

hydrotexx



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Nonwovens for Pool and Spa Filtration

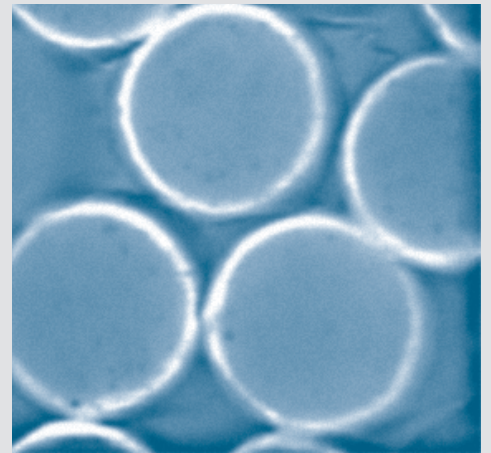
viledon[®]

hydrotexx



High performance filtration due to bicomponent fiber technology

The secret to the crisp pleats achieved with Viledon hydrotexx media is in the sheath/core design of its continuous filaments. The pure polyester core gives strength and durability to the fabric, while the outer sheath layer contains a specially designed polyester polymer that cross-links the filaments into a rigid fabric. The finished fabric produces exceptional pleats and is excellent for slitting and cutting. The result is high column strength, apparent when looking at a finished cartridge.

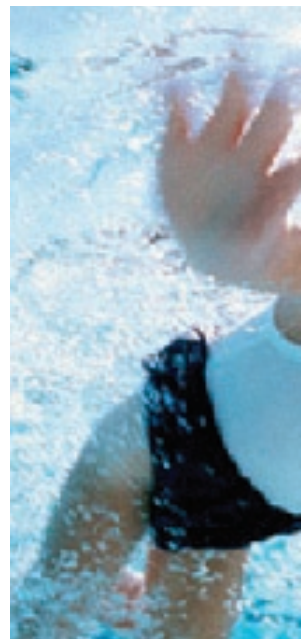


A fabric to design the future

To meet our customers' innovative design requirements today and in the future, Viledon hydrotexx media is thermally and ultrasonically sealable. It is resistant against all common pool and spa cleaning agents. These characteristics, combined with our range of product weights give the freedom needed to meet your customer's requirements in the future.

Designed with love for the details

When designing Viledon hydrotexx media we took special interest in the filament surface. The experience of our development team coupled with cutting edge extrusion technology, made it possible to achieve an outstanding smooth filament surface. This makes pool and spa cartridges containing Viledon hydrotexx media very easy to clean. Combining these attributes with the high spot-to-spot uniformity results in a filter fabric able to attain excellent filtration efficiencies, meeting national and international standards.



Purity and optical brilliance

Viledon hydrotexx media contains no glue or binders that would limit the filtration area — it is pure polyester. Every pore is ready to perform to its highest potential, ultimately rewarding the cartridge with a very low pressure drop. The performance of cartridges made with Viledon hydrotexx media is enhanced by the optical brilliance of the fabric. Our brightening technology makes Viledon hydrotexx media “out shine” all others.

Viledon hydrotexx media performance at a glance

- High spot-to-spot uniformity yields excellent filtration performance
- Smooth filament surface provides the cartridge superior cleanability
- Bicomponent filament design results in a rigid fabric that easily accepts and holds crisp pleats



- High column strength due to bicomponent filament technology
- The rigid fabric is excellent for cutting and slitting
- Continuous filaments make the fibers strong and reduce fiber migration
- Viledon hydrotexx media does not use glue or binder which creates high porosity, resulting in low pressure drop in the cartridge filter
- Purity and performance is accentuated by bright and shiny appearance
- Resistant to all common Pool & Spa cleaning agents
- Thermally and ultrasonically sealable
- Range of product weights providing flexibility in future cartridge design

About Freudenberg

Freudenberg is the inventor of nonwovens and the largest producer globally. It is a multi billion dollar, family owned business, that has been a major manufacturer of high quality products for more than 150 years.

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