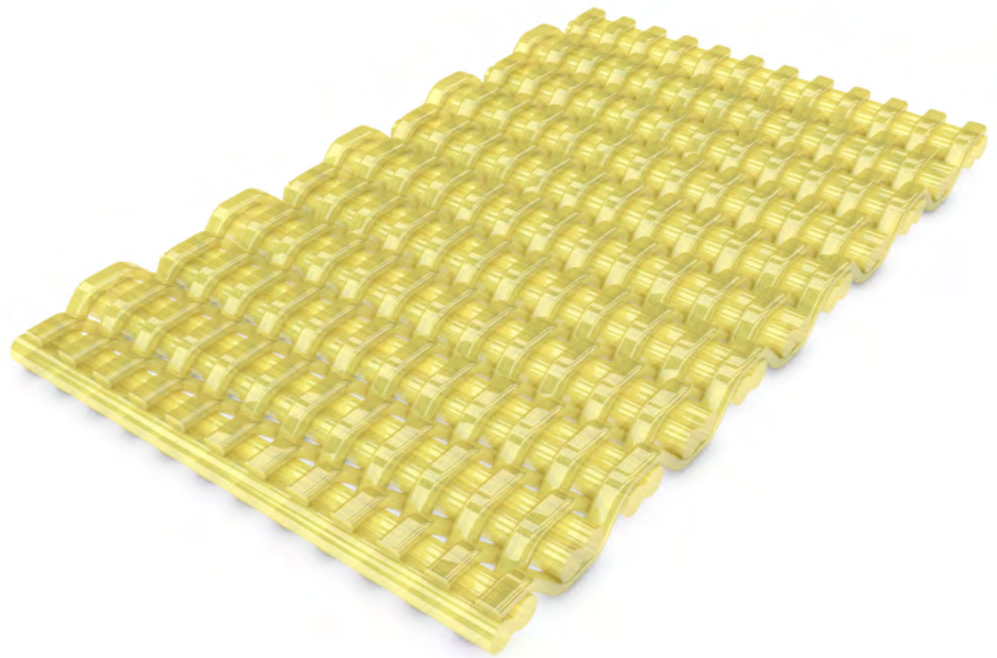


Dryer fabric for high temperatures

Magma



Your benefits

- + Improved hydrolysis resistance through heat resistant PPS material
- + Reduced contamination optimizes evaporation and increases drying efficiency
- + Easy to clean

Do you need a dryer fabric that can withstand very high temperatures? The newly developed Magma dryer fabric from Voith offers impressive high-temperature stability.

The Magma dryer fabric is part of the proven CleanWeave product family, which has a high resistance against contamination, is easy to clean, offers high drying efficiency and a good web run. The material is made of hydrolysis resistant PPS and shows its benefits fully when operating at high temperatures.

Advantage through best material

Like volcanic elements, Magma and Magma^{High} dryer fabrics are designed to survive under extremely hot conditions. Magma dryer fabrics contain the best heat and hydrolyse resistant PPS yarns for optimum performance.

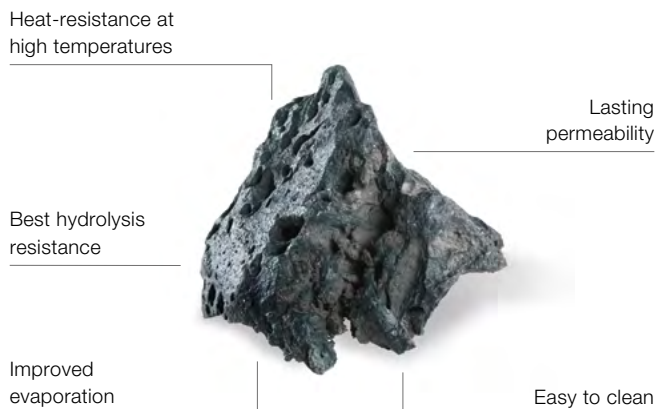
CleanWeave structure for high dryness

The proven CleanWeave concept is based on achieving an industry low inner void volume and fewer number of crossover points which, preventing the accumulation of contamination within the fabric and on the fabric surface. This ensures a highly effective evaporation of moisture from the web throughout the entire life cycle of the fabric. Magma can also be easily cleaned with all types of mechanical cleaning equipment such as DuoCleaner Express, as well as through manual cleaning.

Areas of application

Magma is suited for use in single- and two-tier dryer sections with high steam pressures and can also be installed in the final groups of pre- and after-dryer sections. The dryer fabric is designed for board, packaging and graphic paper manufacturing, where hydrolysis plays an important role.

Features of Magma



Technical data and scope of application

Yarn	Warp	Weft
Material	PPS	PPS
Dimensions	0.40 x 0.60 mm	0.80 x 1.60 mm (Bi-nodal)

Permeability range

cfm	90 – 400
m ³ /m ² /hr	1 400 – 6 400

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