

# ZeoSand

## ZEOLITE SAND REPLACEMENT

- ✓ DE-Like Clarity
- ✓ Natural & Safe
- ✓ Saves Water
- ✓ Controls Chloramines



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	ZeoSand	Sand	Glass	DE	Cartridge
Microns Filtered	2-5	20-40	15-40	2-5	10-25
Media Cost	\$\$	\$	\$\$\$	\$\$\$	\$\$\$
Filter Cost	\$	\$	\$	\$\$\$	\$
Maintenance	Low	Low	Low	Highest	High



Certified to NSF/ANSI Standards:  
Rec Water: 50 Health Effects  
Filter Media



# ZeoSand

## ZEOLITE SAND REPLACEMENT

### ◆ Superior Zeolite

All Zeolites are not the same

### ◆ Improves Clarity

DE- like micron clarity  
Huge dirt trapping surface area

### ◆ Reduces Chloramines

Reduces chemical shock treatment  
Traps Ammonia

### ◆ Reduces Water Use

Increases time between backwashes  
Shortens backwash time

## What Is ZeoSand?

ZeoSand is a high purity natural zeolite that has a unique three dimensional honeycomb structure. Natural zeolites were formed millions of years ago by alkaline salt water altering volcanic ash. ZeoSand is a clino type zeolite that has a huge surface area and a natural ammonium ion trapping capacity. The same natural zeolite in ZeoSand is also used as a soil amendment and feed additive.

## Why Does ZeoSand Give Superior Clarity

The sandpaper rough surface has 1 to 15 micron pore spaces that trap smaller particles than sand; thus, water clarity is improved. A cubic foot of ZeoSand has the surface area of 100 football fields about 100 times greater than sand and over 200 times greater than glass. ZeoSand's huge surface area holds more dirt than sand; therefore, the time between backwashes can be increased.

## How Does ZeoSand Control Chloramines?

ZeoSand traps and holds ammonium ions through a molecular sieving or water softening action. Sand does not trap ammonium ions. Less ammonia means reduced eye-burning chloramines. Since chloramines are lower, chemical shock treatments are not needed as often. A twenty five pound bag of ZeoSand will trap about half a pound of ammonium ions.

## Application Rates

25-30 lbs. of ZeoSand replaces 50 lbs of sand. For filters less than 500 lbs., replace sand with 50% by weight of ZeoSand. Filters 500 lbs. and larger require a 60% replacement ratio. Note: Glass replaces sand at a 80% replacement ratio by weight.

EX: 300 lb. filter requires 50% or 150 lbs. of ZeoSand  
500 lb. filter requires 60% or 300 lbs. of ZeoSand

## How Is ZeoSand Used?

To install, remove all of the sand from the filter and repair any damaged parts. Fill the filter half way with water and slowly pour the ZeoSand into the filter. Backwash until the backwash water is clear; this will take several minutes. Turn the filter off for two minutes and let the ZeoSand settle. Backwash for an additional two minutes and check to be sure the backwash water is clear. If the backwash water is clear, turn the multiport valve to filter and start the pump.

## How Long Does ZeoSand Last?

Under normal conditions, ZeoSand will need to be replaced about as often as sand and glass. After filter use, ZeoSand may be added to your garden or potted plants as a soil conditioner. ZeoSand may be discarded as a non hazardous waste. See Zeo's web site, [www.zeoinc.com](http://www.zeoinc.com), for more information about ZeoSand and other natural zeolite products. After initial backwash your future backwashes will be shorter and your filter cycles longer thus saving you water and chemicals.