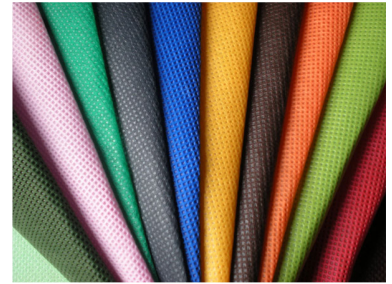
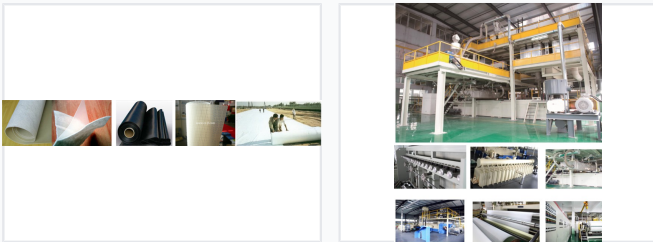


Spunbond Nonwoven Fabric Production Line

This production line is designed for manufacturing S/SS/SMS PP spunbond non-woven fabrics. The system integrates raw material feeding, melting, extrusion, fiber formation, web laying, thermal bonding, winding, and slitting processes.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Spunbond Production Line

This advanced production line is engineered for the continuous manufacturing of S/SS/SMS PP spunbond non-woven fabrics. The integrated system handles the entire process from raw material melting and extrusion to fiber formation, web laying, thermal bonding, and final winding. Designed for versatility, it supports multiple product widths and delivers uniform fabric with high tensile strength and excellent air permeability, suitable for medical, hygiene, and agricultural applications.

Technical Specifications

Performance Metrics

150 mm

Max Winding Diameter

150 m/min

Max Production Rate

150 g/i

Max Product Weight

Available Widths	1600mm, 2400mm, 3200mm
Input Material	Polypropylene (PP) Chip
Denier per Filament	1.8 - 2.5

Workshop Requirements

Facility Requirements

Section	Dimensions (L x W x H)
Total Equipment Area	35m x 12m
Spinning Part	20m x 12m x 11m
Hot Rolling Unit	15m x 8m x 6m
Floor Foundation	Reinforced concrete structure, 25cm thickness

Process Flow

Manufacturing Process

- Recycling raw material & side material
- Melting and extruding
- Filtering and measuring
- Spinning and cooling
- Air dragging and dispersing
- Air-laid web forming
- Thermal bonding
- Winding and slitting
- Packing and warehousing