



The right supplier you are looking for



High-end mesh belt manufacturer

Conveying value for nonwoven industry
Creating platform for employee happiness



www.yhfilterbelt.com

Henan Yiheng Mesh Belt Industry Co., Ltd.

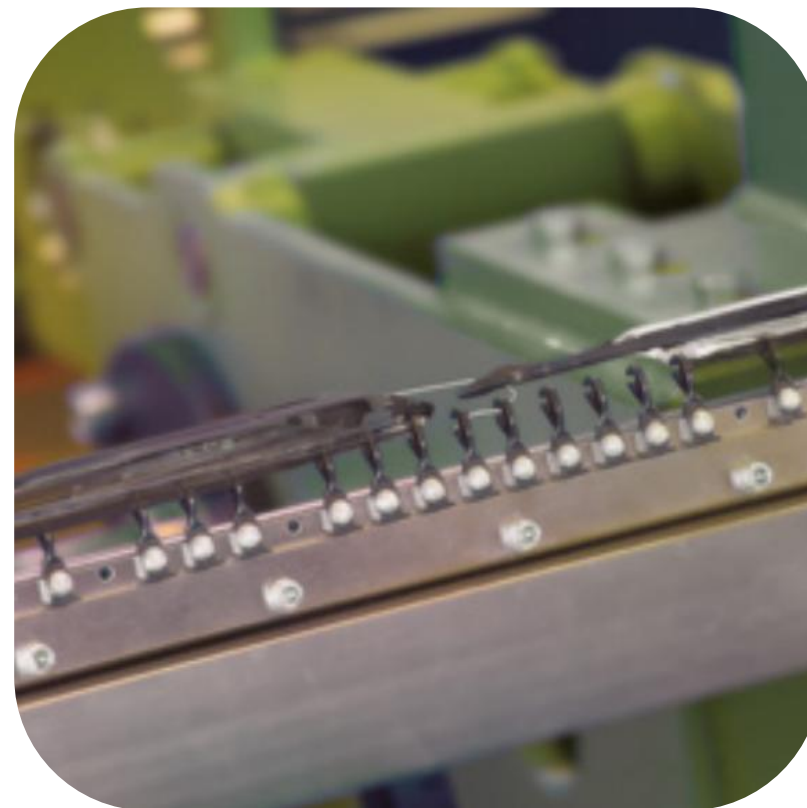
- A nonwoven mesh belts manufacturer with 20+ years production experience, domestic leading technology.
- Focus on forming mesh belts in spunmelt nonwoven industry, multi-series solution.
- Serving many high-end, high-speed, low-gsm nonwoven industry customers around the world, rich after-sales experience.



Excellent material



- We use domestic advanced monofilaments, which is more wear-resistant and better toughness; Adopt international advanced anti-hydrolysis red flat PET with high viscosity and tensile strength.



- We have plan to import advanced rapier loom equipment, exquisite craftsmanship, and perfect weaving technology to create high-end mesh belt products in the polyester mesh industry.

Belt production line



- With 40 standard plug-in machines and 2 advanced semi-automatic plug-in machines. Plug technical workers with more than 10 years of experience, advanced and stable interface technology.



- The maximum speed can meet 1200 meters/min requirement, and the air permeability of mesh belt can reach about $12,000\text{m}^3/\text{m}^2/\text{h}$. with domestic customized heavy-duty loom, the widest equipment in the non-woven mesh belt industry, the mesh belt size can be up to 9 meters in width and 100 meters in length.

**Exclusive
mesh belt
solution**

**Customized
service**

**Focus on
mesh belts
for 20 years**

Offer professional
services, best quality
products and technical
solutions

**Source
factory**

High cost-effective,
stable quality/delivery
time

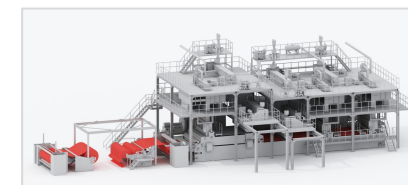
**After-sales
guarantee**

Response in 5 minutes,
solution offered in 2
hours

Cases (5 Beams equipment)



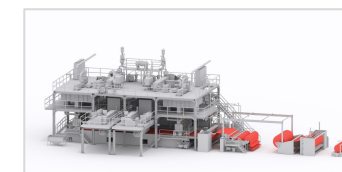
Regular client	Mchine brand	Beam type	Running speed	Products	Cooperation time	Feedback
Client A	Sincilon	SSMMS	500m/min	Hygienic	4years	Runs stably and service life of more than 4 months
Client B	Hongda	SSMMS	800m/min	Hygienic	2years	Runs stably at high speeds, replacing Imported expensive belt, High cost performance
Client C	Hongda	SSMMS	600m/min	Hygienic	2years	Wear-resistant and durable, with a service life of about 6 months
Client D	RF4	SSMMS	1000m/min	Hygienic	4years	High cost performance, suitable for high-end equipment from recofil
Client E	Hongda	SSMMS	600m/min	Hygienic	2years	Runs stably at high speeds and is good at producing low gsm fabric
Client F	Hongda	SSMMS	800m/min	Hygienic	2years	Runs stably at high speeds, replacing Imported expensive belt
Client G	RF4	SSMMS	600m/min	Hygienic	2years	Stable quality, high cost performance, can replace Imported expensive belt
Client G	RF4	SSMMS	1200m/min	Hygienic	4years	Stable quality, high cost performance, can replace Imported expensive belt



SSMMS spunmelt line

Cases(4 Beams equipment)

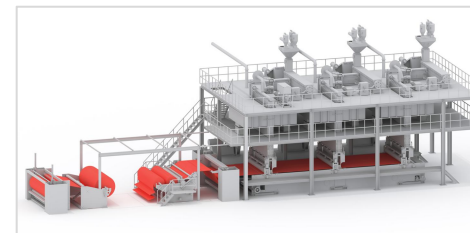
Regular client	Mchine brand	Beam type	Running speed	Products	Cooperation time	Feedback
Client A	CL	SSMS	500m/min	Hygienic	4years	Runs stably service life of more than 4 months
Client B	CL	SSMS	500m/min	Hygienic	3years	Runs stably service life of more than 6 months
Client C	Sanyang	SSMS	500m/min	Hygienic	3years	Seam is strong service life more than 6 months
Client D	Sanyang	SMSS	500m/min	Hygienic	5years	Economical and practical alternative to Imported expensive belt
Client E	Hongda	SSMS	600m/min	Hygienic	4years	Good anti-static performance, low price, very satisfied
Client F	Yanpeng	SMMS	170m/min	Medical	1year	Runs stably
Client G	AOLONG	SMMS	600m/min	Medical Hygienic Package	13year	Stable and reliable operation on the machine



SMMS spunmelt line

Cases(3 beams equipment)

Regular client	Machine brand	Beam type	Running speed	Products	Coopeation time	Feedback
Client A	Sanyang	SMS	400m/min	Hygienic	2years	Run stably
Client B	Yanpeng	SMS	400m/min	Hygienic	3years	Solved the static electricity problem
Client C	Yangpeng	SMS	400m/min	Package	3years	Stable quality and high cost performance
Client D	CL	SMS	500m/min	Hygienic	5years	Good quality
Client E	Yangpeng	SSS	400m/min	Hygienic	3years	Wear-resistant and durable, cost-effective



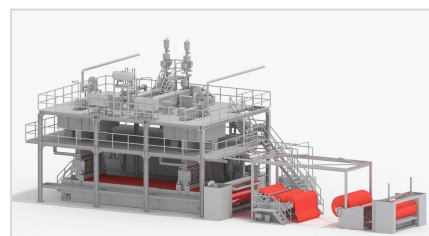
SSS spunbond line



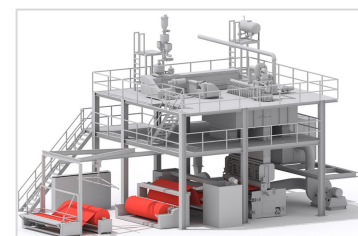
SMS spunmelt line

Cases(SS/S/M equipment)

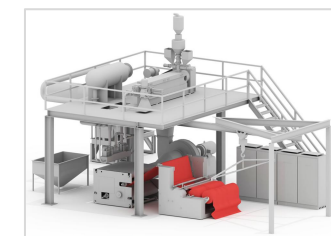
Regular client	Machine brand	Production line	Running speed	Products	Cooperation time	Feedback
Client A	---	S/SS	300m/min	package	3years	Run stably service life of more than 4 months
Client B	---	S/SS	200m/min	Hygienic	2years	Table quality and high cost performance
Client C	Shaoyang	SS	400m/min	Hygienic	5years	Easy to peel off, uniform breathability, highly recognized
Client D	Shaoyang	S	400m/min	Hygienic	5years	Price is favorable
Client E	---	M	100m/min	meltblown	3years	No hanging filaments or deviation



SS spunbond line

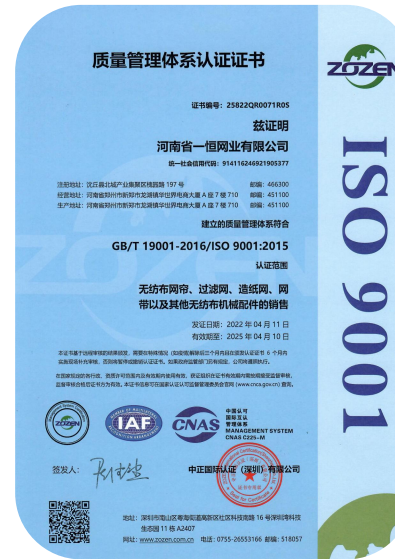
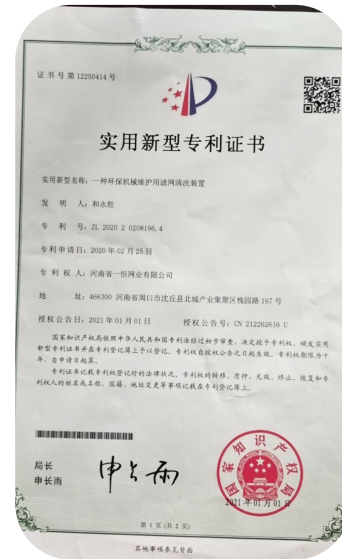
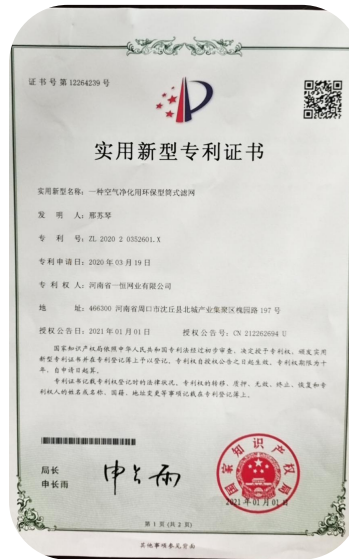
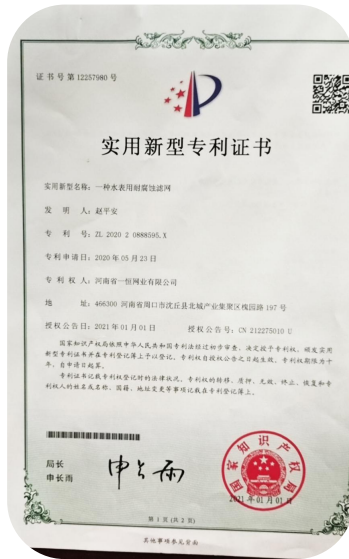


