

MICRON¹

INDUSTRY LEADING FILTER MEDIA

INDUSTRY BEST FILTRATION MEDIA



Unique Green
Manufacturing Process



Superior water quality with
up to 50% less chlorine



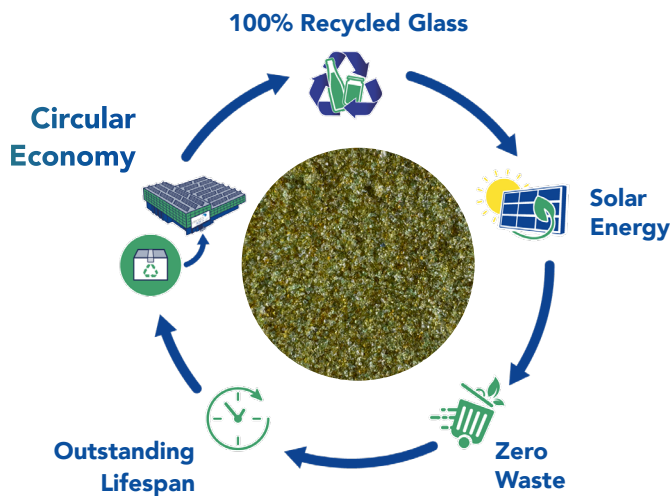
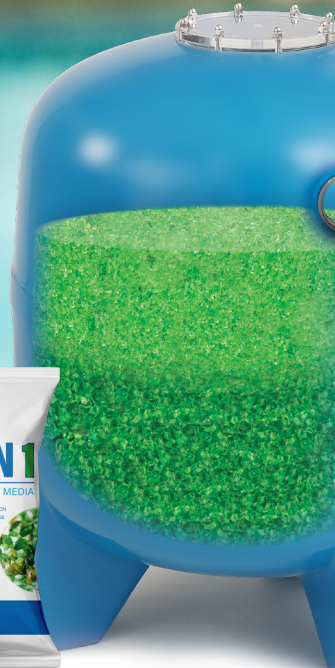
Up to 80% less backwash water
compared to other filter media



Stable and reliable performance
No loss of efficiency



YouTube



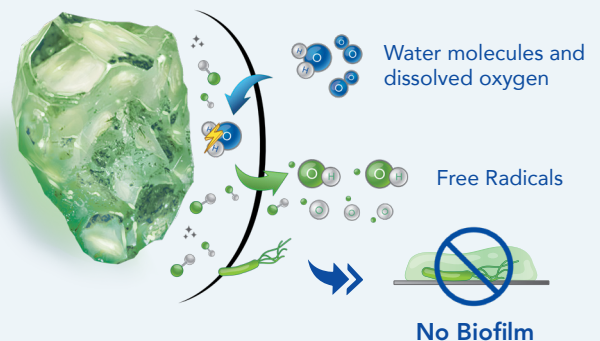
A UNIQUE ECO-FRIENDLY MANUFACTURING PROCESS

MICRON 1 is made from **100% locally sourced recycled glass**, produced in state-of-the-art facilities in Switzerland and Scotland. Our production is self-sufficient in water and energy, exclusively using rainwater and generating up to **1.2 gigawatts of solar energy per year**. Every by-product is recycled or reused, ensuring **zero-waste manufacturing** and setting a new standard for sustainable production.

THE ONLY 100% BIO-RESISTANT FILTER MEDIA!

Thanks to a unique three-step chemical and thermal activation process, MICRON 1 becomes the **only fully bio-resistant filter media**, preventing bacterial growth and biofilm formation in your filter. This advanced technology stops unfiltered water from passing through, prevents pathogens from entering your pool, and eliminates harmful chlorine smell (trichloramines). It also ensures efficient and consistent filtration, giving MICRON 1 a **much longer lifespan than any other filter media**.

- ✓ No bacterial growth
- ✓ No chlorine smell
- ✓ No clumping - No channeling
- ✓ No loss of efficiency



SELF-STERILISING SURFACE

UNMATCHED FILTRATION PERFORMANCE OF 1 MICRON

Thanks to its activation process, the surface of MICRON 1 is significantly increased and becomes hydrophobic, enabling it to capture ultra-fine particles **as small as 1 micron (Filtration certified by the independent laboratory IFTS)**. MICRON 1 filters about 50% more organic matter than sand or other filter media, ensuring exceptional water clarity while significantly reducing the use of chemicals compared to other filtration methods (sand and cartridge filters).

- ✓ Filtration to 1 micron
- ✓ Up to 50% less chlorine
- ✓ Best air quality
- ✓ Exceptional water clarity

INCREASED HYDROPHOBIC SURFACE

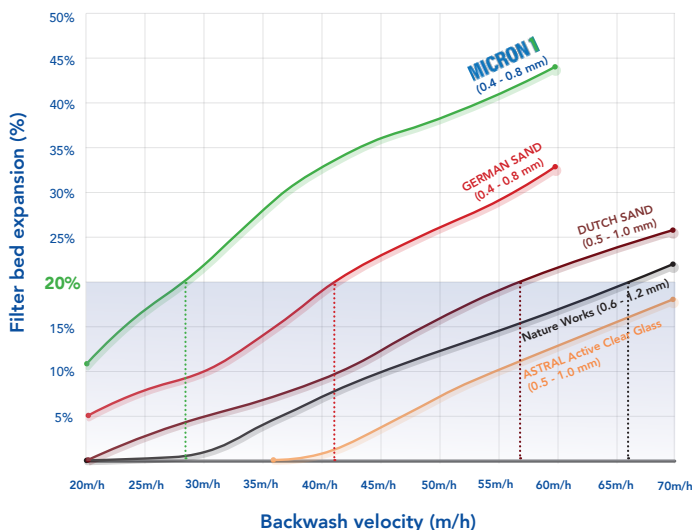
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MICRON

IFTS.
INDEPENDENT FILTRATION & SEPARATION TESTS

Advanced adsorption
of organic matter



Filter bed expansion at 25°C



UP TO 80% LESS BACKWASH WATER!

MICRON 1 stands out for its exceptional backwash performance. Unlike other filter media that suffer from clogging, biological fouling, and poor bed expansion, MICRON 1 ensures optimal expansion even during slower backwashes. Without biofilm accumulation, it removes more than 95% of trapped particles in less time. **This process reduces water consumption by up to 80% compared to other filter media, saving thousands of liters each year.**

ADAPTED TO ALL SAND FILTERS

An average sand filter takes 300 lbs of sand, but you only need 250 lbs of MICRON 1 - **that's 17% less than traditional sand**



PACKAGING

Available in
25 lbs bags

Choosing MICRON 1 is much more than just improving your filter; it's an investment in superior water quality, healthier air, a safer swimming environment, reduced costs, and a sustainable future.

