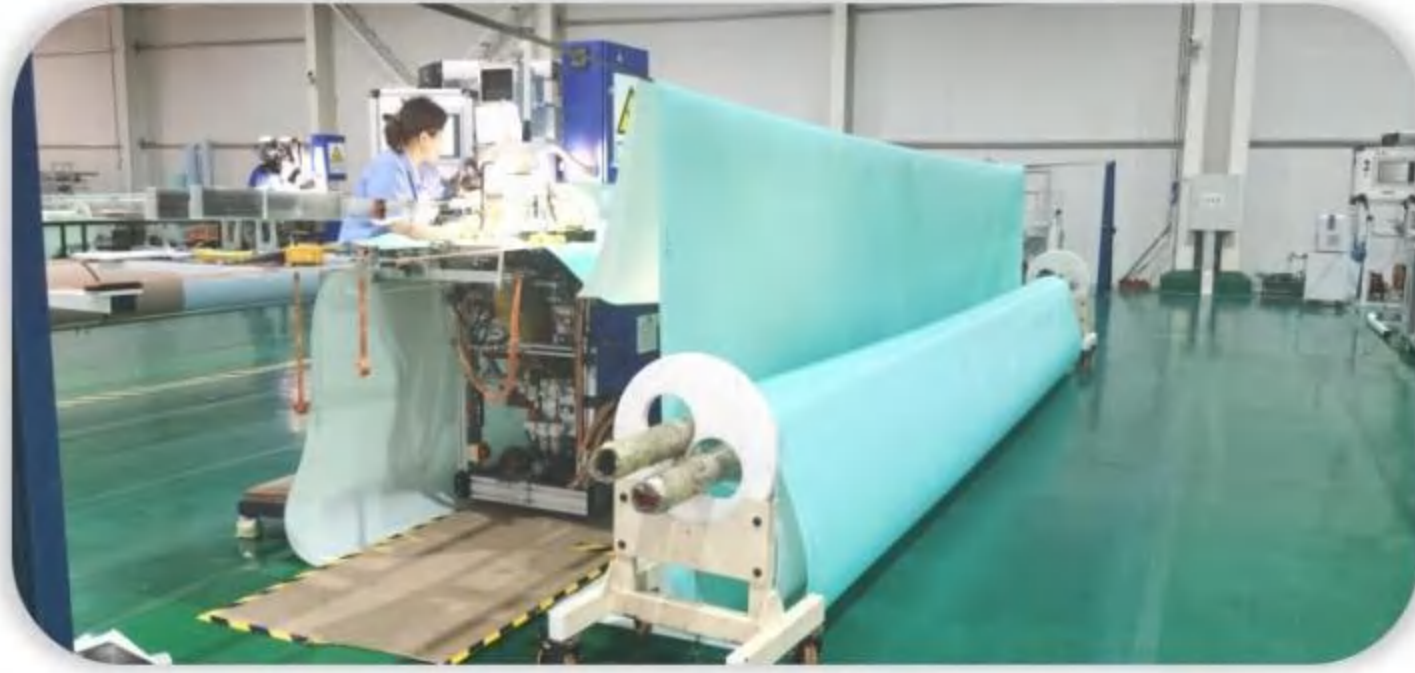
Anti static Belt

LEIZHAN GROUP

We strictly
control every
aspect of
production



LEIZHAN keeps improving for safer operation, better quality, longer life



First Class Manufacturing Equipment

We have a whole set of the world's advanced PMC production line. It lays a solid foundation for the production of high quality products

- The width of 11M-26.5M complete specifications of the Swedish TEXO weaving heavy loom, and German Jurgens loom
- Sweden TEXO warping loom
- Canada ISO winding loom
- The width of 13.2M Austria FEHRER main needling loom
- The world's most advanced double oil heat setting loom

Professional Service With Heart

We insist on taking technology as the guide and quality as the cornerstone, closely following the development trend of the industry, meeting the differentiated needs of customers, assisting paper mills in industrial upgrading, and achieving stable improvement of paper machine operation efficiency and continuous cost reduction.



“Unity, innovation, pragmatism,
and truth-seeking”

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