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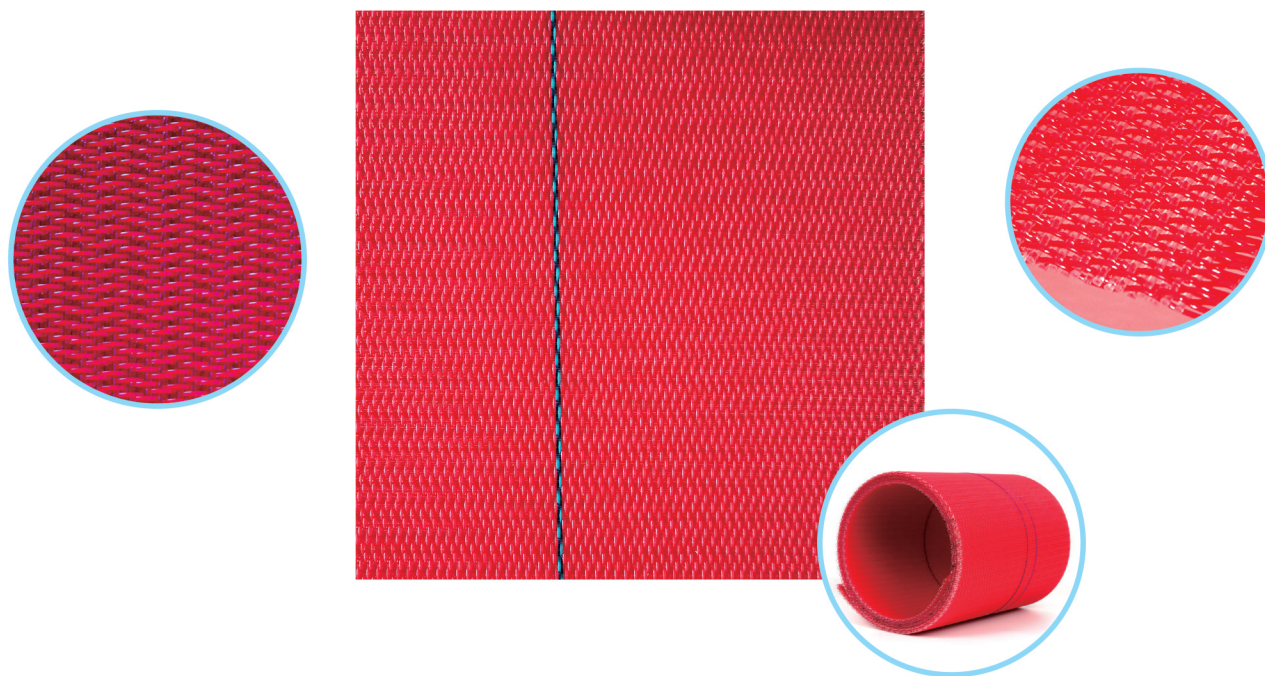
HENAN YIHENG

Professional non-woven mesh belt manufacturer
with 19 years production and development experience



01 MODEL: HB4106

02 MODEL: HY4106



Description:

HY4106 is generally used as the conveyor belt on Single-Beam spunbond machine. It normally allows the machine to run at a speed within 300 meters per minute.

Compared to BY4106, the mesh belt of white round polyester filaments, this is the type made of red ones, which enables people to check the integrity of the fabric produced easily.

Feature:

- Uniform air permeability ensures a great ventilation
- Good heat-setting process ensures stable structure and dimensional stability
- 100% polyester mesh belt has the characteristics of high-temperature resistance, abrasion resistance and aging resistance.

Application S M

Specification:

Layer : 1.5 layer

Weight : 0.95kg/m²

Thickness : 1.65mm

Raw material : PET

Permeability : 600±30 cfm

Max.line speed : ≤300m/min

Joints : Self ring

Working Temperature : ≤180°C

Mesh tenacity at break : ≥2000N/cm

Description:

HB4106 is generally used as the conveyor belt on spunbond and spunmelt machines. It normally allows the machine to run at a speed within 400 meters per minute. This is the type made of high-quality red flat filaments, with one-and-a-half layer woven structure, which makes it smoother, stronger and more durable.