S spunbond line



M metlblown line

Honor certificate



Spunbond line

SSSS、SSS、SS、S、Polyester, polylactic acid and other production lines

Spunmelt line

SSMMSS、SMMMSS、SSSMS、SMMSS、SSMS、SMMS、SMS

Meltblown line

Meltblown nonwoven production line

Spunlace Line

Spunlace nonwoven production line

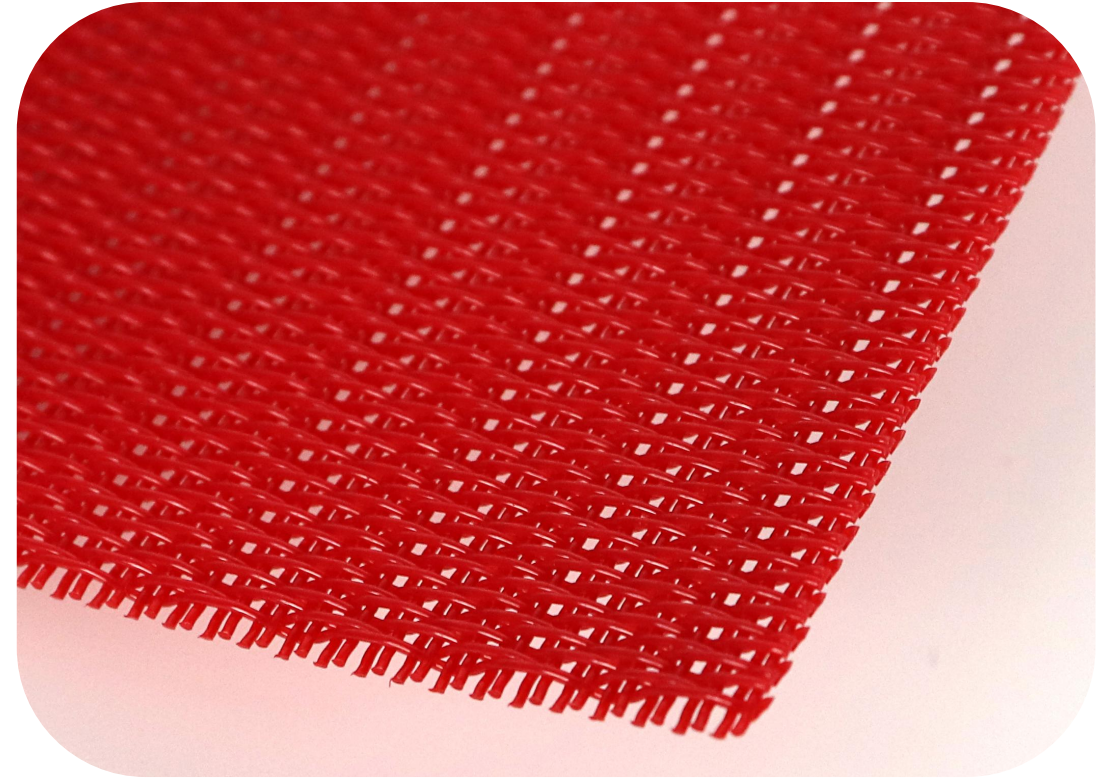
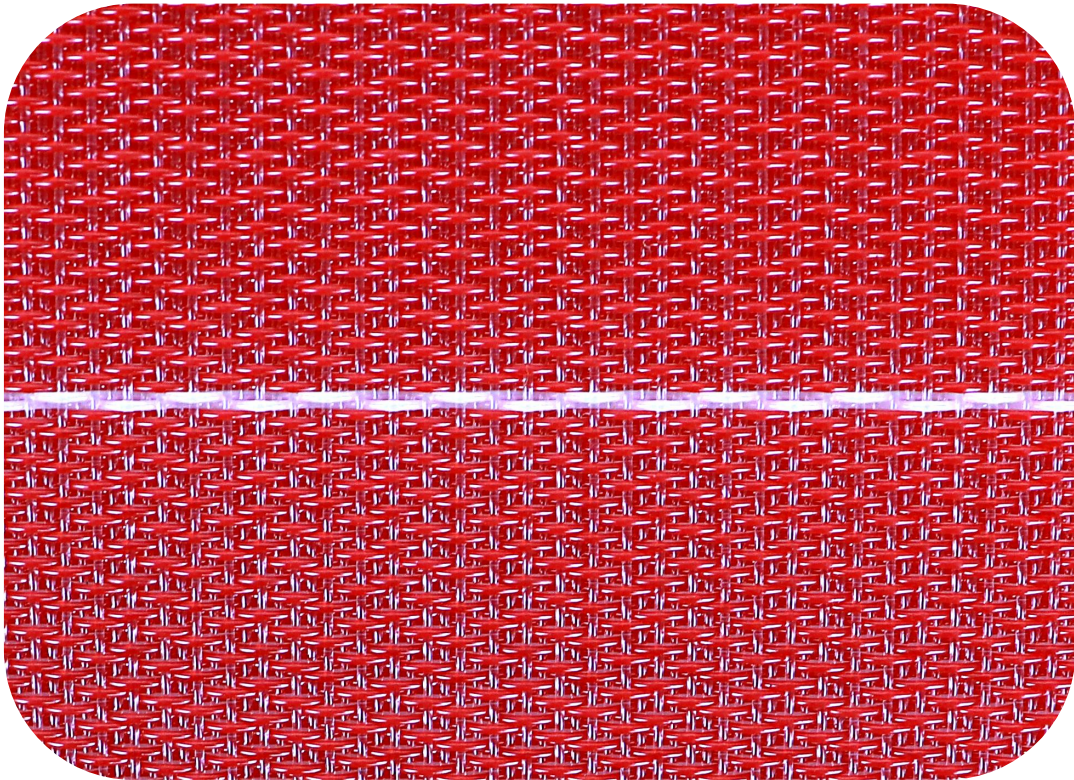
Hot air line

Hot air nonwoven production line

Polyester tire production line

Polyester linoleum base fabric, tire base fabric, linoleum base fabric, waterproof base fabric and other production lines

HY4106 Red round mesh belt



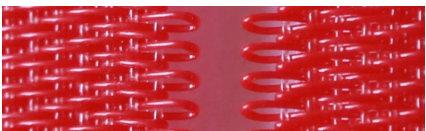
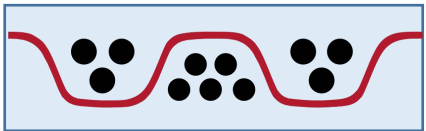
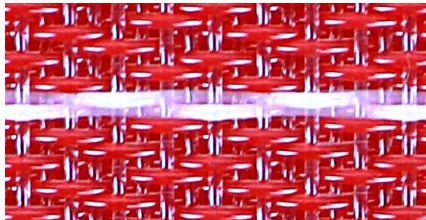
- Adopts China most advanced PET filaments with good wear-resistance and resilience, air permeability is uniform, heat-setting is stable and no deviation, joints are flat and no jumping roller.

HY4106 Red round mesh belt has below features:

1. Adopts China most advanced PET filaments with good wear-resistance and resilience
2. Joint technology is advanced, surface is flat and not easy to hang wires
3. Wear resistant and durable, long lifetime
4. Stable running with no deviation



HY4106 Red round mesh belt



Self-ring joint



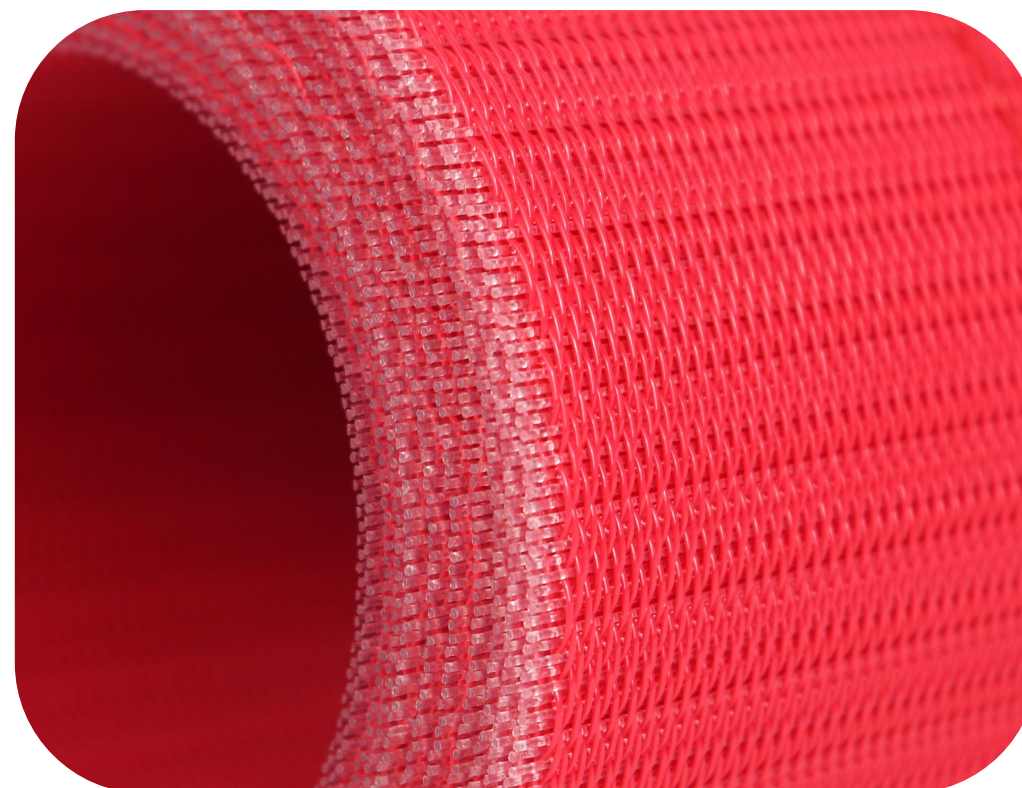
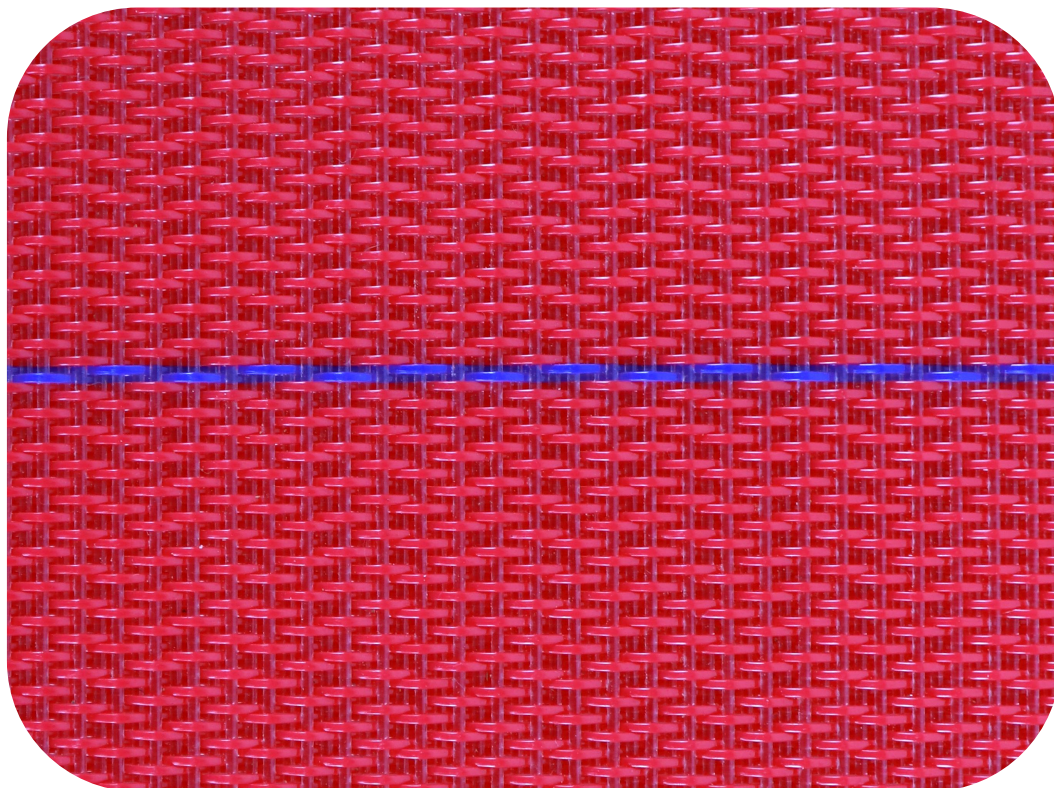
Millet-ring joint



Double-pins joint

Model	HY4106
Material	Red round PET
Weave structure	Above-3 Below-5
Warp	Red 0.50mm
Weft	White 0.50mm
Air permeability	680±30CFM (127Pa/20cm ²)
Layers	1.5layers
Thickness	1.65mm
Gsm	1030g/m ²
Joint	Self-ring/Millet-ring/Double-pins
Glue edge	2cm Glue brushing on welding edges at both sides
Package	Wooden carton/Sack package
Dimension error	Length: <50m, ±5cm Width: <5m, ±1cm
Properties	1. Surface flat 2. Durable, long lifetime 3. High cost-effective

HB4106 Red flat mesh belt



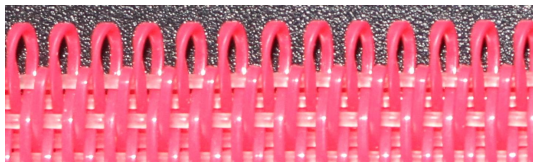
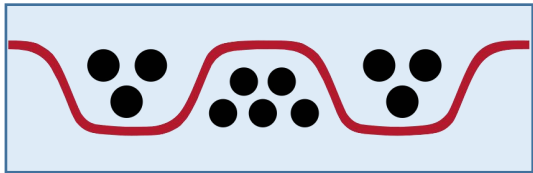
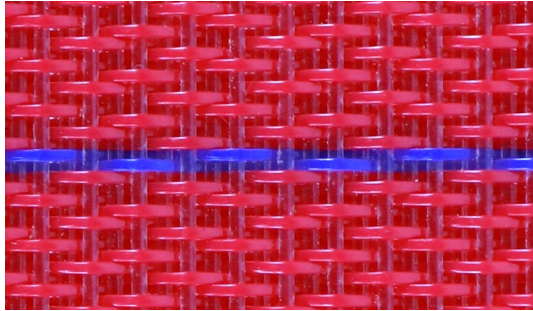
- Adopts China most advanced PET filaments with good wear-resistance and resilience, air permeability is uniform, heat-setting is stable and no deviation, joints are flat and no jumping roller.

