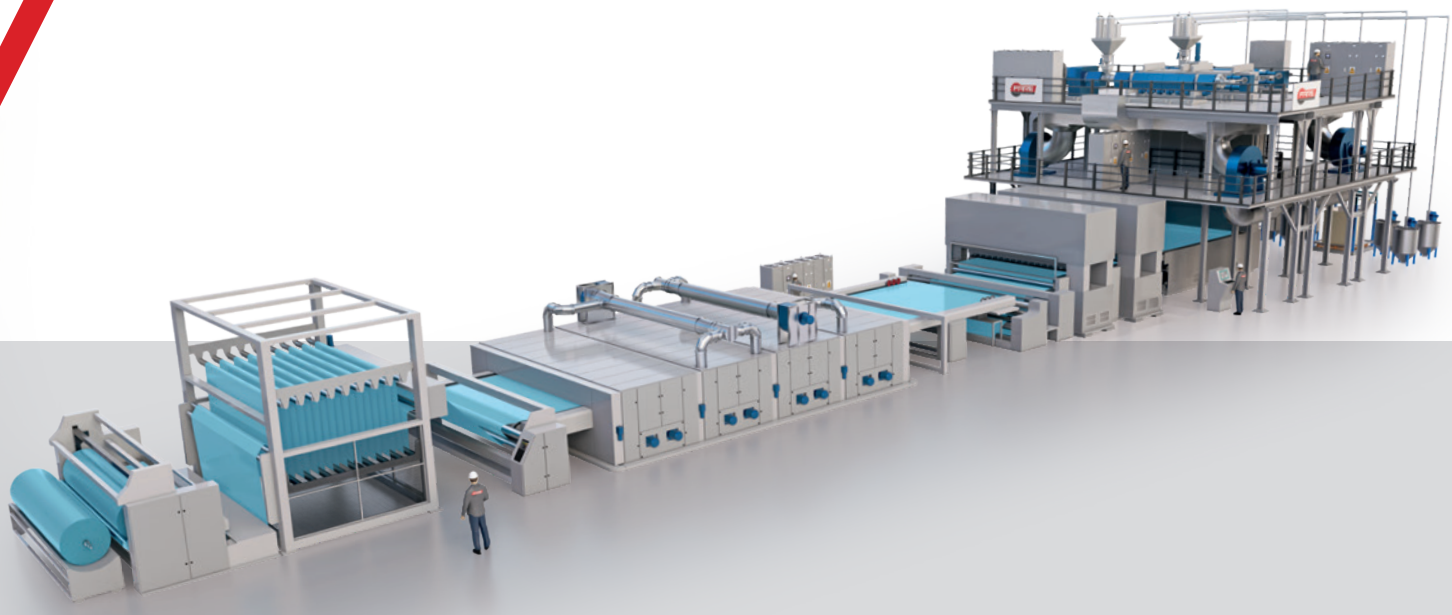
COARSE DENIER NONWOVENS LINE

Special nonwovens for special applications



The polymer in the form of granules or flakes is extruded through our equipment to form continuous filaments which are conditioned, drawn and deposited over a suitable moving surface (forming belt), creating a web. Suitable downstream equipment is provided to make the finishing/consolidation in accordance to the final application.

Available configurations:

- **Spunbond:** typical from 1 beam (S) up to 2 beams (SS)
- **Composite:** typical SXS suitable for a future installation of other equipment or third spunbond beam

Downstream process:

- Mechanical bonding (needle-punching)
- Hydroentangling (waterjet)
- Thermobonding
- Binder bonding
- Hot calendering

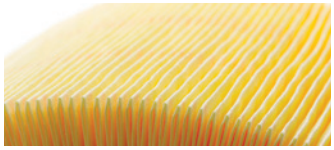
FARE
FUELING FIBERS INNOVATION

Basic features for coarse denier nonwovens lines	
Raw material	PP, PET, PLA, PE and copolymers
Configuration	Monocomponent or bicomponent
Grammage range (gsm)	Typical 30 to 1000
Filaments size (dtex)	Typical 3 to 12
Working width (mm)	Typical 3000 to 6000
Productivity capacity (kg/h*m)	Up to 250 per beam
Configuration	Spunbond (S or SS) or composite (SXS)

Space requirements:

- Process equipment area: approx 1200 to 2200 m^2 (50 to 90 x 24)
- Free height: spunbond section 15 m/downstream section 7 m
- Service equipment area: approx 600 to 1000 m^2
- Raw material warehouse: approx 300 m^2
- Finished product warehouse: approx ≥ 1600 m^2
- Recommended building: approx 3600 to 5000 m^2 (typical 100 to 140 x 36)





Applications field:

- Automotive
- Coating substrates
- Clothing
- Electric and electronics
- Filtration
- Food and beverage
- Footwear
- Geotextiles and civil engineering
- Household
- Packaging
- Roofing/Building

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