Feature:

- The even and smooth surface is easy to clean.
- Uniform air permeability ensures a great ventilation
- Tight warp and weft connection makes this belt not easy to deform.
- Good heat-setting process ensures stable structure and dimensional stability

Application S SS SMS SSS

Specification:

Layer : 1.5 layer

Weight : 1.02kg/m²

Thickness : 1.80mm

Raw material : PET

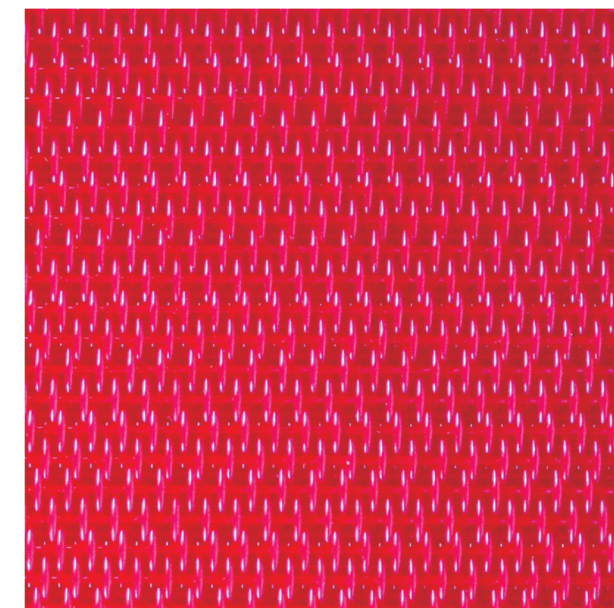
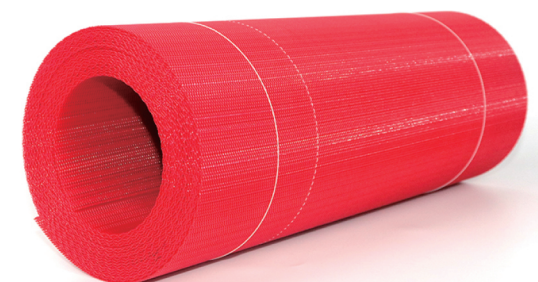
Permeability : 600±30 cfm

Max.line speed : ≤400m/min

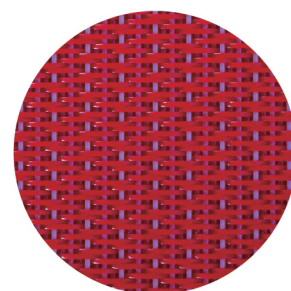
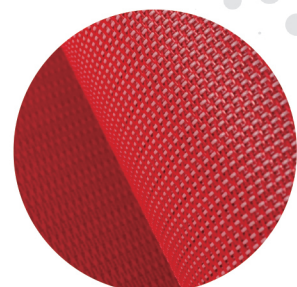
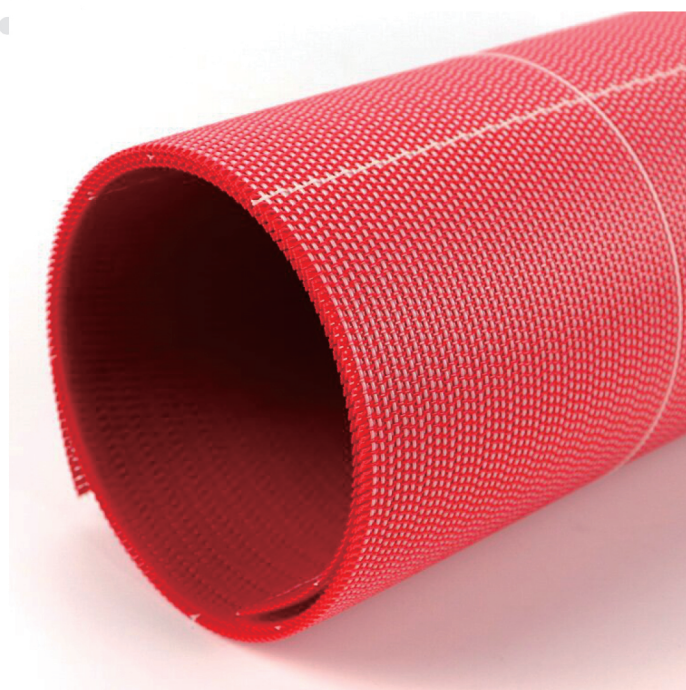
Joints : Millet ring or Self ring

Working Temperature : ≤180°C

Mesh tenacity at break : ≥2000N/cm



03 MODEL: G20658



Description:

G20658 is generally used as the conveyor belt on spunbond and spunmelt machines including SSS SMS SMMS SSMMS. It normally allows the machine to run at a speed within 450 meters per minute.

Weaved with hydrolysis resistant filaments from German PERLON which reach 1.1 in terms of viscosity while the normal ones 0.9, the G20658, compared to HB4106, performs better for not prone to linting and pricking. And it's more durable and heat resistant.

