



# **FILTER MEDIA**

**FOR POOL & SPA  
CARTRIDGE FILTERS**

FREUDENBERG  
PERFORMANCE MATERIALS

 **FREUDENBERG**  
INNOVATING TOGETHER

# HIGH PERFORMANCE FILTER MEDIA

OPTIMUM FUNCTIONALITY, HIGH QUALITY AND UNMATCHED SERVICE



The Freudenberg range of pool & spa filter media is the trusted choice in the filtration market. Our broad portfolio of filter media, ranging from trilobal to round filament media, is suitable for all cartridge configurations. The filter media ensures the best in class filtration performance outperforming available alternatives.

## High performance filter media for pool and spa cartridge filters

Through our years of experience working with our partners across the filtration industry, we understand that no two manufacturing processes are exactly the same. We strongly believe in the process of co-development. Our engineers hence work closely with you to ensure the smoothest process in converting our filter media into the highest performing filter in the market.

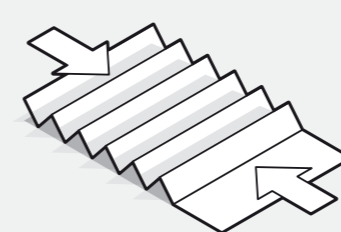
Through our global footprint and extensive experience in supply chains, we are able to service your requirements across the globe making us the reliable partner for your filtration materials.

## Durability that surpasses the standards

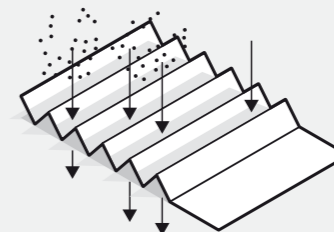
The essence of an durable pool filter lies in the quality of the filter media. With best in class material stiffness our filter media ensure strong pleats that withstand high pressure and support efficient cleaning.



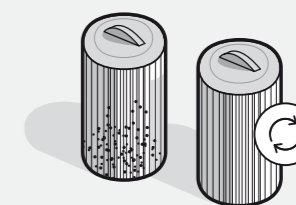
### Characteristics / product attributes



**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

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

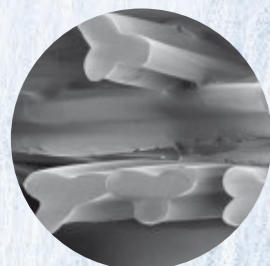
## Keeping the pool clean & the filter running

Cleanliness and hygiene are critical factors towards user safety when it comes to pools and the standard form of maintenance involves the use of chlorine and detergents. The Freudenberg range of pool & spa media are especially designed to be resistant to chlorine and

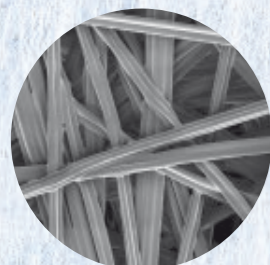
other such detergents ensuring the performance of your filters remain unaffected by the demanding cleaning requirements at both public & personal pools. Repeated testing of the filter media with chlorine based salts have shown the fibers maintain their structural integrity and no loose fibres released from the media into the water.

Antimicrobial properties available as per requirement of filter construct.

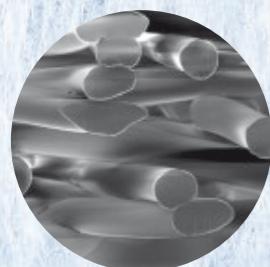
Freudenberg Performance Materials manufactures materials for pool & spa in 3 locations: Asia, Europe and the USA



Cross section of trilobal filament



Filter media surface



Cross section of round filament



● sales locations across the globe

Pool & Spa filter media portfolio



**Colors**  
White  
Light blue



**Weight**  
80-145 g/m<sup>2</sup>  
(ISO 9237-1)



**Thickness**  
0.3-0.5 mm



**Air permeability**  
800-2000 l/m<sup>2</sup>/s  
100pa (ISO 9237)



**NSF certification**  
Suitable for filters  
requiring NSF 50  
certification



**Antimicrobial**  
Media available

## WE ARE RIGHT THERE FOR YOU, WHEREVER YOU NEED US

Five regional headquarters, 16 production sites and a comprehensive sales, service and support network with more than 60 branch offices worldwide- this is our definition of global partnership. Our global presence enables us to pool resources across borders and create synergies to facilitate the

efficient transfer of know-how across all industries. This makes Freudenberg a reliable, flexible and highly innovative partner and most importantly a trusted supplier for your filter media requirements.



## HIGH PERFORMANCE FILTER MEDIA

### A TRUE EXEMPLIFICATION OF THE QUALITY OF FREUDENBERG PERFORMANCE MATERIALS

We are pioneer in the technological development of innovative materials and new production methods. We cooperate with our international customers at working on tailor-made solutions with considerable added values. This has made Freudenberg Performance Materials one of the world's leading manufacturers of innovative technical textiles for many applications. We are the number one choice not only in the clothing industry but also in the car interior, construction, hygiene, medical, shoe component and filter material markets and in the field of technical applications.

#### Filter facts

- All filters made with Freudenberg Performance Materials Filter Media are NSF certified
- Freudenberg has been manufacturing pool & spa filter media for over 25 years
- Freudenberg Performance Materials manufactures materials for pool & spa in 3 locations (Asia, Europe, USA)
- Good pleat quality is critical for a pool & spa filter, because pleats of a filter touching each other results in a loss in the total filtration area

## FREUDENBERG PERFORMANCE MATERIALS

#### Innovating together

Freudenberg Performance Materials is a leading global supplier of innovative technical textiles for a broad range of markets and applications such as apparel, automotive, building interiors, building materials, healthcare, energy, filter media, shoe and leather goods as well as specialties. In 2021, the company generated sales of more than €1.3 billion, had 33 production sites in 14 countries around the world and had some 5.000 employees. Freudenberg Performance Materials attaches great importance to social and ecological responsibility as the basis for its business success.

#### Global technology, trend-setting innovations

Together with partners, customers and science, more than 40,000 employees at more than 60 locations develop technically leading products, excellent solutions and services.

Nonwovens, filter, seal, vibration-control components, special chemicals, medical technology products, IT services and the latest cleaning products made by Freudenberg are indispensable for thousands of applications in more than 30 market segments.

## Freudenberg Performance Materials

### Europe

#### Netherlands

Westervoortsedijk 73  
6827 AV Arnhem  
T +31 85 744 1300

### Americas

#### USA

Freudenberg Performance Materials LP  
3500 Industrial Drive  
27704 Durham  
United States  
T +1 919 620 3900

### Asia

#### Taiwan

Freudenberg Far Eastern Spunweb Co. Ltd.  
38, Lun Din, Shi Hai Village, Tayuan,  
Taoyuan, Taiwan  
T +886 (0)3 384 6121

[www.freudenberg-pm.com](http://www.freudenberg-pm.com)

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