

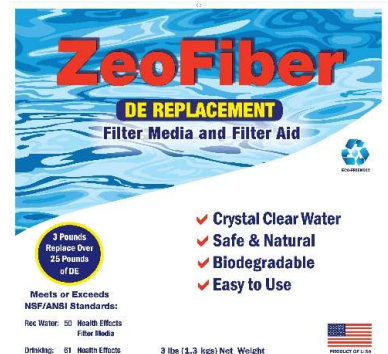


Zar-Min®

Use • Installation Troubleshooting

Zeolite Feed Additive

Nature Refined
Science Proven



Purpose

This manual provides validated procedures for the correct use, installation, and maintenance of **Zeofiber cellulose filter media**. When properly applied, Zeofiber delivers water clarity superior to that of diatomaceous earth (DE), while being safer, lighter, and more environmentally sustainable. It is suitable for use in any pool or spa filter originally designed for diatomaceous earth (DE) media.



Product Overview

ZeoFiber is an all-natural, biodegradable, and environmentally safe alternative to diatomaceous earth for all pools and spas. Made from 100% pure cellulose fiber, ZeoFiber filters down to 2–4 microns, giving water a visibly clearer and more polished appearance than DE.

ZeoFiber is safe, renewable, and contains no crystalline silica or carcinogenic material. It is non-toxic, easy to handle, and ZeoFiber was independently tested in accordance with NSF/ANSI 50 performance requirements for DE replacement media, demonstrating superior performance to DE in turbidity reduction and longevity tests.

Technical Properties

- Composition: 100 % natural cellulose fiber.
- Filtration range: 2–4 μm (finer than DE at 3–5 μm).
- Bulk density: ~5 lb/ft³.
- Color: White.
- Chemically inert and compatible with standard pool sanitizers.

1 lb ZeoFiber = 9.4 lb DE



ZeoFiber Benefits

Feature	ZeoFiber	DE	Cartridge
Filtration	2–4 μm	3–5 μm	10–20 μm
Safe	No silica	Crystalline silica	No silica
Weight	Light	Heavy	Moderate
Disposal	Safe	Check local regs	Easy
Handling	No dust	Dusty	Easy



Use Rate

ZeoFiber is applied by **filter area** and measured conveniently using the **8-oz measuring cup** included in each bag, or by **weight** when replacing DE.

Replace DE at a ratio of **1 lb ZeoFiber to 9 lb DE** ($\approx 1 : 9$ by weight).

For quick field use: **3 cups ZeoFiber per 12 ft² of filter area.**

ZeoFiber Use Rate	
Filter Size	ZeoFiber
(ft ²)	(Cups)
24	6
36	9
48	12
60	15
72	18

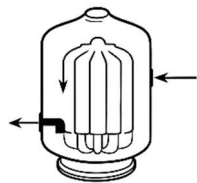
As a **filter aid** for sand or zeolite media, add **2-3 cups ZeoFiber** through the skimmer at start-up or after each backwash.



Installation

ZeoFiber contains no silica dust or abrasive particles. Its lightweight fibers should be added directly through the skimmer for uniform coating of the grids.

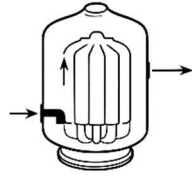
Step 1 - Preparation



- Backwash or clean filter completely.
- Check for worn or torn grids, cartridges, or laterals.
- Restore proper flow and ensure the system is primed.

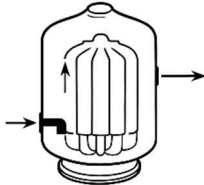


Step 2 - Charging the Filter



- With pump running, add ZeoFiber through the skimmer.
- Allow uniform dispersion.
- Observe a 1-3 psi rise as coating forms.
- Verify even return flow and pressure stabilization.

Step 3 - Operation



- Operate the filter normally.
- Backwash when pressure rises **8-10 psi above startup**.

Troubleshooting

Cloudy water after startup

Reason: Incomplete coating or under-dosing.

Fix: Recharge at the correct rate.

Result: Water typically begins to clear in a few hours.

Short filter cycles

Reason: Over-charging or compacted fiber.

Fix: Reduce dosage 25 to 50%

Result: Filter cycles will increase.

Low flow or high pressure

Reason: Dirty or restricted grids.

Fix: Clean and inspect grids before recharging.

Result: Increased flow and reduced pressure.

Operational Best Practices

- Always **add ZeoFiber slowly** when the filter is running.
- Always follow filter manufacturer instructions and local regulations.
- Maintain sanitizer and algaecide within normal operating range.
- Record **baseline clean pressure** after each recharge.
- Backwash when pressure increases ≥ 10 psi.



- Dispose of backwash per local regulations.
- Store sealed container in a dry area.

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