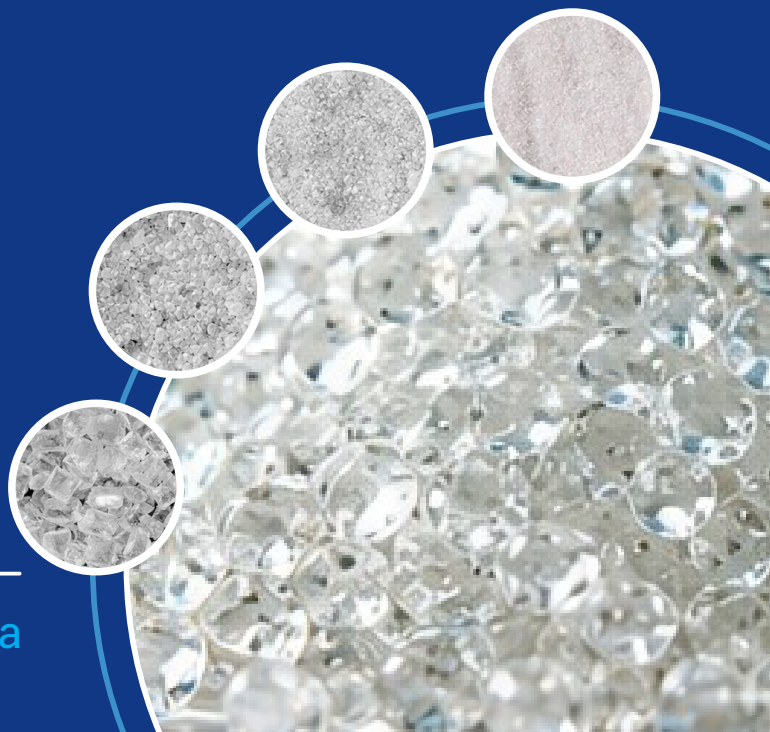




**STARKE
AQUACARE
TECHNOLOGIES**

GLASS FILTER MEDIA

High Performance Glass Filter Media



Starke Glass Filter Media is a premium filtration media manufactured from high-quality recycled glass and processed to provide excellent particle shape and consistent grading. Designed as a direct replacement for silica sand, it delivers superior filtration performance, reduced maintenance requirements, and extended service life across a wide range of water treatment applications.



ADVANTAGES

- Manufactured from high-quality recycled glass.
- Filters suspended particles down to 4–5 microns, producing clearer water.
- Activated surface helps inhibit bacterial growth and minimizes biofouling.
- Uniform particle grading promotes efficient filtration and minimizes channeling.
- Faster backwashing reduces water consumption and operating time.
- Longer service life than conventional silica sand.
- Chemically stable and non-toxic.
- Lower operating and maintenance costs.
- Suitable for new installations as well as replacement of silica sand.
- Environmentally sustainable filtration media.



PHYSICAL PROPERTIES

Appearance	: White to Clear
Material	: Activated Recycled Glass
Grain Shape	: Sub-angular
Particle Sizes Available	: 0.5–1.5 mm, 1.5–3 mm, 3–6 mm, 6–9 mm
Specific Gravity	: 2.4 - 2.5
pH	: 9.5 – 10
Solubility in Water	: Insoluble
Melting Point	: >800°C
Decomposition Temperature	: >2000°C
Odour	: None
Flammability	: Non-flammable
Bulk Density	: 1.2 - 1.35 g/cm ³



RECOMMENDED FILTER BED CONFIGURATION



Commercial Water Treatment

Media	Percentage
0.5–1.5 mm	70%
1.5–3 mm	15%
3–6 mm	15%

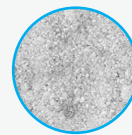
Swimming Pool Filtration

Media	Percentage
0.5–1.5 mm	60%
1.5–3 mm	20%
3–6 mm	20%

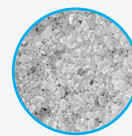
AVAILABLE GRADES



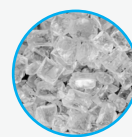
Fine
0.5–1.5 mm



Medium
1.5–3 mm



Coarse
3–6 mm



Support Layer
6–9 mm



STORAGE AND MATERIAL HANDLING

- Store in a clean, dry and covered area.
- Protect from contamination and excessive moisture.
- Handle carefully to avoid contamination during loading and unloading.
- Use appropriate Personal Protective Equipment (PPE) during handling.
- Keep bags sealed until installation.



PERFORMANCE BENEFITS

- High filtration efficiency
- Crystal clear water
- Reduced backwash water consumption
- Faster backwash cycles
- Lower operating costs
- Longer media life
- Non-toxic
- Non-hazardous
- Heat treated
- Activated surface technology
- Suitable replacement for silica sand



ORDERING INFORMATION

Description	: Starke Glass Filter Media
Available Sizes	: 0.5–1.5 mm, 1.5–3 mm, 3–6 mm, 6–9 mm
Packaging	: 25 kg Bags
Bulk Packaging	: Jumbo Bags

Custom Packaging is Available Upon Request



APPLICATIONS



DISCLAIMER

The information and recommendations contained in this publication are based on technical data believed to be reliable. However, actual operating conditions may vary depending on water quality, system design, and operating parameters. Users are advised to determine the suitability of the product through appropriate testing before use. Product specifications may change without prior notice.