



Product family

Fabrics for Air Laid Nonwovens

We focus with our products and services on the needs of our customers. Our goal is to support our customers achieving their goals. Aligned with our strong commitment in research and development we deliver products which generate a clear customer value.

Voith has developed a product family especially for the Air Laid production of nonwovens. Blending state of the art production facilities and innovative materials together with unique structures create the foundation for delivering a reliable product performance.

Your benefits

- + Full product range for Air Laid Nonwoven process
 - + Globally operating company with strong local presence
 - + Continuous R&D efforts to meet your requirements
 - + Full line supplier as a reliable cooperation partner
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Overview of our Air Laid products

Out of our fabrics portfolio we supply tailored products for the single key positions of Air Laid nonwoven production.

- Forming belt position: A double-layer forming fabric designed to have appropriate fiber retention with required electrostatic dissipation.
- Transfer position: Unique monofilament spiral fabric designed for the Transfer Position of an Air Laid nonwoven manufacturing process. The permeability can be easily adjusted according to your product and process needs by different stuffer options.
- Drying position: Monofilament spiral fabric especially designed for the drying process of Air Laid nonwovens. The spiral design offers an excellent web support with a high contact area and adjusted permeability level. The design is easy to clean from residual binding agents due to the applied contamination release additives. Due to the large diameter of the monofilament spiral product a high abrasion potential during operation is reached.

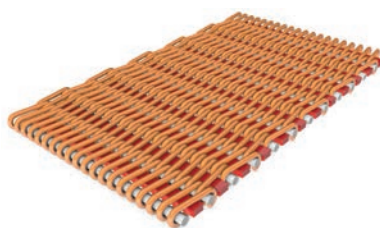
Application details and differentiation

	Belt/Forming	Transfer	Drying
Textile structure	Woven	Spiral	Spiral
Technical data			
Warp/Spiral	0.3	0.7	0.9
Material	PET	PET	PET, 4 % PTFE
Weft/Hinge	0.3/0.28/0.40	0.9	0.9
Material	PET/CN/PET	PET	PET
CFM	440–750	350–950	950
m3/m2/hr	8800–12000	4800–15200	15200

Woven double layer design for the belt position



Stuffed spiral design for the transfer position



Spiral design for the drying position



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