HB4106 Red round mesh belt has below features:

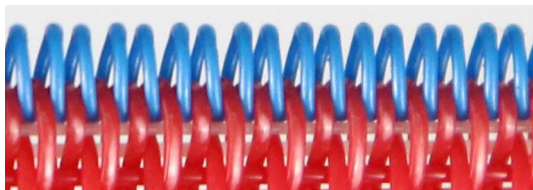
1. Adopts China most advanced PET filaments with good wear resistance and resilience
2. Joint technology is advanced, surface is flat, not easy to hang wires
3. Air permability is uniform, very easy to clean
4. Stable running and no deviation



HB4106 Red flat mesh belt



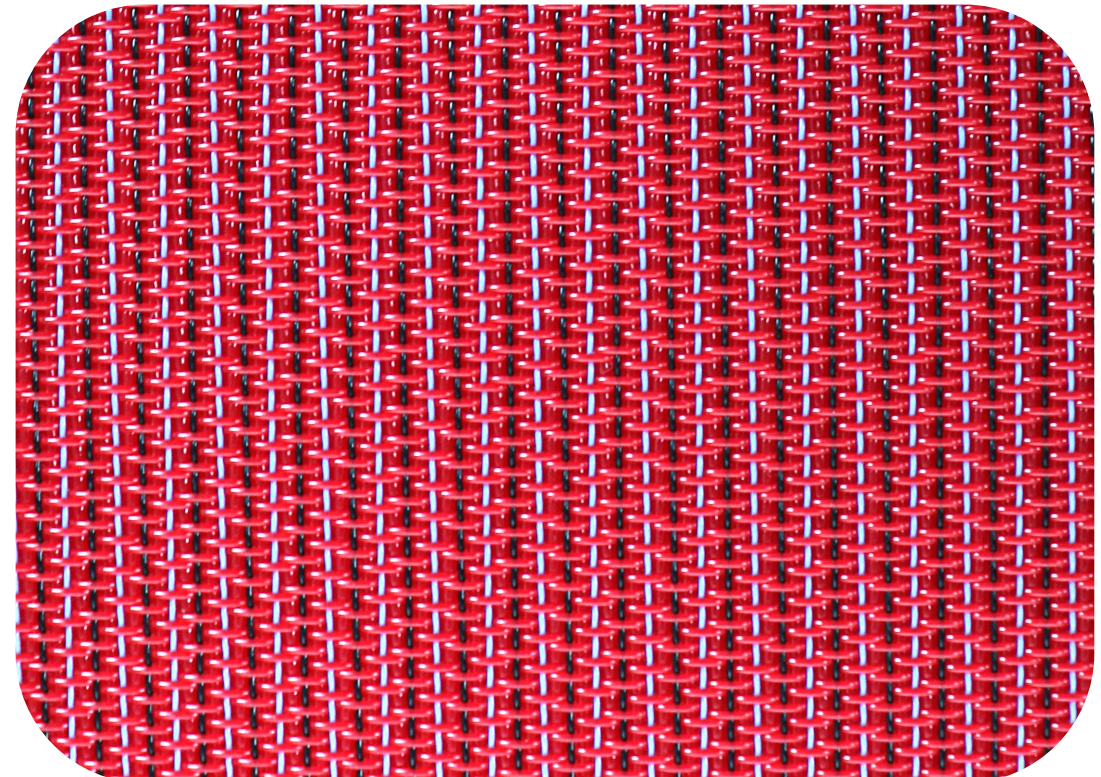
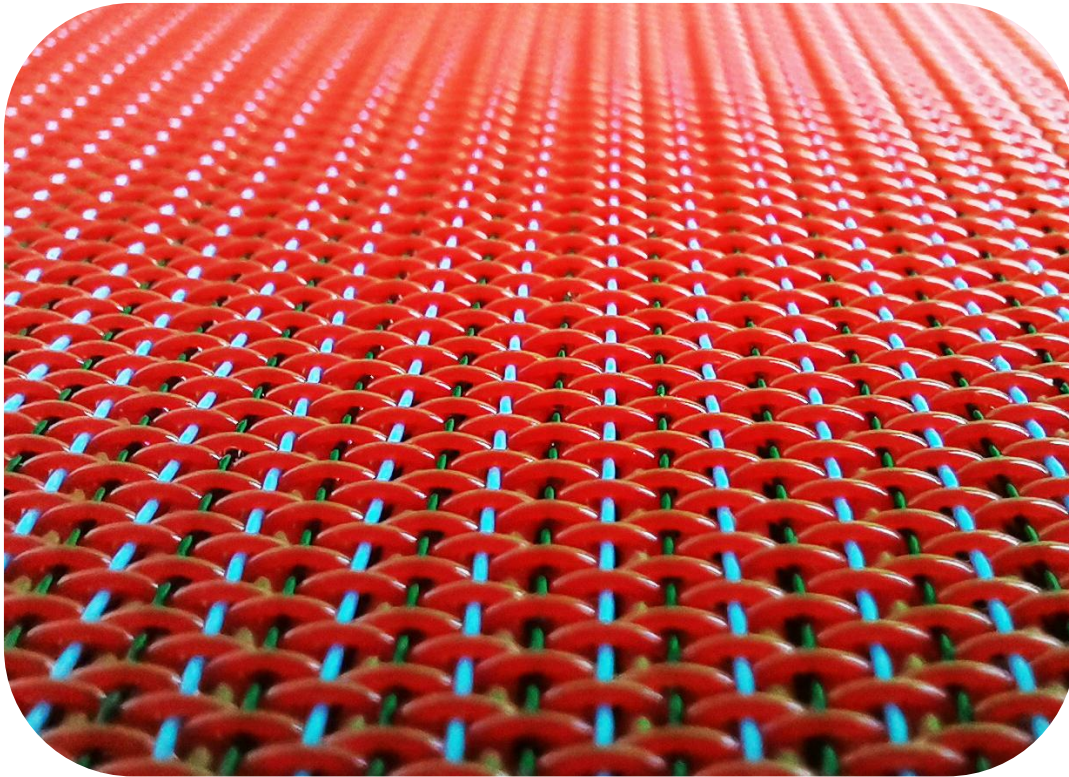
Self-ring



Millet-ring

Model	HB4106
Material	Red flat PET
Weave structure	Above-3 Below-5
Warp	0.38*0.58mm
Weft	0.6mm White 0.6mm
Air permeability	580±30CFM (127Pa/20cm ²)
Layers	1.5Layer
Thickness	1.8mm
Gsm	1030g/m ²
Joint	Self-ring/Millet-ring/Double-pins
Glue edge	2cm Glue brushing on welding edges at both sides
Package	Wooden carton/Sack package
Dimension error	Length: <50m, ±5cm Width: <5m, ±1cm
Properties	1. Mesh belt surface flat and easy to clean 2. Wear resistant and durable, long lifetime 3. Good operating performance

HY408S Three kind of weft filaments mesh belt



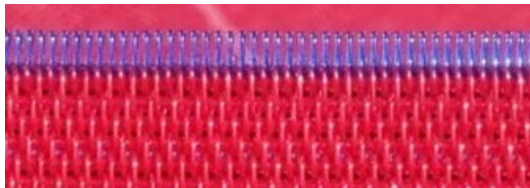
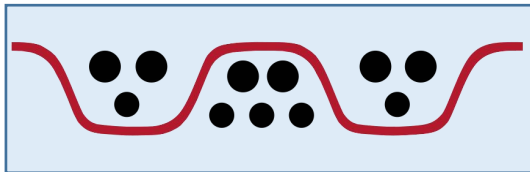
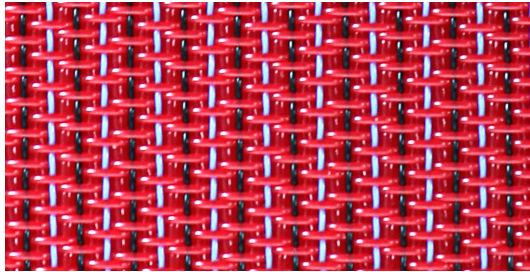
- Three kind of weft filaments adopt the internationally advanced PET filament. HY408S has good balance of adhesion and peelability in high speed line, fabrics easy to be peeled off at high speed with good fit and no float.

HY408S Three kind of weft filaments mesh belt has below features:

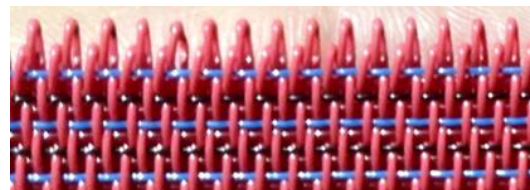
1. Adopts China most advanced filaments with good wear-resistance and resilience
2. Joint technology is advanced, surface is flat and not easy to hang wires
3. Wear resistant and durable, long lifetime
4. Fabric easy to be peeled off at high speed with good fit and no float



HY408S Three kind of weft filaments mesh belt



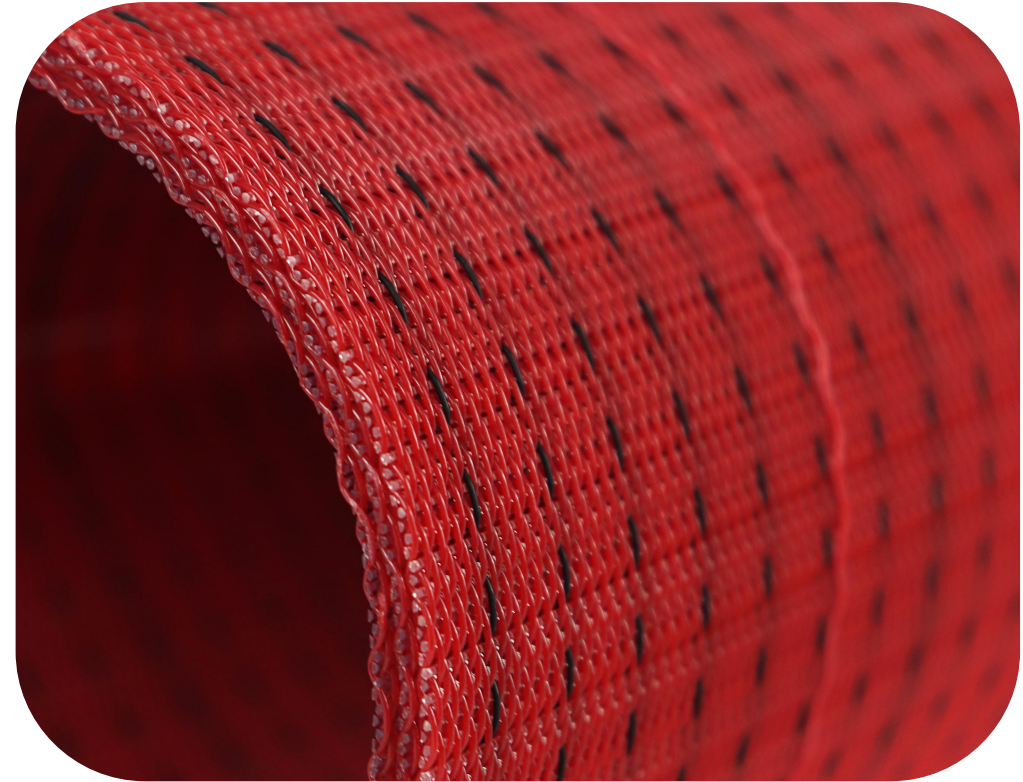
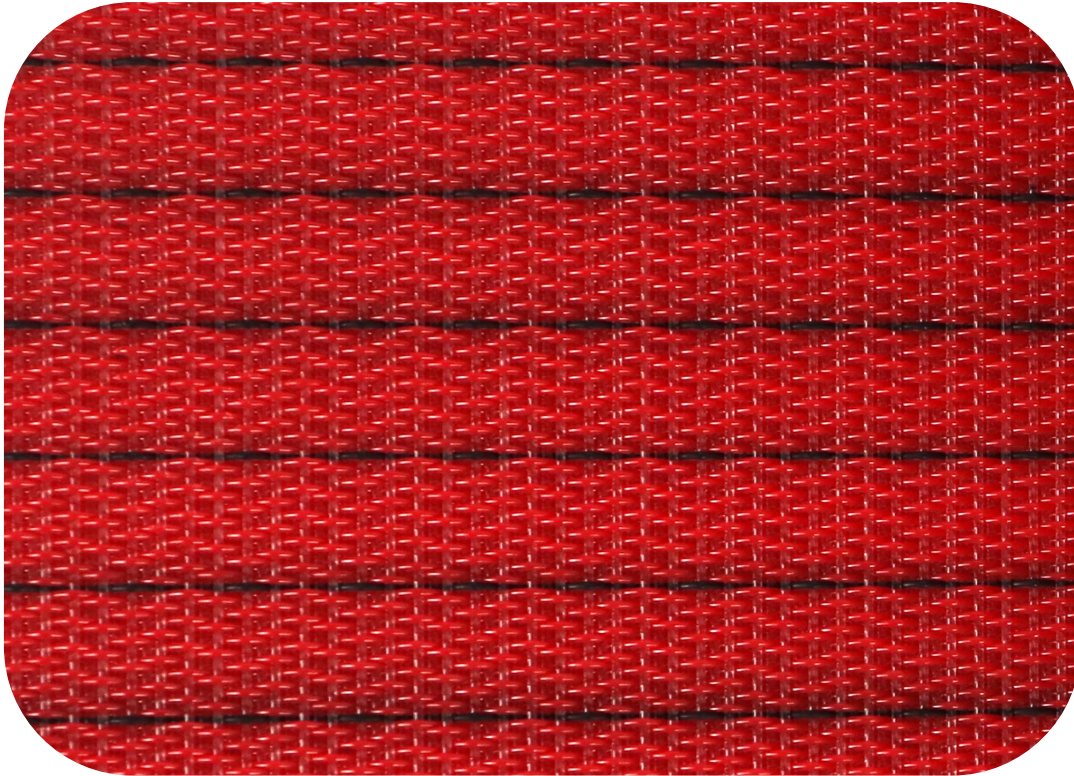
Millet-ring joint



