



Supermed

Globally, Sustainable



Raw Materials

product catalog



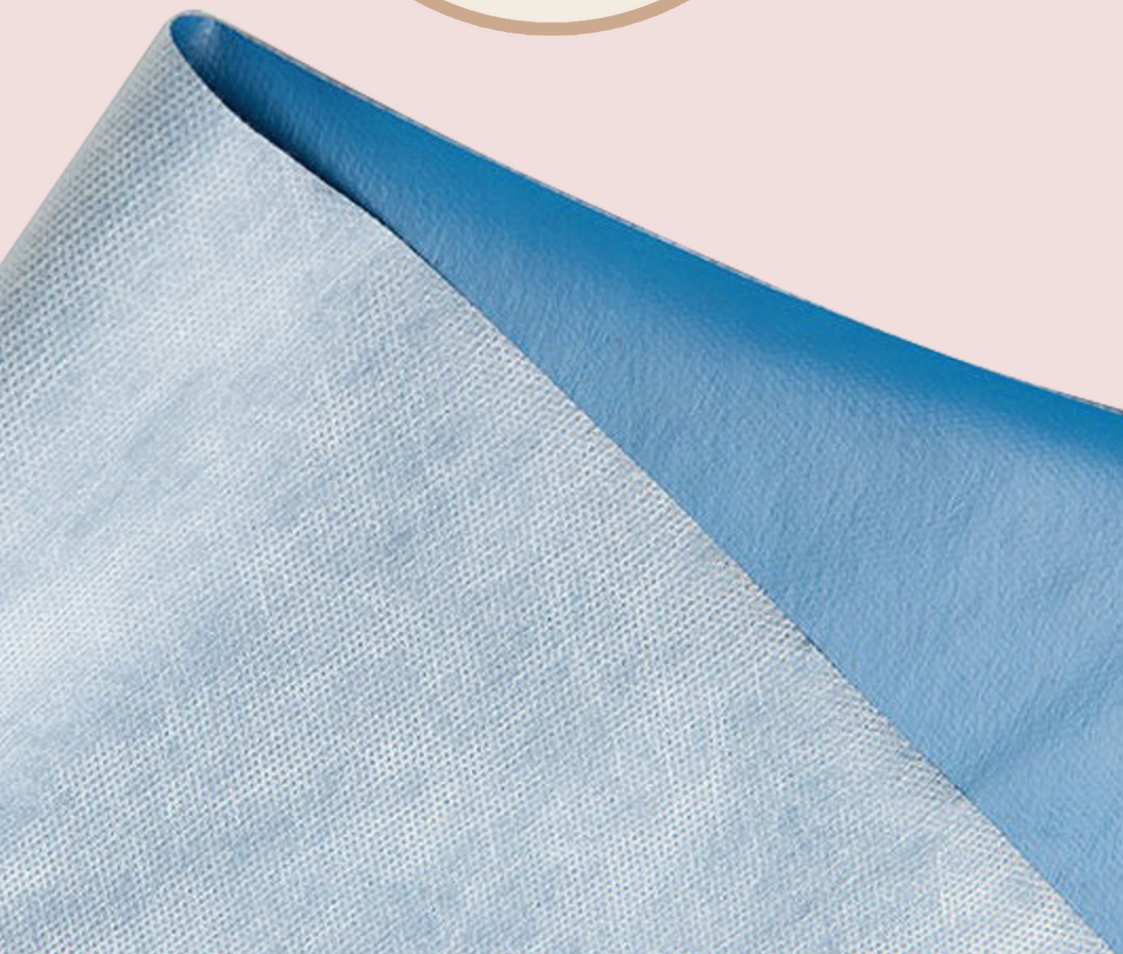
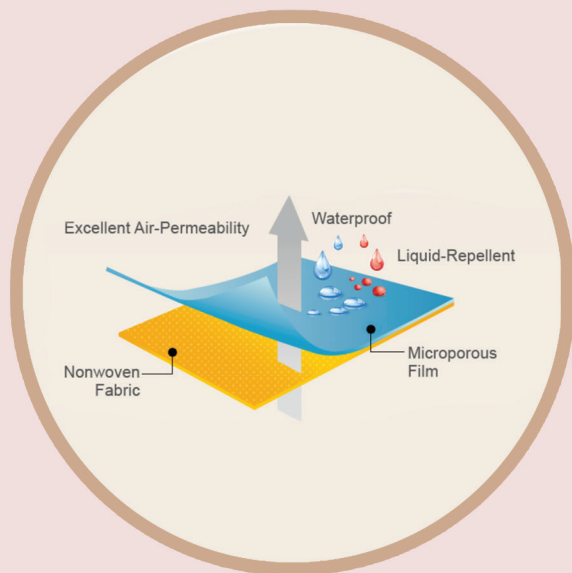
Raw Materials Products