Feature:

- Good heat-setting process ensures stable structure and dimensional stability
- Excellent hydrolysis resistance and high-temperature resistance guarantees longer service time
- Great filaments from German PERLON makes sure minimal fiber picking or shedding will be seen

Application SSS SMS SMMS SSMMS

Specification:

Layer : 1.5 layer

Weight : 1.03kg/m²

Thickness : 1.95mm

Raw material : PET

Permeability : 600±30 cfm

Max.line speed : ≤450m/min

Joints : Millet ring

Working Temperature : ≤180°C

Mesh tenacity at break : 2000N/cm

Description:

HY408S is generally used as the conveyor belt on spunbond and spunmelt machines including SSS SMS SMMS SSMMS. It normally allows the machine to run at a speed within 600 meters per minute.

We adopt the best round polyester filaments in China and applied the weaving process of three weft filaments, which makes the peeling performance and adhesion performance of the mesh belt well balanced even when the machine is running at high speed. It is the first-generation belt specially designed for thin fabric production.

Feature:

- Advanced weaving pattern keeps the fabrics and the surface of the mesh belt fit particularly well
- Good heat setting post-treatment ensures stable structure, excellent running performance
- It is perfectly suitable for high speed production line of thin fabric

Application SSS SMS SMMS SSMMS

Specification:

Layer : 1.5 layer

Weight : 1kg/m²

Thickness : 1.95mm

Raw material : PET

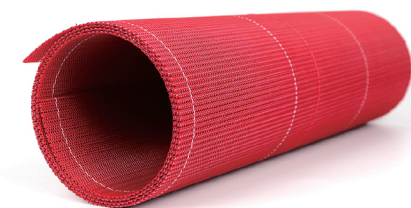
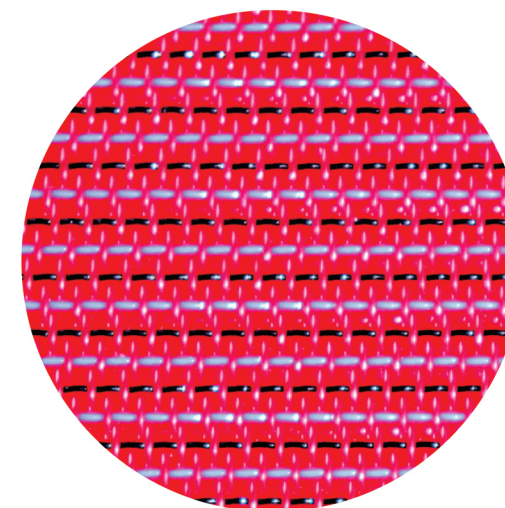
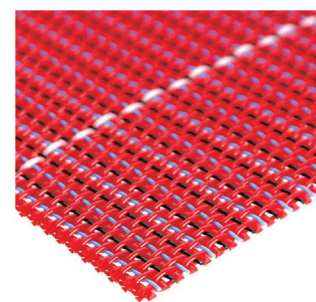
Permeability : 600±30 cfm

Max.line speed : ≤600m/min

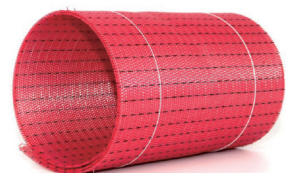
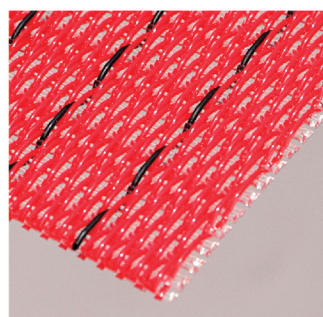
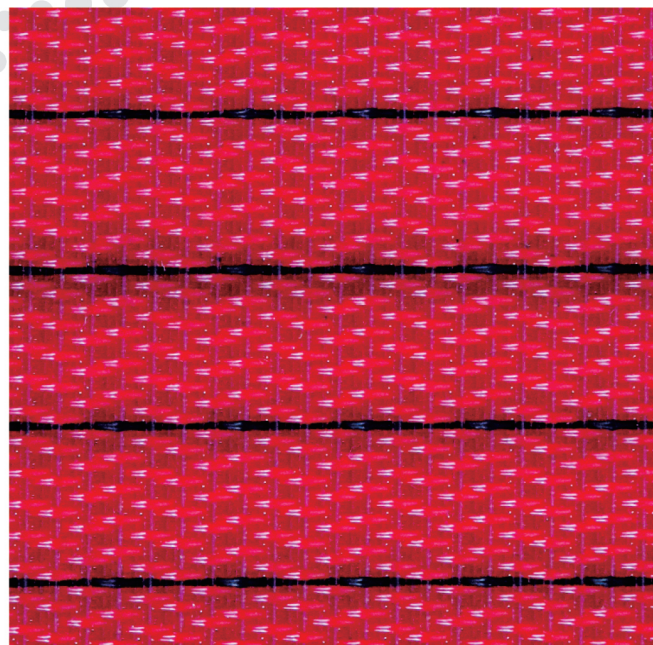
Joints : High-Low Ring

Working Temperature : ≤180°C

Mesh tenacity at break : ≥2000N/cm



05 MODEL: K4106A



Description:

K4106A is generally used as the conveyor belt on spunbond and spunmelt machines including SSS SMS SMMS SSMMS. It normally allows the machine to run at a speed within 550 meters per minute.

