



filtura®

HIGH-PERFORMANCE NONWOVEN FILTER MEDIA

FOR LONGER-LASTING POOL & SPA
CARTRIDGE FILTERS

INNOVATING TOGETHER

 **FREUDENBERG**
PERFORMANCE MATERIALS

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FOR LONGER-LASTING POOL & SPA
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The global residential and commercial swimming pool market is one of the biggest growth markets. With that growth, comes the responsibility for filter makers to produce reliable and durable filters cost-effectively. The filter medium plays a fundamental role in the functionality of pool and spa cartridge filters. Filtura filtration specialists have been developing and producing this product category for over a decade.

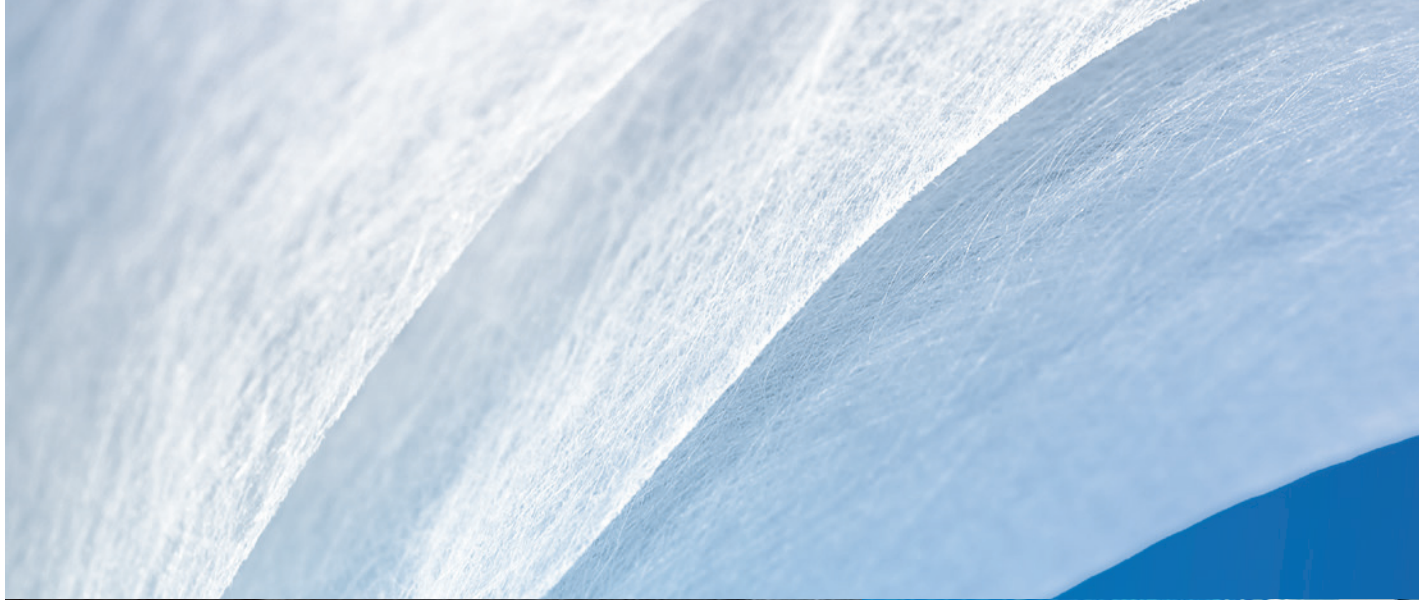
Filter media tailored to your needs

Filtura filtration specialists and technical textiles engineers understand that no two manufacturing processes are the same. Therefore, our specialists work closely with clients to ensure that the filter medium delivers exactly what is required for the cost-efficient, high-quality cartridge filter production. With a wide-range of nonwoven options available, Filtura can provide the ideal solution for each individual manufacturing process and cartridge configuration. Additionally, the Filtura product portfolio includes nonwovens with antimicrobial properties.