1. Meltblown Non-Woven Fabric
2. Microporous Film Laminated with Non-Woven Fabric
3. PP Non-Woven Fabric
4. PP+PE/PP+CPE Non-Woven Fabric
5. SFS (SPP+Microporous PE Film+SPP) Fabric
6. SMS/SMMS Non-Woven Fabric
7. Spunlace Non-Woven fabric

Meltblown Non-Woven Fabric

- » 100% polypropylene
- » Thickness: 25-50gsm
- » Width: 175mm, etc





Microporous Film Laminated with Non-Woven Fabric

- » Microporous breathable polyethylene + Spunbond polypropylene
- » Thickness: 30-100gsm
- » Width: 160cm max

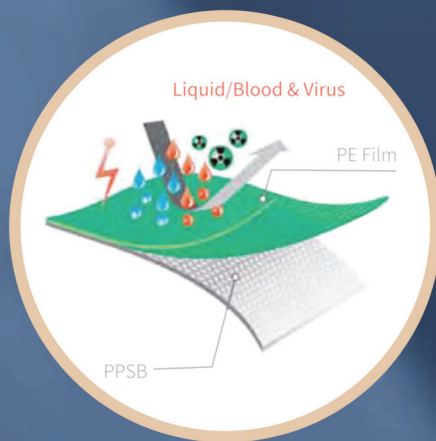
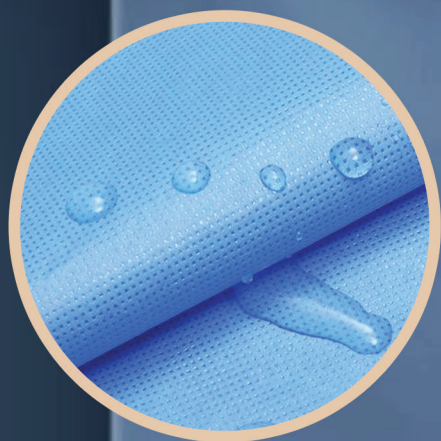




PP Non-Woven Fabric

- » Spunbond polypropylene non woven fabric
- » Thickness: 8-150gsm
- » Width: 10-320cm, can be divided into 120cm, 160cm, 240cm etc



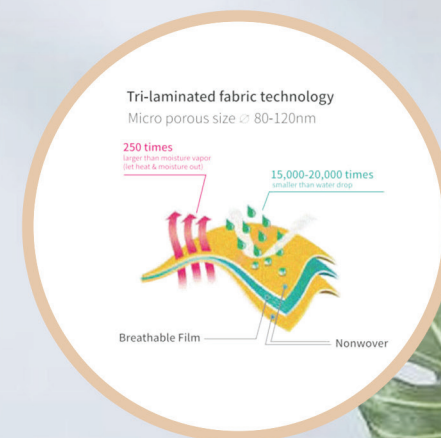


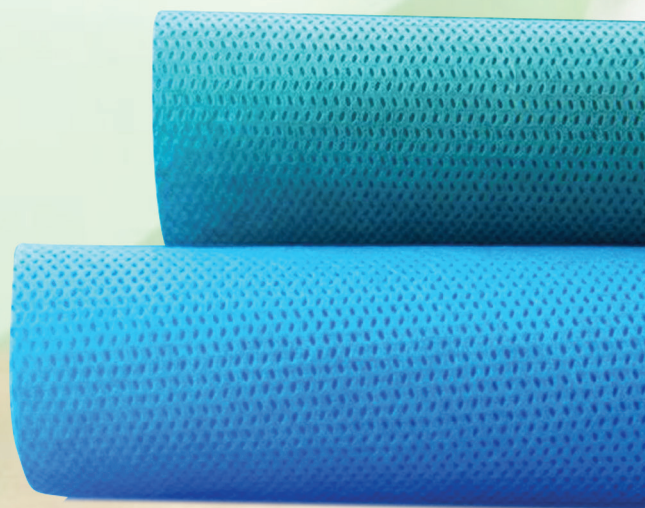
PP+PE/PP+CPE Non-Woven Fabric

- » Spunbond+PE film
- » Spunbond+CPE film
- » Thickness: 25 -100gsm

SFS (SPP+Microporous PE Film+SPP) Fabric

- » 100% polyethylene + polypropylene
- » Thickness: 8-150gsm
- » Width: 320cm max, can be divided into 120cm, 160cm, 240cm, etc