It's weaved with black conductive filaments from German PERLON, which enables the electrical conductivity of this mesh belt reach $10^6 \Omega$ or $10^7 \Omega$. It is the first-generation of anti-static mesh belts. And compared to ordinary mesh belt, it's much more stronger and durable.

Feature:

- Uniform air permeability ensures a great ventilation
- Good heat-setting process ensures stable structure and dimensional stability
- Excellent conductive filaments ensure safe static discharge performance, prevent static accumulating.
- It is the first-generation of anti-static mesh belts.

Application SSS SMS SMMS SSMMS

Specification:

Layer : 1.5 layer

Weight : 1.05kg/m²

Thickness : 2.03mm

Raw material : PET

Permeability : 600±30 cfm

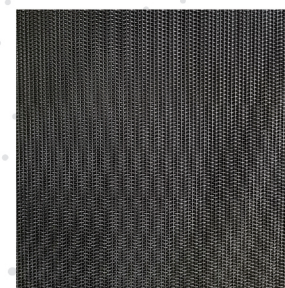
Max.line speed : ≤550m/min

Joints : Millet ring or Self ring

Working Temperature : ≤180°C

Mesh tenacity at break : ≥2000N/cm

06 MODEL: K4106B



Description:

K4106B is generally used as the conveyor belt on spunbond and spunmelt machines including SSS SMS SMMS SSMMS. It normally allows the machine to run at a speed within 500 meters per minute.

It's weaved with black conductive filaments and carbon filaments of German PERLON, which enables the electrical conductivity of this mesh belt reach $10^5 \Omega$ or $10^6 \Omega$. So it performs better, compared to K4106A.

Feature:

- Good heat-setting process ensures stable structure and dimensional stability
- Excellent conductive filaments ensure safe static discharge performance, prevent static accumulating.
- Uniform air permeability and excellent anti-wear strength guarantees great running performance
- It is the second-generation of anti-static mesh belts.

Application SSS SMS SMMS SSMMS

Specification:

Layer : 1.5 layer

Weight : 1.95kg/m²

Thickness : 1.93mm

Raw material : PET

Permeability : 600±30 cfm

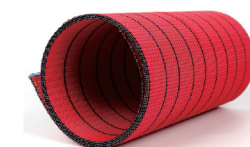
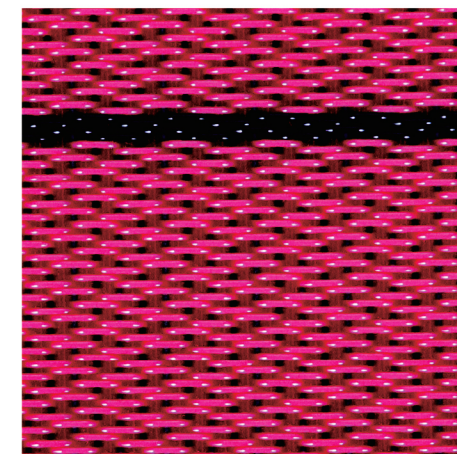
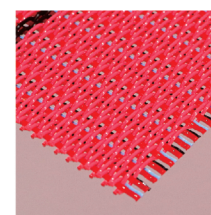
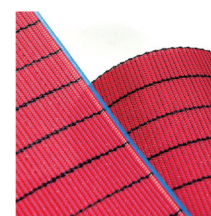
Max.line speed : ≤500m/min

Joints : Millet ring or Self ring

Working Temperature : ≤180°C

Mesh tenacity at break : ≥2000N/cm

07 MODEL: SK604



Description:

SK604 is generally used as the conveyor belt on spunbond and spunmelt machines including SSS SMS SMMS SSMMS. It normally allows the machine to run at a speed within 800 meters per minute.

Both the wrap and weft are hydrolysis-resistant filaments from German PERLON, which enables the electrical conductivity of this mesh belt reach $10^6 \Omega$. So it has better static discharge performance than HY408S.

Feature:

- Good heat-setting process ensures stable structure and dimensional stability
- Uniform air permeability can achieve an excellent ventilation effect
- It performs even better than model K4106A and K4106B in terms of anti-static properties

Application SSS SMS SMMS SSMMS SSSMS

Specification:

Layer : 1.5 layer

Weight : 1.95kg/m²

Thickness : 1.85mm

Raw material : PET

Permeability : 600±30 cfm

Max.line speed : ≤800m/min

Joints : Millet ring

Working Temperature : ≤180°C

Mesh tenacity at break : ≥2000N/cm