Double-pins joint

Model	HY408S
Material	Anti-static round PET
Weave structure	Above-3 Below-5
Warp	0.50mm Red anti-hydrolysis 0.50mm
Weft	Red anti-hydrolysis round 0.70mm, Black round 0.35mm, Blue anti-hydrolysis round 0.35mm
Air permeability	680±30CFM (127Pa/20cm ²)
Layers	1.5layers
Thickness	1.85mm
Gsm	1100g/m ²
Joint	Millet-ring/Double-pins
Glue edging	2cm Glue brushing on welding edges at both sides
Package	Wooden carton/Sack package
Dimension error	Length: <50m, ±5cm Width: <5m, ±1cm
Properties	1.10 ⁵ -10 ⁶ Ω Conductivity value 2.Durable, long lifetime 3. Good running performance

K4106A High grade anti-static mesh belt



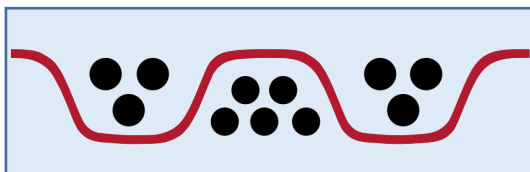
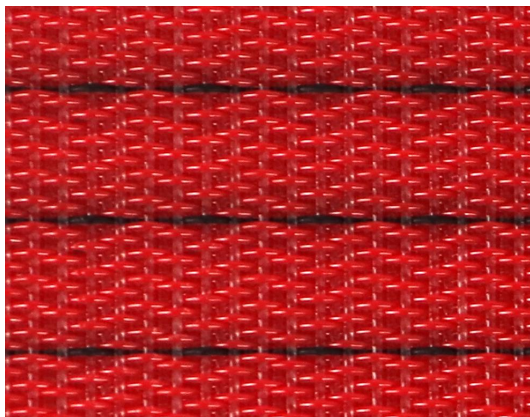
- Weft adopt internationally most advanced PET filaments, the whole mesh belt surface conductive value can reach 10^6 - $10^7\Omega$, it is high cost-effective anti-static mesh belt.

K4106A High grade anti-static mesh belt has below features:

1. Adopt internationally most advanced PET filaments with good anti-static performance
2. Joint technology is advanced, surface is flat and not easy to hang wires
3. Wear resistant and durable, long lifetime
4. High cost-effective anti-static mesh belt



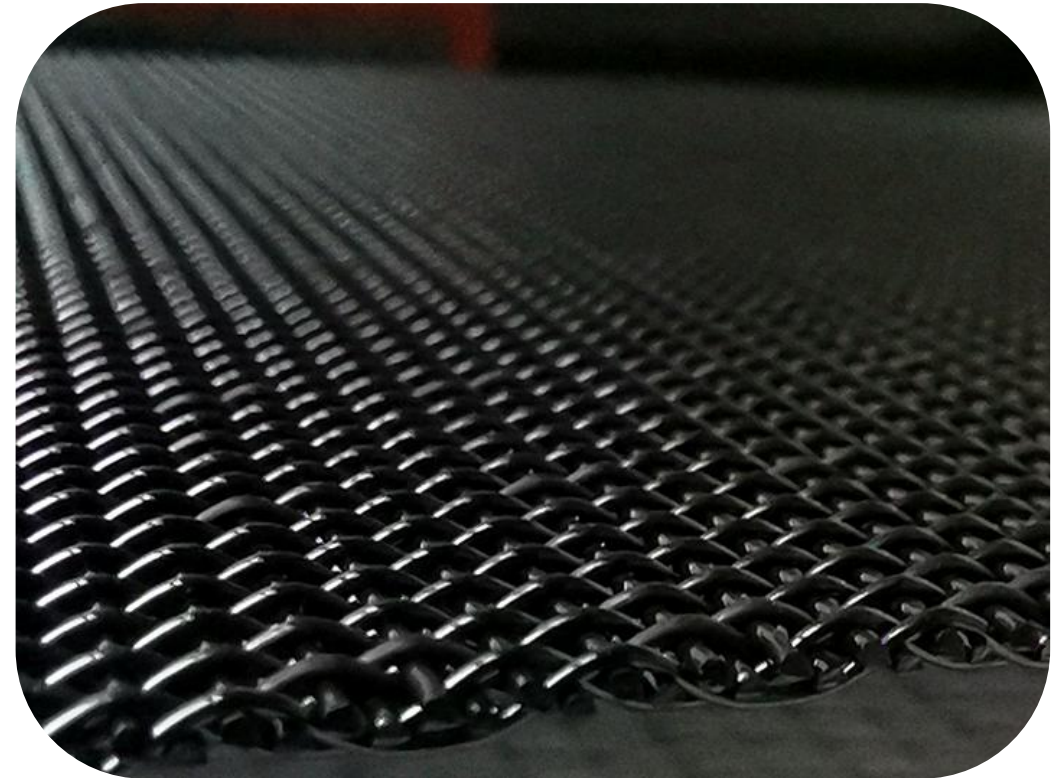
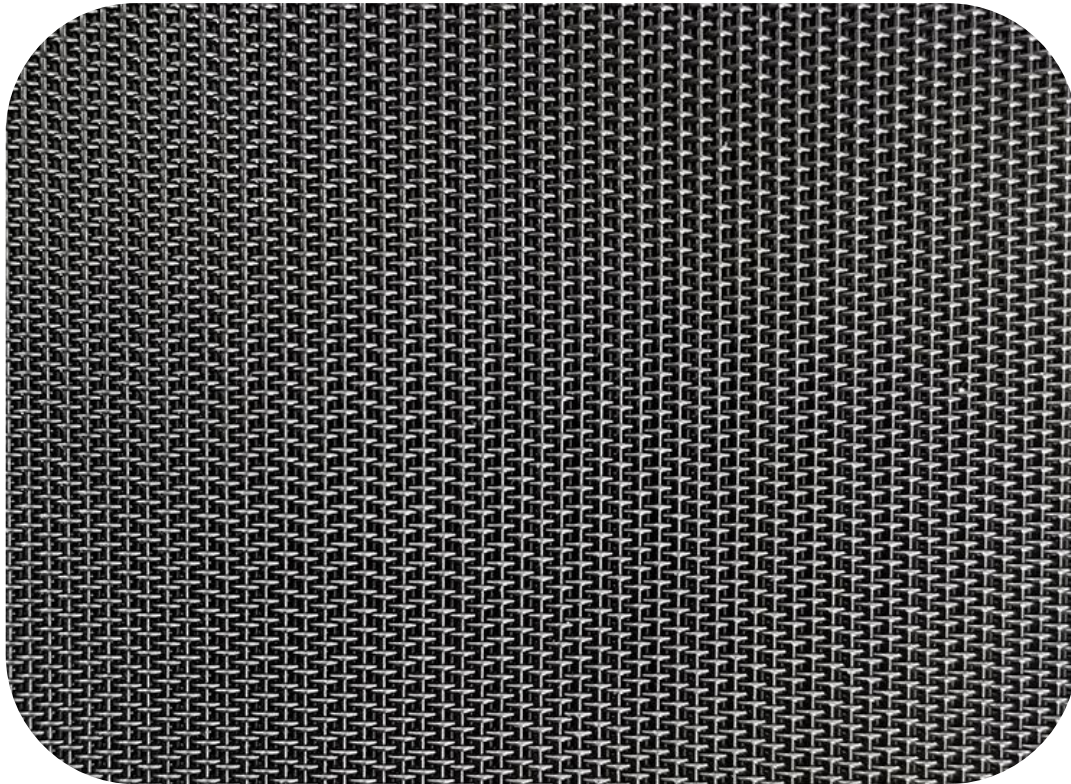
K4106A High grade anti-static mesh belt



Millet-ring joint

Model	K4106A
Material	Anti-static PET flat
Weave structure	Above-3 Below-5
Warp	0.50mm Red,0.52mm Conductive
Weft	White 0.60mm PET
Air permeability	600±30CFM (127Pa/20cm ²)
Layers	1.5layers
Thickness	1.88mm
Gsm	990g/m ²
Joint	Self-ring/Millet-ring
Glue edge	2cm Glue brushing on welding edges at both sides
Package	Wooden carton/Sack package
Dimension error	Length: <50m, ±5cm Width: <5m, ±1cm
Properties	1.10 ⁶ -10 ⁷ Ω Conductivity value 2.Durable, long lifetime 3.High cost-effective

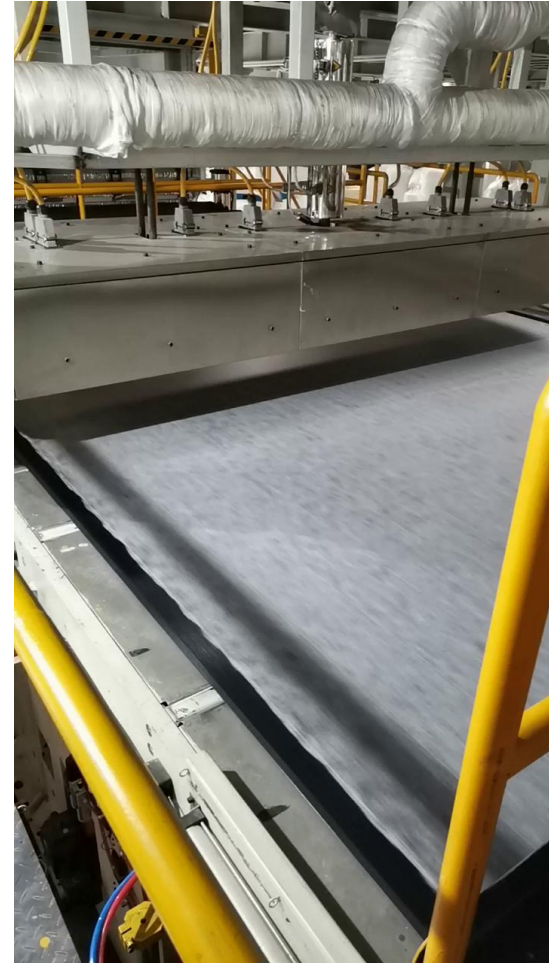
K4106B High grade anti-static mesh belt



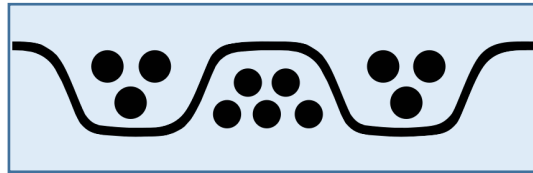
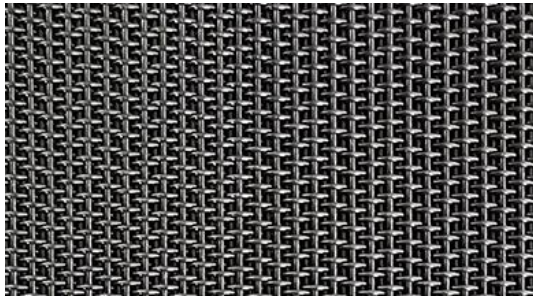
- Warp adopt internationally most advanced black conductive PET and black carbon fiber PET filaments, the whole mesh belt surface conductive value can reach 10^5 - $10^6\Omega$ with better anti-static performance.

