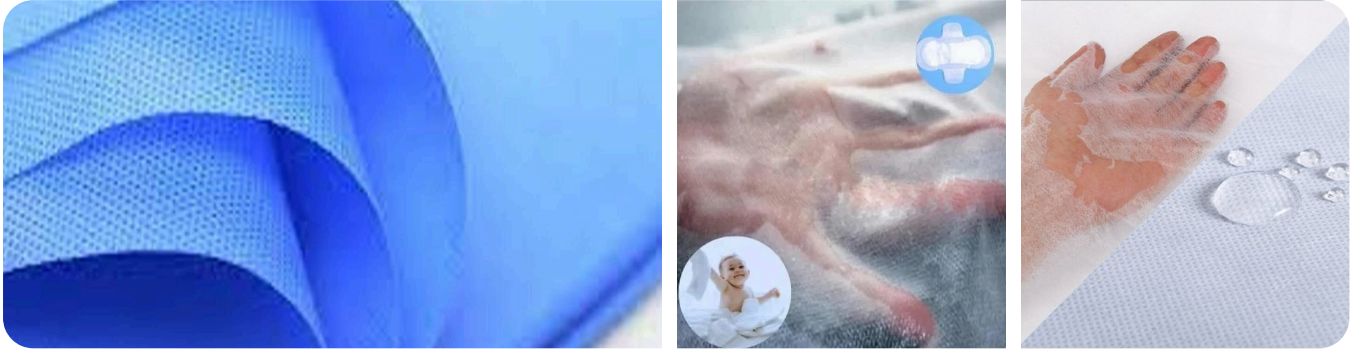




Hydrophilic & Hydrophobic Non-Woven Fabric

Designed for the Right Liquid Interaction. Built for Reliable Performance.



DESCRIPTION

Two treatments of the same spunbond base, chosen by how your product must behave when it meets liquid.

Hydrophilic fabric is treated to attract and absorb water or aqueous liquids, spreading them quickly and uniformly. Hydrophobic fabric is engineered to repel water and resist liquid penetration.

ABSORBS

Hydrophilic Non-Woven Fabric

Treated to attract and absorb water or aqueous liquids, spreading liquid quickly and uniformly.

- Excellent liquid absorption and spreading
- Fast liquid distribution
- Soft and comfortable
- Lightweight and breathable
- Consistent performance
- Various GSM, widths and colours

Bed sheets for hospitals, railways, buses

Diapers

Sanitary napkins

Wipes

Table runners

Absorbent products

Filtration

REPELS

Hydrophobic Non-Woven Fabric

Engineered to repel water and resist liquid penetration.

- Excellent water repellency
- Resistance to liquid penetration
- Lightweight and durable
- Breathable
- Good tensile strength
- Suitable for protective applications

Medical gowns

Protective apparel

Agriculture

Packaging

Furniture

Construction

Industrial



Hydrophilic & Hydrophobic Non-Woven Fabric

AVAILABLE OPTIONS

Option	Range
GSM	Various GSM, light hygiene grades to heavy bag grades
Roll width	Up to 2.4 m (SS plant) or 3.2 m (S plant); slit to your width
Colour	White, blue, green, red, yellow, black and custom shades
Treatment	Hydrophilic (absorbs) or hydrophobic (repels)

TECHNICAL PROPERTIES

Property	Test method	Unit	Typical value
Basis weight (GSM)	ISO 9073-1	g/m ²	<i>From lab report</i>
Thickness	ISO 9073-2	mm	<i>From lab report</i>
Tensile strength, MD / CD	ISO 9073-3	N / 5 cm	<i>From lab report</i>
Elongation at break, MD / CD	ISO 9073-3	%	<i>From lab report</i>
Melt flow index of raw material	ISO 1133	g / 10 min	<i>From lab report</i>
Colour	Colour cabinet, visual	approved shade	<i>From lab report</i>
Liquid strike-through time (hydrophilic)	ISO 9073-8	s	<i>From lab report</i>
Run-off (hydrophilic / hydrophobic)	ISO 9073-11	%	<i>From lab report</i>
Wettability	Wettability tester, in-house	pass / fail	<i>From lab report</i>

ORDER TERMS

Minimum order	1,000 kg	Packing	Rolls, poly-wrapped
Price	On quotation, by GSM and quantity	Payment	Bank transfer (T/T), advance
Delivery time	3 to 4 days from order confirmation	Supply	All India; export to Asia
Samples	Available on request		

Tested in our own laboratory: GSM Tester, Thickness Tester, Melt Flow Index Tester, Optical Microscope, Liquid Runoff Tester, Wettability Tester, Colour Matching Cabinet, Tensile Testing Machine.

Draft. Typical values are filled in from Milan Polytech laboratory reports for the ordered GSM before this sheet is issued. Properties depend on GSM, colour and treatment; the values agreed on the quotation apply.