

# PE Laminated Non Woven Fabric

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## The Overview of PE Laminated Non Woven Fabric

PE laminated non woven fabric is produced by using melt PE raw material spraying uniformly on the surface of pp spunbond fabric, after cooling and pressing, finally, one new type of composite non woven fabric is formed. The regular specifications for clothing are 35g/sm-50g/sm. We can provide white and transparent films, blue films and different colors films for customers to choose.

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Surgical gown, isolation gown, aseptic hole-towel, hospital pad, PE laminated non woven fabric can also be compounded with other non woven fabric, such as PE laminated with ultrasonic SMS non woven fabric, PE with medical SMS fabric.

## The Specification of PE laminated Non-Woven Fabric

Weight: 30g/sm-220g/sm	Maxim Width: 1.6m,1.8m,2.4m	Packing: Wrapping Film
Material: PP fabric+PE film	Width Tolerance: $\pm 3$ mm	Weight Tolerance: $\pm 1.0$ g/sm
Split Joint Times: $\leq 1$	Polymer Clump: $\leq 2$ PCS/50m <sup>2</sup>	Embossing: Diamond Type
Loading Port: Shanghai, China	20GP/40HQQ'ty: 5tons/12Tons	Brand Name: <b>SENCI</b>
Certificate: SGS, MSDS, RoHS	MOQ: White 1 Ton, Color: 2 Tons	SupplyAbility: 1000T/Month

## Product Features

Our company imported international advanced production lines and processing equipment, specializing in the exploitation, research and produce various kinds of PE lamination non woven fabric and multilayer composite lamination non woven

fabric. Selecting PE raw materials produced by famous PE factories from Taiwan as the waterproofing layer. High tensile strength non woven fabric as a supporting layer. At the same time, it can endow the PE lamination non-woven fabric with various colors, anti-bacterial, water absorb and other functions.

Our main products are PE casting non woven fabric, PE melt glue composite nonwoven fabric, PE laminated with ultrasonic non-woven fabric, partial composite non woven fabric, PE+SMS fabric. We also have multilayer lamination non-woven, and PE laminated with strong hydrophilic non-woven.

They are mostly used for the surgical gown, isolation gown, aseptic hole-towel, hospital pad, medical bed sheet, shoe cover, surgical drapes and coverall, surgical kits, surgical back table cover, Sanitary napkins, baby diapers, medical hygienic products, and many other fields.

The material has the following characteristics:

Air permeability: Excellent and uniform air permeability, Effective moisture isolation, Exhaust hot and humid steam.

Softness: It has an excellent hand feeling, makes the product more soft and comfortable.

Mechanical performance: Excellent tensile and elongation properties.

Chemical Property: Not easy to corrode, easily printing, light fastness, high-temperature resistance.

Waterproof, anti-liquid, permeability, environment-friendly, high tensile strength.

## **Product Application**

PE laminated fabric has a wide application in different filed, because of the surface has the special characteristics of color, smoothness, waterproof and high-temperature resistance to sunlight.

Uniformity, smooth and lint-free surface, excellent mechanical strength, high density, great permeability, anti-seepage, the PE laminated non woven fabric are mostly used for medical and hygiene, personal care and industrial field. For example, surgical gown, isolation gown, aseptic hole-towel, hospital pad, medical bed sheet, shoe cover, surgical drapes and coverall, surgical kits, surgical back table cover, soft-smooth, puncture-resistant, non-toxic, non-stimulation.

Besides, PE compound non woven fabric is also one new type of packing material, we can use PE film to treat other kinds of fabrics composite in many ways to get one new multilayer composite non woven fabric. Such as melt glue composite, PE laminated with ultrasonic SMS fabric, or PE+SMS fabric, by composite treatment, two or three layers of fabrics can be combined together, thus, products with new special functions can be produced in this way. These functions are high tensile strength, super hydrophilic, high barrier, high resistance, anti-seepage, etc.

## **Product Types**

PE film +SMS	More soft hand feeling after laminated with SMS. It can be three anti treatment, anti-blood,anti-static, and anti-alcohol.
PE partial composite non woven fabric	Mostly used for hospital pad, medical bed sheet.
PE film+untrosonic fabric	More durable than anti-aging non woven fabric, mainly used for automobile hood.export to Europe, Korea, etc.
PE film+super Hydrophilic fabric	The surgical back table cover can absorb the water fastly without permeating other places.
PE melt glue composite	Softer and more comfortable to wear.

## Process Description

PE laminated non woven fabric is produced by using melt PE raw material spraying on the surface of pp spunbond fabric uniformly, after cooling and pressing, finally, a new type of composite non woven fabric is formed.



1. Place ready the produced pp spunbond rolls and PE raw material, the PE was heated ,make it keeps melting and flowing state



2. Extrusion the melt PE and coating it on the back fabric uniformly



3. Compression of the two layers of non woven fabric while it is Cooling and make sure both layers can stick together closely. Rolling up the pressed non woven rolls and cut off the edges