K4106B High grade anti-static mesh belt has below features:

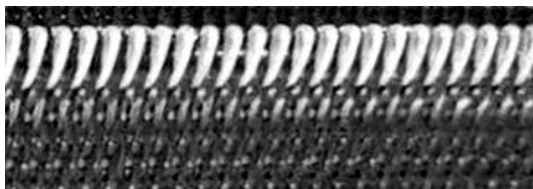
1. Adopt internationally most advanced black conductive PET and black carbon fiber PET filaments with good anti-static performance
2. Joint technology is advanced with flat surface and not easy to hang wires
3. Wear resistant and durable, long lifetime



K4106B High grade anti-static mesh belt



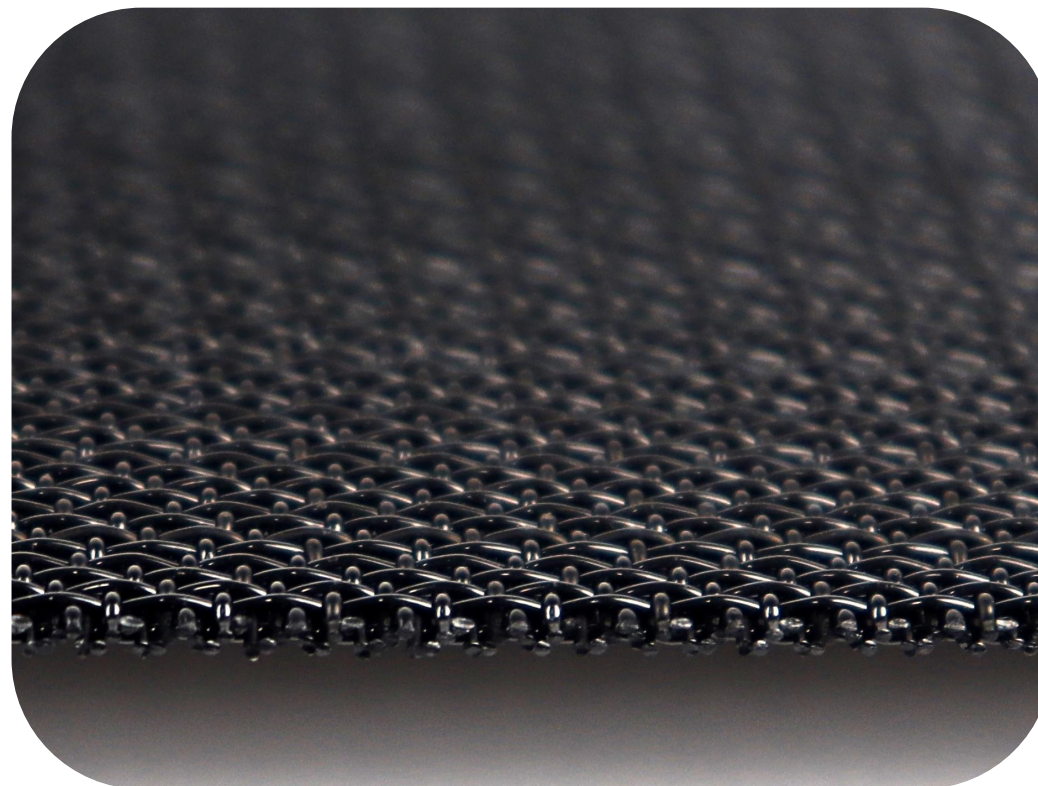
Seft-ring



Millet-ring

Model	K4106B
Material	Anti-static PET round
Weave structure	Above-3 Below-5
Warp	Black round 0.50mm, Black anti-static round 0.52mm
Weft	Black 0.60mm
Air permeability	700±30CFM (127Pa/20cm ²)
Layers	1.5layers
Thickness	1.93mm
Gsm	1100g/m ²
Joint	Seft-ring/Millet-ring
Glue edge	2cm Glue brushing on welding edges at both sides
Package	Wooden carton/Sack package
Dimension error	Length: <50m, ±5cm Wide: <5m, ±1cm
Properties	1.10 ⁵ -10 ⁶ Ω Conductivity value 2.Durable, long lifetime 3.High cost-effective

KJD700 high grade anti-static mesh belt



- Warp adopts internationally most advanced anti-hydrolysis round PET and black conductive PET filaments, the whole mesh belt surface conductive value can reach 10^3 - $10^4\Omega$ with better anti-static performance, more suitable for high-speed line and thin nonwoven fabric production.

KJD700 high grade anti-static mesh belt

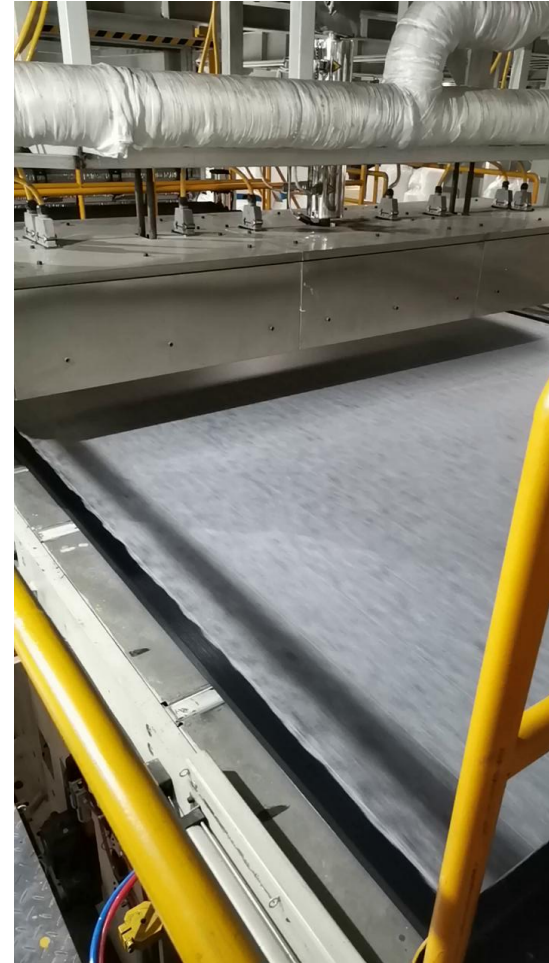


KJD700 High grade anti-static mesh belt has below features:

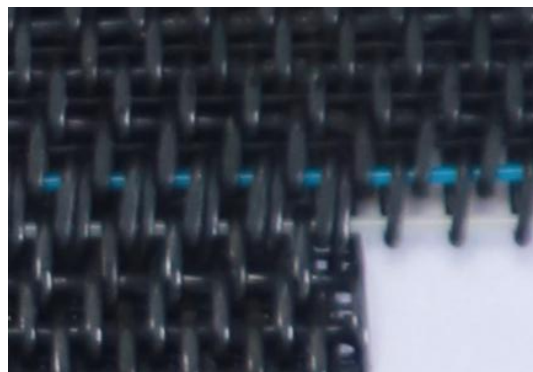
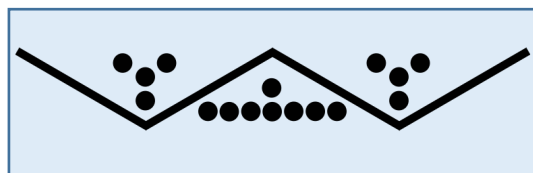
1. Adopt internationally most advanced anti-hydrolysis round PET and black conductive PET filaments with good anti-static performance, more suitable for high speed line and thin nonwoven fabric production.

2. Joint technology is advanced with flat surface and not easy to hang wires

3. Wear resistant and durable, long lifetime



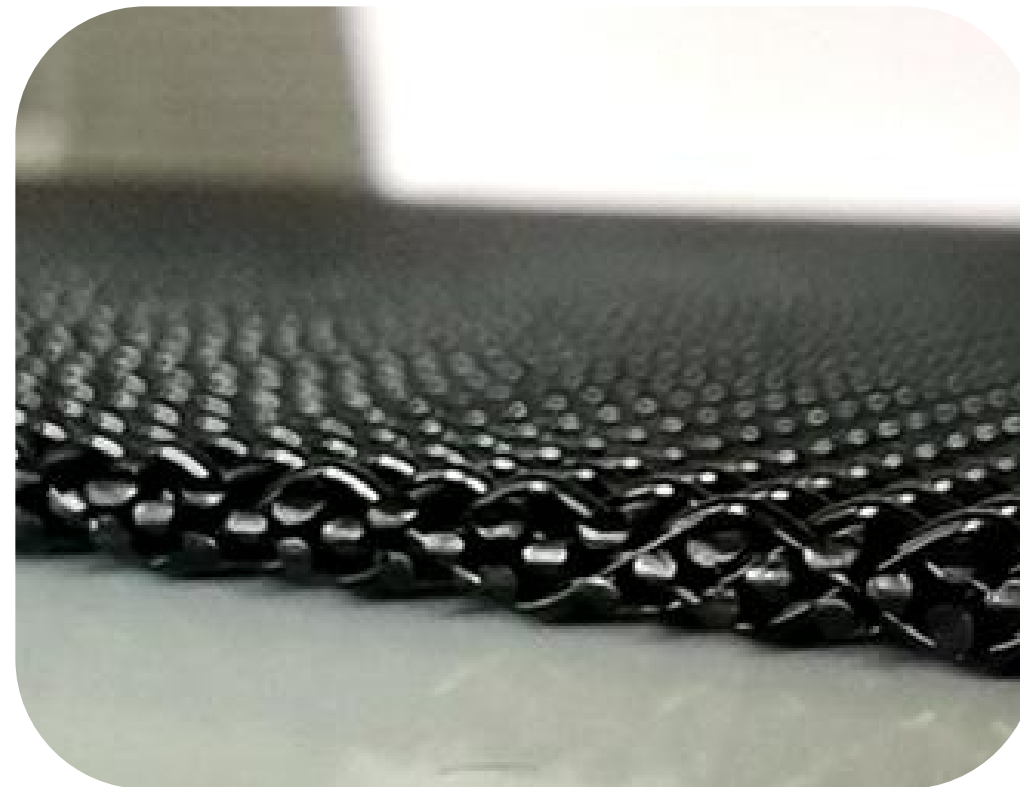
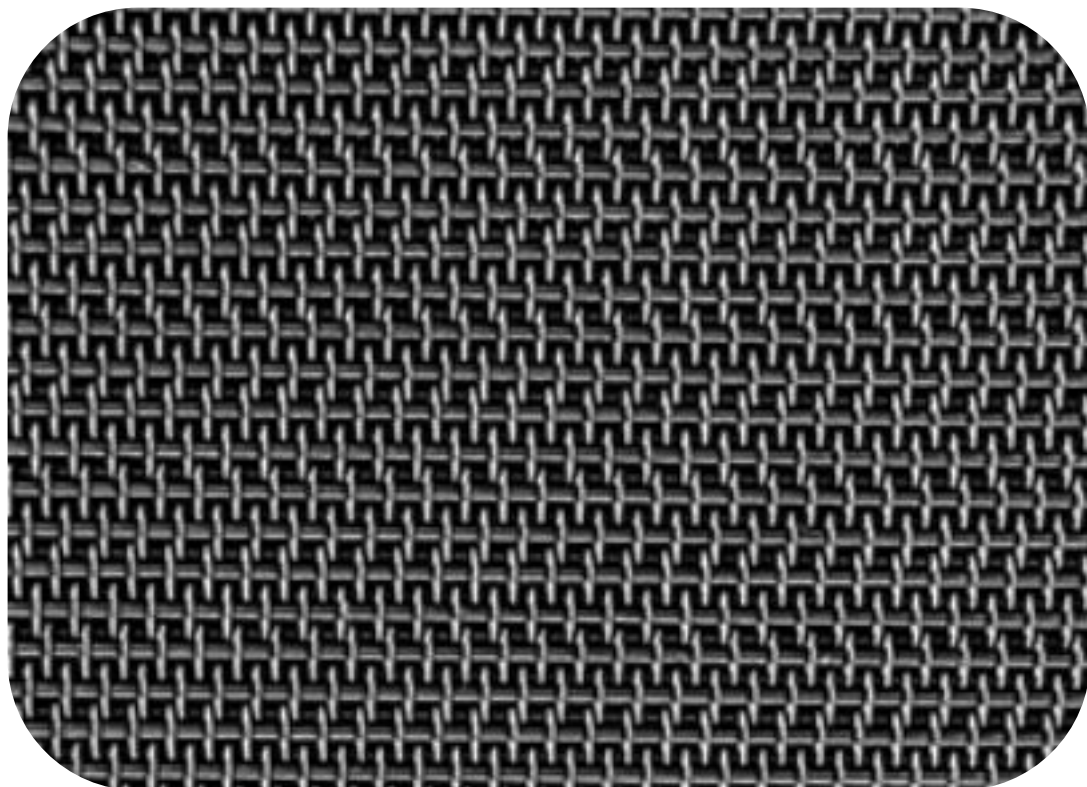
KJD700 high grade anti-static mesh belt