SMS/SMMS Non-Woven Fabric

- » Polypropylene Non Woven Fabric
- » Spunbond+meltblown+Spunbond
- » Spunbond+2 layers meltblown+Spunbond

Spunlace non-woven fabric

- » Spunlace nonwoven polyester and viscose, as customized
- » Thickness: 35gsm - 100gsm+
- » Width: 10-320cm, color: white;





Factory Location & Workshop Layout

- » Factory located in Wuhan China which covers 38000 square meters, the completed workshop of wipes & prep pad occupied 3000 square meters land with 4 floors, the first floor is used for raw materials & finished products storage; The second floor is wet
- » wipe workshop, the third floor is prep pad workshop, and the fourth floor is dry wipe workshop; Lab is on the third floor.
- » All workshops in accordance with the GMP requirements of standardized layout design, 100,000 purification production workshop, the implementation of the flow of people and logistics
- » are completely separated with standardized management.

Flow of people: First step (Take off casual clothes) - Second Step (Wearing work robe) - Third Step (Wearing clean robe) - Fourth Step (Personal cleaning : hand washing, drying, disinfection) - Pass through the wind door

Logistics: Stripping - buffering - sterilization - Staging



Introduction of Fully Automated Equipment

- » Water system: Fully in line with the United States pharmacy USP requirements, with 2 levels of reverse osmosis + EDI system, total organic carbon per $70C \leq 500\text{ppb}$, conductivity $\leq 1.3\text{US/M}^2$
- » Specially designed a full set of high-speed, efficient automation equipment, the use of sanitary grade material 316L stainless steel, and a series of automatic control system. Like equipped with the
- » corresponding metal detector, weight detector, and graphics detector.
- Configuration fluid and storage fluid equipments are all using 316L
- » stainless steel material with explosion-proof and electric shock design.

Compressed air equipment is using the international brand INGERSOLL air Compressor, in accordance with the United States FDA CGMP standard control, to achieve complete water-free, oil-free.



Quality Control System

In Accordance With:

- » FDA » EN13485 » ISO27716
- » CE » ISO9001

Product Control System

- » The testing laboratory is equipped with: standardized physical and chemical laboratory, level 10,000 precision Laboratory (with HPLC liquid instrument, GC gaseous instrument), level 10,000 microbial laboratory, and standardized aging laboratory.
- » The core work of the Laboratory Center: 1. Testing and Examining 2. Research & Development.
- » Workers wear: From head to toe, all wrapped, and asked to wear a mask.
- » Sterilization method: Fabric (using ozone or ultraviolet disinfection); Finished product (using radiation disinfection)
- » Precise control of all production processes:
Raw Material Inspection - First inspection - Medium control - Patrol inspection - Finished product inspection



Raw Materials Production

Non Woven Materials:

- » PP, SMS, SMMS, SMMMS, PE Film, PP+PE
- » Laminated, Melt-blow material, Microporous
- » Film laminated, SFS etc.
- » Microporous Film laminated with PP/SMS
- » Spunlace non-woven fabric, grams from 35gsm - 100gsm+

Production Line & Production Capacity

Wet Wipe:

- » Three large line equipment: production of large bag wipes (50-80 pieces/package) 20,000 packs/machine/day/shift; 55,000-58,000 packs/day
- » A small line equipment: production of small bag wipes (10 pieces/package) 80 packs/min, 30,000 packs/machine/day/shift; 70,000-80,000 packs/day

Prep Pad:

- » Conventional Prep Pad equipment: 30 units, 160,000 pieces/machine/shift/day
- » Special-shaped Prep Pad equipment: 20 units, 40,000 pieces/machine/shift/day

Dry Wipe:

- » 6 units, 30-40g nonwovens 600kg/shift

Workers Working Shift:

- » Three shifts: 7:00AM-3:00PM; 3:00PM-11:00PM; 11:00PM-Next morning 6:00AM
- » Two shifts: 7:00AM-3:00PM; 3:00PM-10:00PM.



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