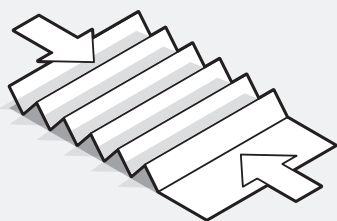
The production facilities span across three continents allowing for a fast and reliable supply to meet the demands of clients worldwide.

Ensuring sharp and stable pleats

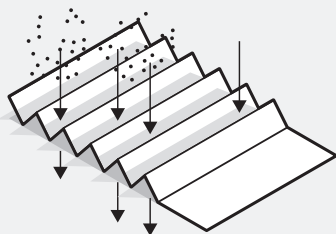
Thanks to their unique properties and durability, the Filtura range of nonwoven filter media is the preferred choice of leading pool and spa filter producers. One feature setting Filtura nonwovens apart from alternative solutions is their excellent pleatability. It maximizes the filtration area of the finished cartridge filter. Concurrently, the stiffness of Filtura



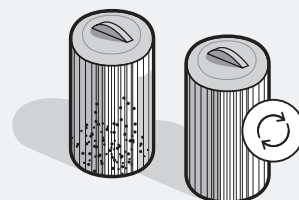
Characteristics / product attributes



- Processing**
- Easy to pleat



- Large surface area**
- Enables formation of sharp & sturdy pleats for high flow capacity and filtration surface



- Cleanability**
- Easy to clean,
 - Reusable

nonwoven filter media ensures that the pleats withstand high pressure and support efficient cleaning.

Repeated cycles of washing have confirmed the media don't impart any loose fibres into the water, ensuring the longer life of the filtration unit.

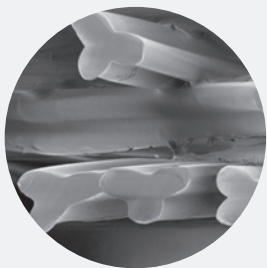
Keeping the pool clean & the filter running

Repeated cycles of washing have been conducted to verify the long-term stability of pleated Filtura nonwoven filter media, ensuring their durability. Additionally, independent

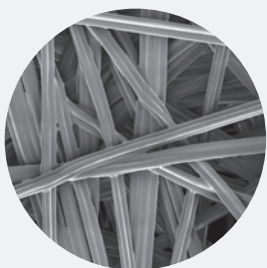
testing laboratories have confirmed their resistance to chlorine and other detergents commonly used to maintain spa and swimming pools. No matter how tough it gets – the filter medium's fibers maintain their structural integrity. Consequently, Filtura nonwovens extend the product's life assisting filter producers surpass the expectations of their continually expanding customer base.



Pool & Spa filter media portfolio



Cross section
Filtura filter medium
with trilobal filaments
for enhanced filtration
efficiency and dirt holding
capacity



Microscopic view
Thermal bonded filaments
for excellent pleat stability



Colors
White
Light blue



Weight
80-145 g/m²
(ISO 9237-1)



Thickness
0.3-0.5 mm



Air permeability
800-2000 l/m²/s
100pa (ISO 9237)



NSF certification
Suitable for filters
requiring NSF 50
certification



Antimicrobial
Media available

***Do you want to take advantage of Filtura?**
Reach out today to discuss your requirements!*



Filtura is a Freudenberg brand of high-performance roll goods such as nonwoven air and liquid filter media and support layers. Given the great diversity of available technologies, products can be tailored to meet specific process and application requirements. Typical end-uses include HVAC and cabin air as well as pool and spa filters.

State-of-the art Filtura production and R&D facilities are situated on three continents. Around the globe, a team of experienced filtration specialists is available to assist manufacturers in finding the best product for each specific filter configuration. Our forward-thinking approach to product and application development is an asset, which our clients can tap into to address tomorrow's challenges.

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PO-ENG-PAS-2024/02