Double-pins joint

Model	KJD700
Material	Anti-hydrolysis PET round, conductive PET, carbon fiber PET
Weave structure	Above-4 Below-8
Warp	Black anti-hydrolysis round 0.50mm, Black conductive 0.50mm
Weft	Black 0.50mm
Air permeability	600±30CFM (127Pa/20cm ²)
Layers	1.5Layers
Thickness	2.34mm
Gsm	1030g/m ²
Joint	Double-pins
Glue edge	2cm Glue brushing on welding edges at both sides
Package	Wooden carton/Sack package
Dimension error	Length: <50m, ±5cm Width: <5m, ±1cm
Properties	1. 10 ³ -10 ⁴ Ω Conductivity value 2. Suitable for two-component and spunlace equipment 3.High adhesion performance

K6012 high grade anti-static mesh belt



- Warp adopts internationally advanced anti-hydrolysis round PET and black conductive PET filaments with better anti-static performance, the whole mesh belt surface air permeability can reach $12000\text{m}^3/\text{m}^2/\text{h}$, can reduce the energy consumption.

K6012 high grade anti-static mesh belt

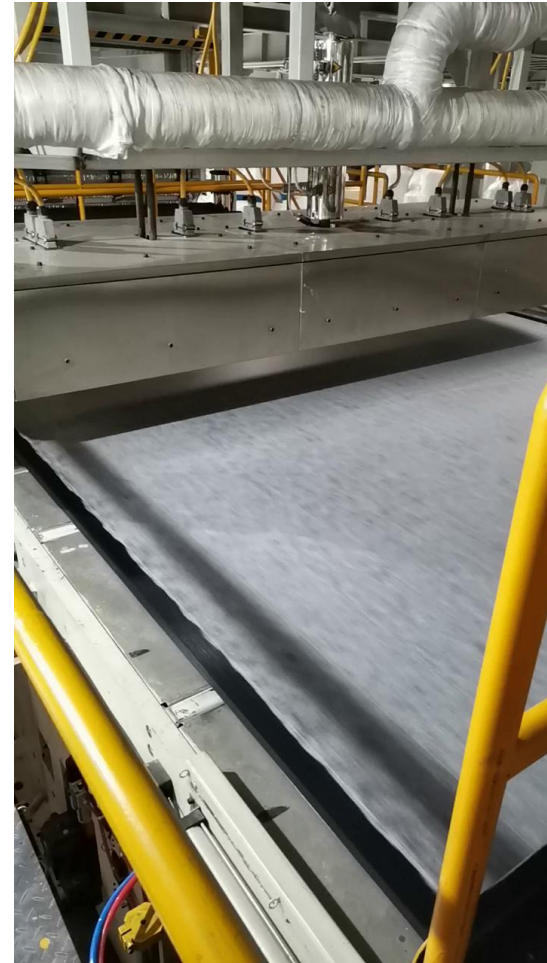


K6012 High grade anti-static mesh belt has below features:

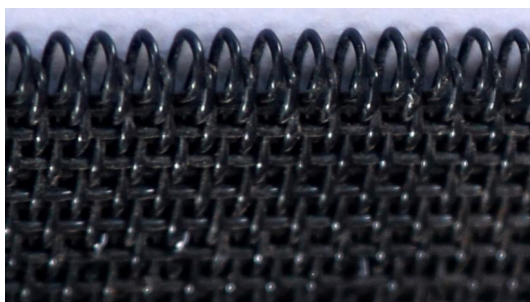
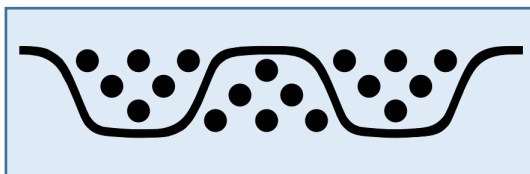
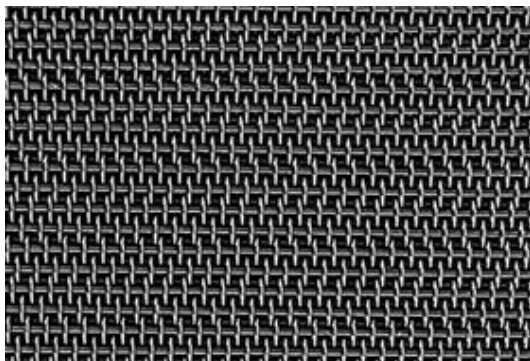
1. Adopt internationally most advanced anti-hydrolysis round PET and black conductive PET filaments with best anti-static performance, air permeability is 12000m³/m²/h, can reduce the energy consumption

2. Joint technology is advanced with flat surface and not easy to hang wires

3. Wear resistant and durable, long lifetime



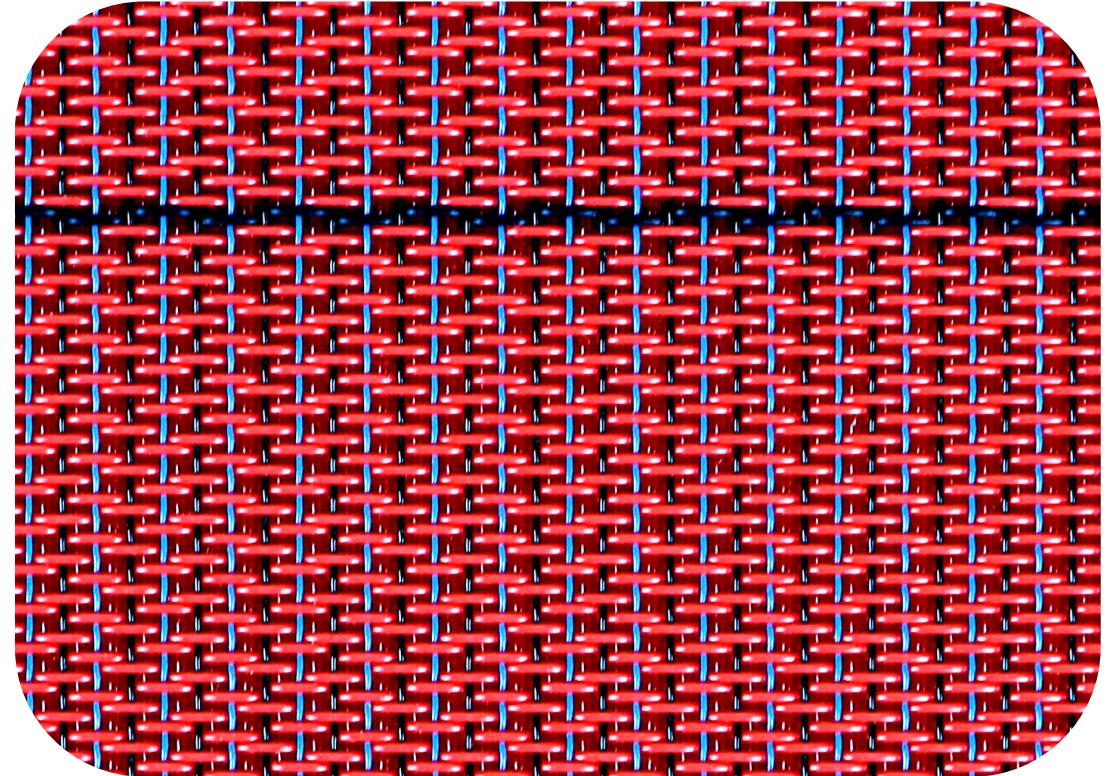
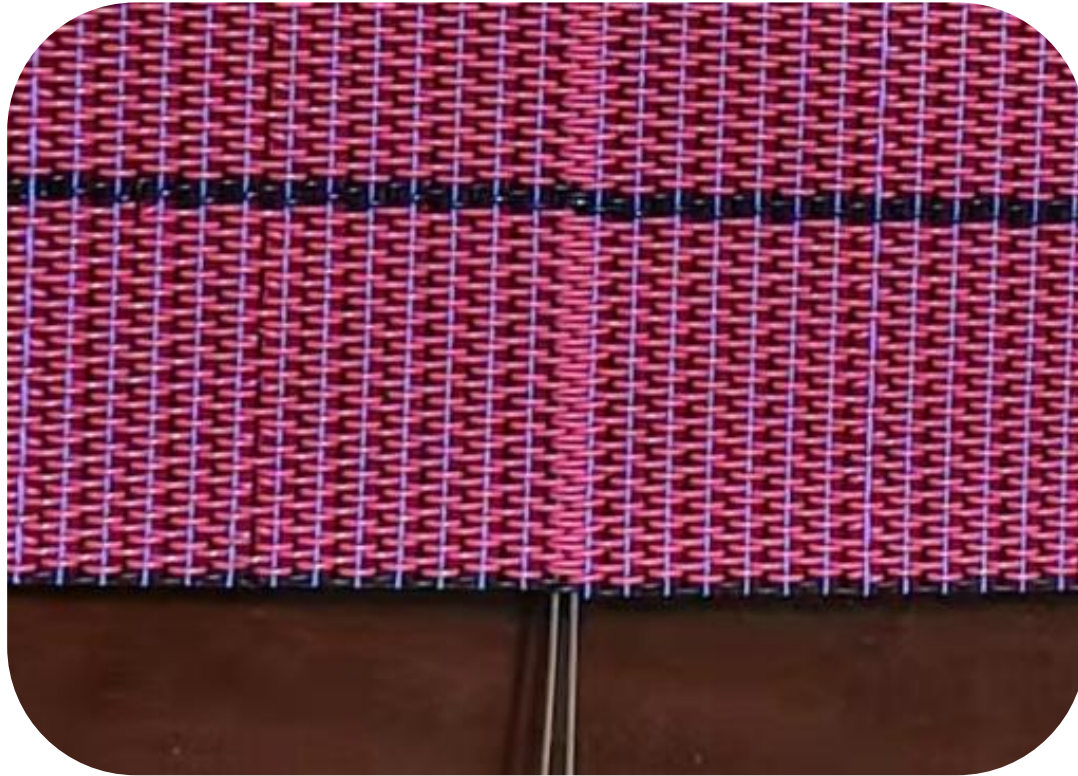
K6012 high grade anti-static mesh belt



Double-pins joint

Model	K6012
Material	Anti-hydrolysis PET round, conductive PET
Weave structure	Above-6 Below-6
Warp	0.50mm black Anti-hydrolysis round, 0.50mm black conductive
Weft	0.60mm black Anti-hydrolysis round, 0.60mm black conductive
Air permeability	750±30CFM (127Pa/20cm ²)
Layers	2.5Layers
Thickness	2.8mm
Gsm	1200g/m ²
Joint	Double-pins
Glue edge	2cm Glue brushing on welding edges at both sides
Package	Wooden carton/Sack package
Dimension error	Length: <50m, ±5cm Width: <5m, ±1cm
Properties	1. Air permeability can reach 12000m ³ /m ² /h 2. Durable, long lifetime 3. Suitable for high-speed line and thin nonwoven fabric production

SK604 high grade anti-static & anti-hydrolysis mesh belt



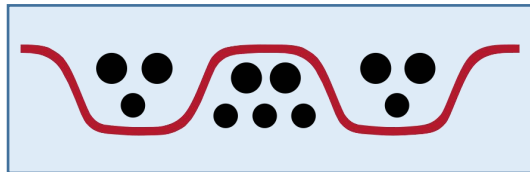
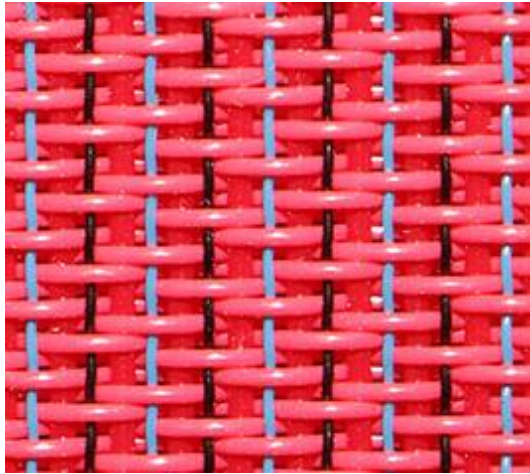
- Warp adopts internationally advanced black conductive PET filaments with better anti-static performance, more stable and durable.
- It has good balance of adhesion and peelability, there is no mesh marks on joint, fabric easy to peel with no float, suitable for high speed, low gsm, super soft, super thin fabrics.

SK604 high grade anti-static & anti-hydrolysis mesh belt has below features:

1. Adopts international advanced anti-static PET filaments, anti-static performance is stable and long lasting
2. Independent R&D joint, no mesh marks, not easy to hang wires
3. Fabrics is easy to be peeled off with no float in high speed line
4. No jump roller in high speed line
5. Stable running, suitable for high speed line, low gsm, super soft, super thin fabrics.



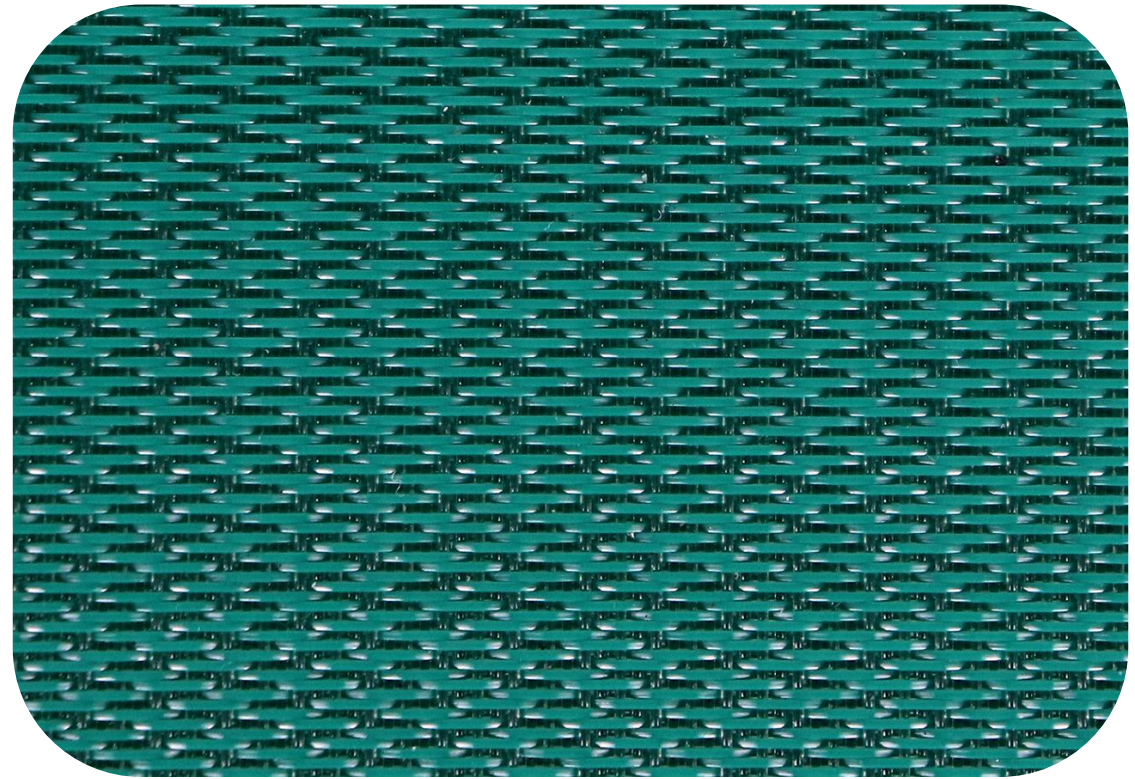
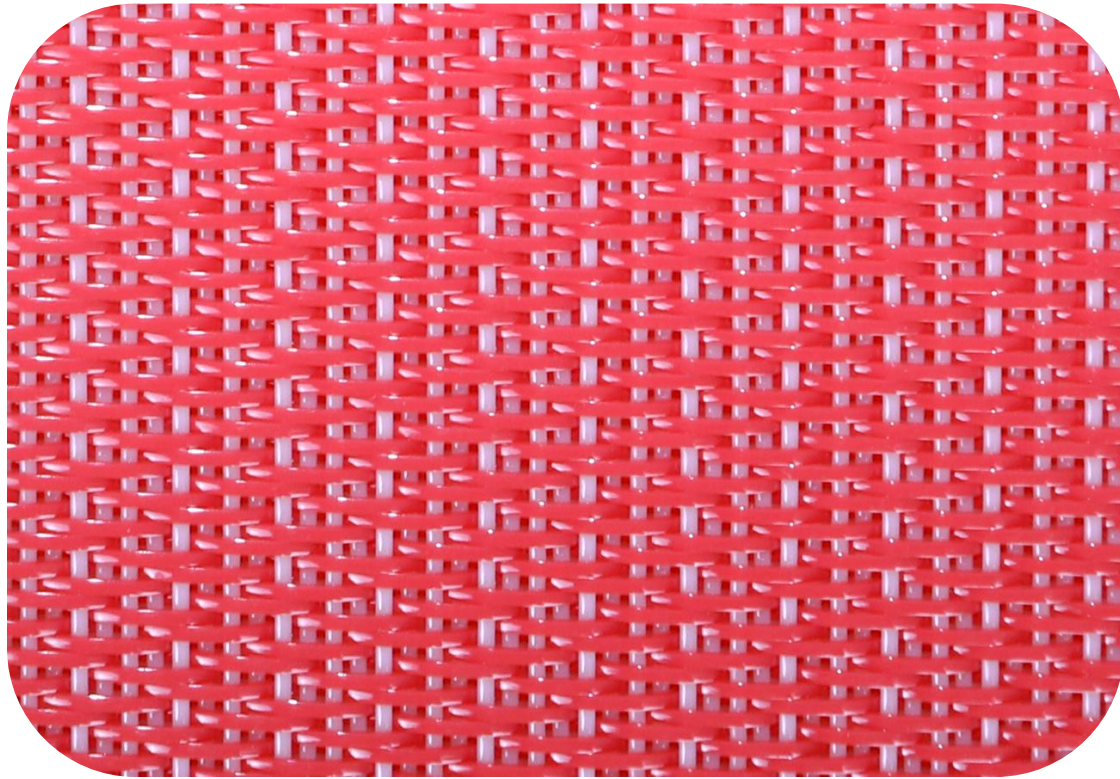
SK604 high grade anti-static & anti-hydrolysis mesh belt



Double-pins

Model	SK604
Material	Anti-hydrolysis PET round, conductive PET, Carbon fiber PET
Weave structure	Above-3 Below-5
Warp	Red anti-hydrolysis round 0.50mm, Black conductive 0.50mm
Weft	Red 0.70mm, Black and blue 0.35mm
Air permeability	700±30CFM (127Pa/20cm ²)
Layers	1.5Layers
Thickness	1.85mm
Gsm	1030g/m ²
Joint	Double-pins
Glue edge	Melt glue/AB glue
Package	Wooden carton
Dimension error	Length: <50m, ±5cm Width: <5m, ±1cm
Properties	1. 10 ⁶ Ω Conductivity value 2. Good balance of adhesion and peelability 3. Suitable for high speed line

G20658 High grade anti-hydrolysis mesh belt



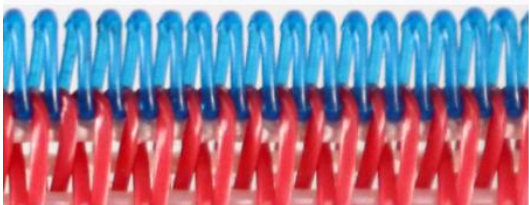
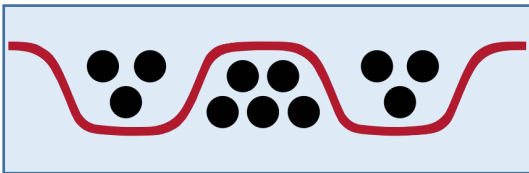
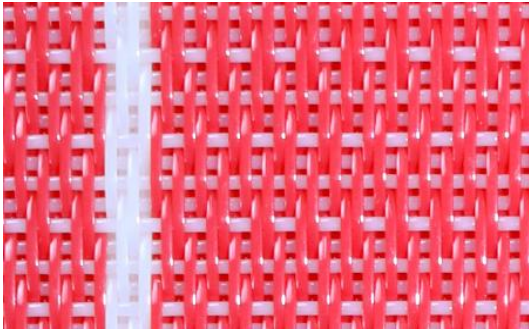
- Warp adopts international advanced anti-hydrolysis red/green flat PET with high viscosity and tensile strength, not easy burring, wear resistant and durable.

G20658 high grade anti-hydrolysis mesh belt has below features:

1. Adopts internationally most advanced PET filaments with high viscosity and tensile strength.
2. Joint technology is advanced with flat surface and not easy to hang wires
3. Wear resistant and durable, long lifetime
4. Stable running and no deviation



G20658 High grade anti-hydrolysis mesh belt



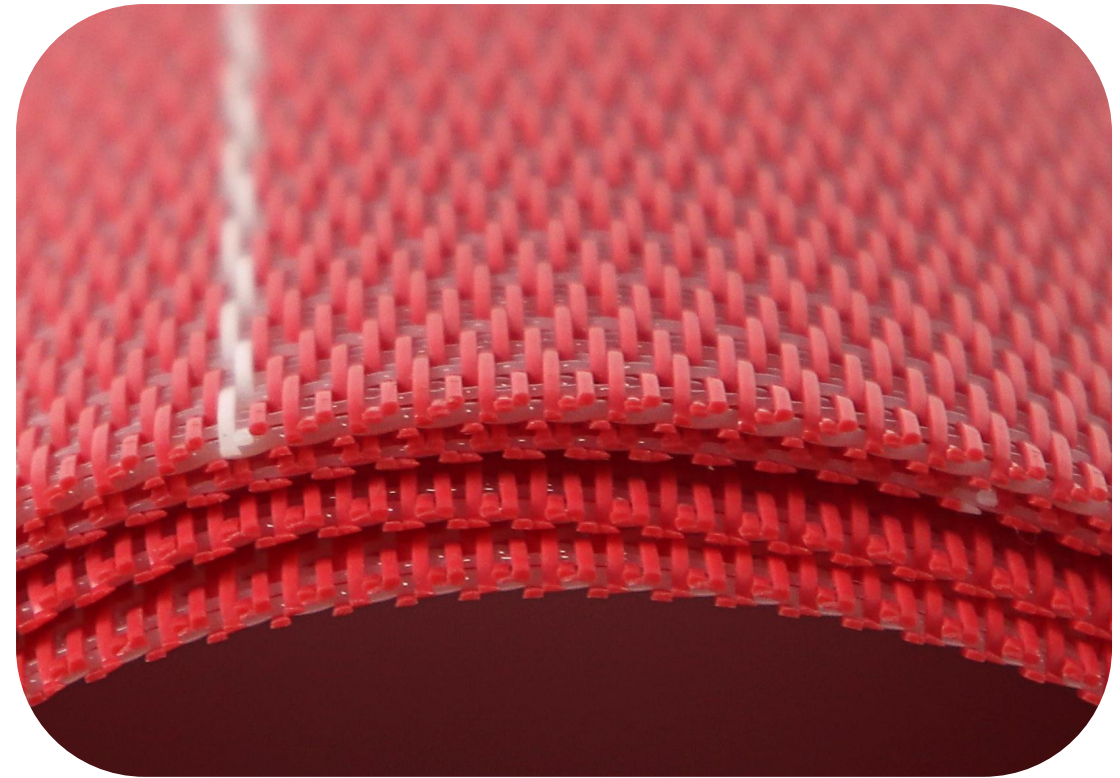
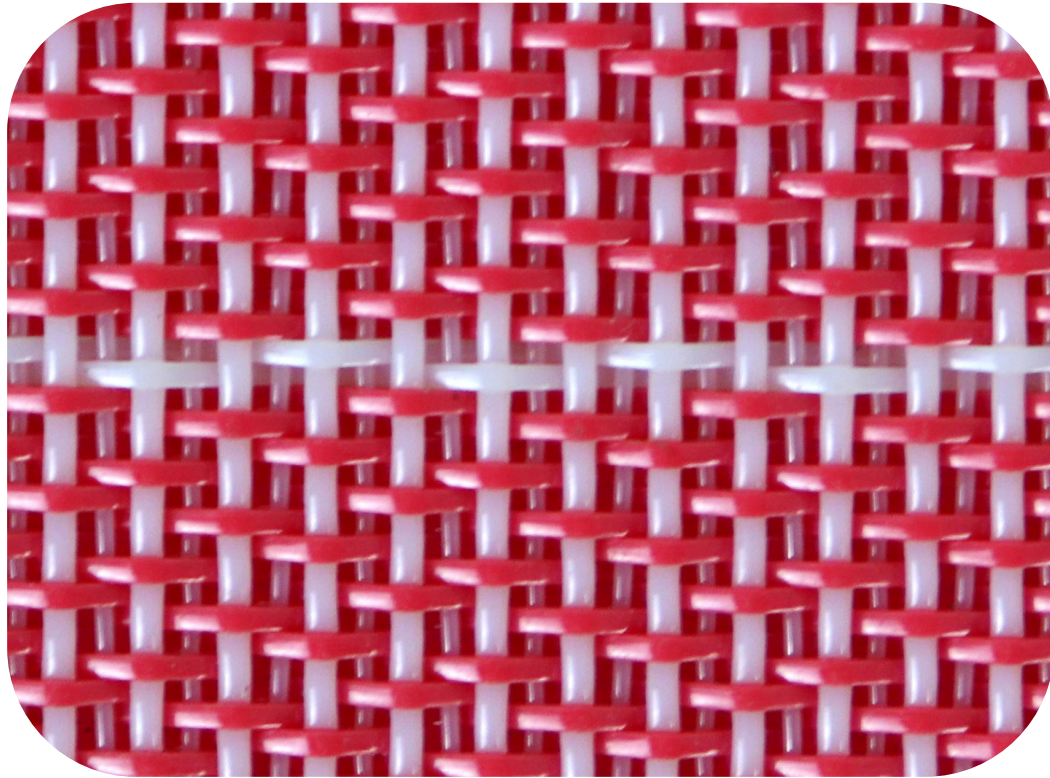
Millet-ring joint



Self-ring joint

Model	G20658
Weave structure	Above-3 Below-5
Warp	0.37*0.58mm Red anti-hydrolysis flat 0.37*0.58mm
Warp material	Anti-hydrolysis PET flat
Weft	White 0.65mm
Weft materail	White PET round
Air permeability	600±30CFM (127Pa/20cm ²)
Layers	1.5Layers
Thickness	1.75mm
GSM	1030g/m ²
Joint	Millet-ring/Self-ring
Glue edge	2cm Glue brushing on welding edges at both sides
Package	Wooden carton/Sack package
Dimension error	Length: <50m, ±5cm Width: <5m, ±1cm
Properties	1. Mesh belt surface flat 2. Wear-resistant and durable, long lifetime 3. Good running performance

G7040 High grade anti-hydrolysis mesh belt



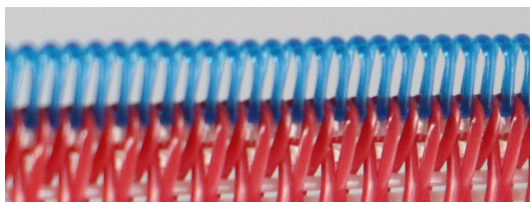
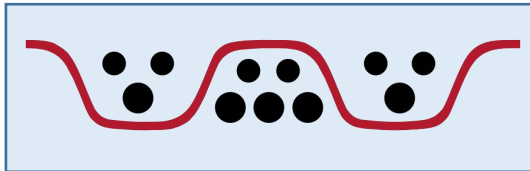
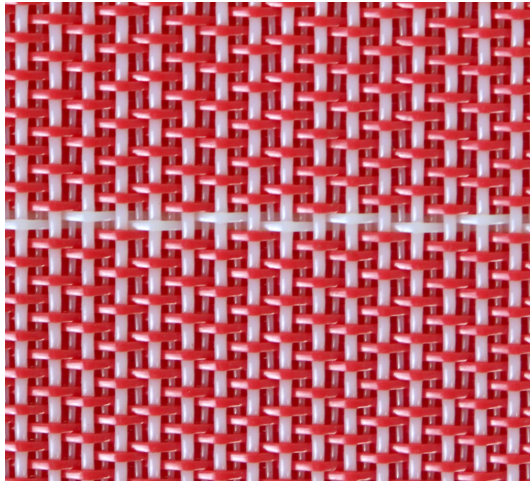
- Warp adopts internationally most advanced anti-hydrolysis red/green flat PET filaments with high viscosity and tensile strength, not easy burring, wear resistant and durable.

G7040 High grade anti-hydrolysis mesh belt has below features:

1. Adopts internationally most advanced anti-hydrolysis flat red PET with high viscosity and tensile strength.
2. Joint technology is advanced with flat surface and not easy to hang wires
3. Wear resistant and durable, long lifetime
4. Stable running and no deviation



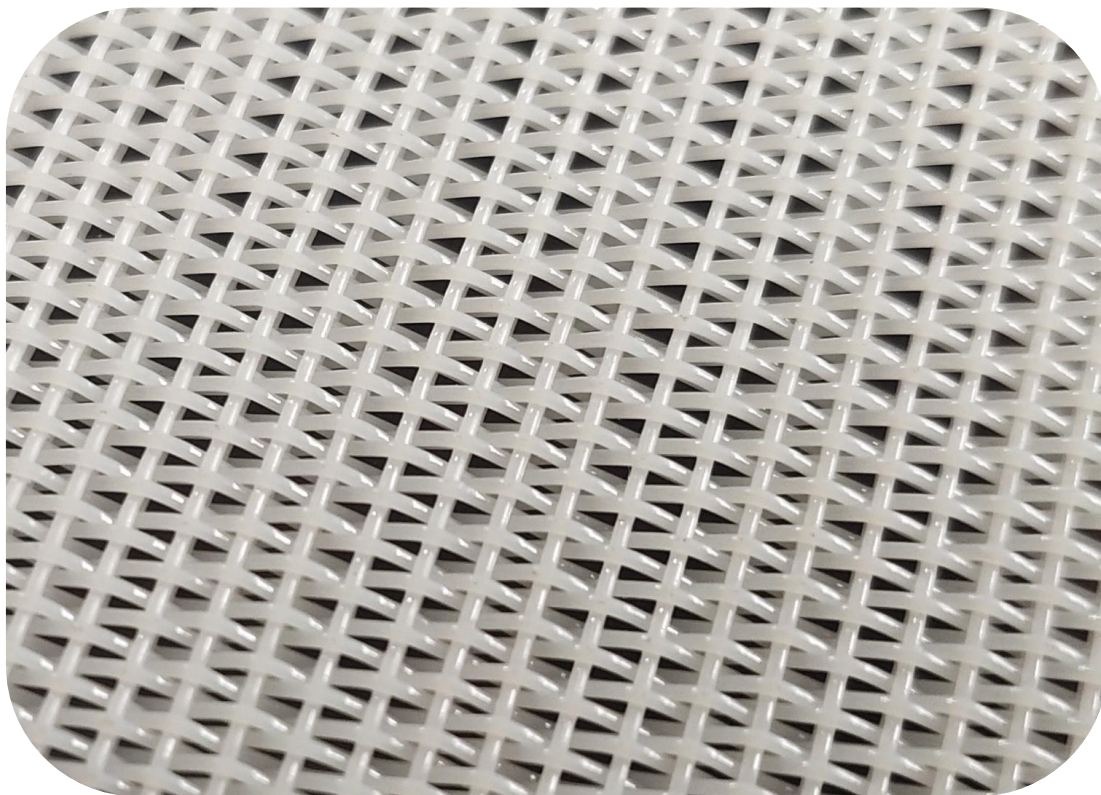
G7040 High grade anti-hydrolysis mesh belt



Millet-ring joint

Model	G7040
Material	Anti-hydrolysis flat PET
Weave structure	Above-3 Below-5
Warp	Red Anti-hydrolysis flat 0.37*0.58mm
Weft	0.70mm 0.40mm
Air permeability	600±30CFM (127Pa/20cm ²)
Layers	1.5Layers
Thickness	1.6mm
Gsm	1030g/m ²
Joint	Millet-ring
Glue edge	2cm Glue brushing on welding edges at both sides
Package	Wooden carton/Sack package
Dimension error	Length: <50m, ±5cm Width: <5m, ±1cm
Properties	1. Surface flat 2. Wear resistant and durable, long lifetime 3. high viscosity and tensile strength, not easy burring

BY22504 White round mesh belt(Special for polyester tire production)



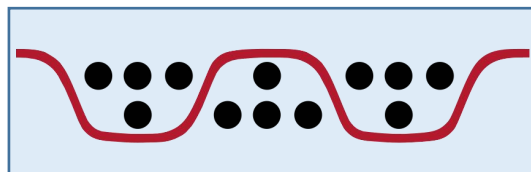
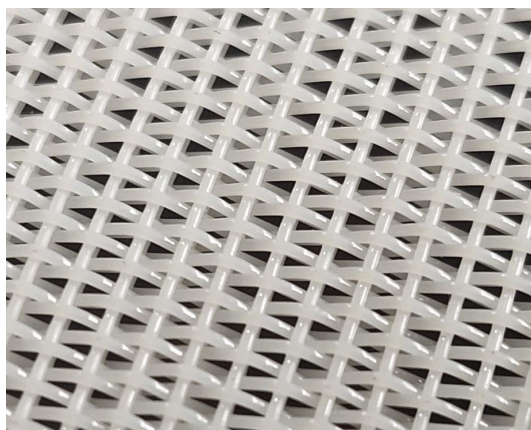
- Adopts China most advanced PET with good wear resistance and resilience, no bifurcation and no hang wires, bigger air permeability, stable heat-setting and no deviation

BY22504 White round mesh belt has below features:

1. Adopts China advanced PET with no bifurcation and no hang wires
2. Joint technology is advanced with flat surface and not easy to hang wires
3. Big air permeability, stable heat-setting and no deviation
4. stable heat-setting and no deviation, wear-resistant and durable, long lifetime



BY22504 White round mesh belt(Special for polyester tire production)



Self-ring joint

Model	BY22504
Material	White round PET
Weave structure	Above-4 Below-4
Warp	White 0.50mm
Weft	White 0.50mm
Air permeability	730±30CFM (127Pa/20cm ²)
Layers	2Layers
Thickness	2.25mm
Gsm	1030g/m ²
Joint	Self-ring/Millet-ring
Glue edge	2cm Glue brushing on welding edges at both sides
Package	Wooden carton/Sack package
Dimension error	Length: <50m, ±5cm Width: <5m, ±1cm
Properties	1. Big air permeability 2. No bifurcation and no hang wires 3. High cost-effective

Item	Yiheng		Other Supplier	
Air permability	High-precision weaving process, the air permeability is always consistent, and the weight of the non-woven fabric is uniform		The air permeability error is large. After the non-woven fabric is enlarged, the uniformity is not enough.	
Antistatic properties	Imported anti-static monofilament, excellent anti-static performance, excellent peeling performance. The surface of the mesh belt is flat and smooth, the mesh belt does not stick and can be easily peeled off		The antistatic performance of domestic antistatic monofilaments is easy to weaken, and the surface of the mesh belt is prone to burrs. The longer the mesh curtain is run, the low-gram weight cloth is easy to stick to the mesh belt, making it difficult to peel off.	
Seam	The joint face is consistent with the thickness of the mesh surface, and the high and low weight non-woven fabrics without mesh marks.		There is a large error between the joint face and the thickness of the mesh surface. For equipment and non-woven fabrics with high quality requirements, it is easy to cause the problem of roller skipping and thread hanging.	

Item	Yiheng	Other supplier
weave structure	Good aerodynamic structure reduces the influence of stiff fibers on the fabric surface and increases softness	Good aerodynamic structure reduces the influence of stiff fibers on the fabric surface and increases softness
Strength	High transverse stiffness, good longitudinal flexibility, can operate at low tension, saving electricity	Monofilament has low toughness and is easily brittle. It wears out a lot during operation, wastes electricity
Monofilament	High resistance and high viscosity monofilament raw material, with high wear resistance and fatigue resistance	Ordinary monofilament with low viscosity, short service life, and is easily damaged and broken.
stability	Uniform air permeability and high stability	Unstable size and air permeability uniformity
running life	3-6 months	3-6 months
Performance indicators on fabrics	The fiber laying is uniform and high, can handle ultra-fine fibers, has good vertical and horizontal strength, and the cloth surface has a good hand feel.	The fiber laying is average and even, it can absorb fibers, the vertical and horizontal strength is average, and the cloth surface feels average.
Price	Source manufacturer, high-end positioning, high cost performance	The situation of merchants (factories/distributor) is uncertain, and the price/performance ratio is not guaranteed.





**Yiheng mesh belt more suitable for China's
leading spun melt equipment**

Thank you !