



**Filter  
Media**



# RUBY SAND

**Filter Sand Replacement**

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- ◆ DE like clarity  
Up to 90% better than sand
- ◆ Less Backwashing
- ◆ One 20 pound bag replaces  
50 pounds of sand

**Huge surface area gives better clarity**

	Ruby Sand	Sand	Glass
Microns Filtered	2-5	20-40	14-40
Use Rate (lbs.)	20	50	40
Media Cost	\$\$	\$	\$\$\$\$

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NSF/ANSI Standard 50  
Filter Media

Product of USA

# RUBY SAND

## Filter Sand Replacement



### Benefits of Massive Surface Area

- ◆ Clearer and cleaner water
- ◆ Filters out smaller dirt particles
- ◆ Traps more particles
  - ◆ Less frequent backwashes
  - ◆ Water conservation
- ◆ Saves money
  - ◆ 20 lbs. replace 50 lbs. of sand or 40 lbs. of glass
  - ◆ Lasts as long or longer than sand or glass.

Ruby Sand provides crystal clear pool water due to its huge surface area and ability to trap much smaller particles than is possible with silica sand or glass. All pool chemicals are compatible with Ruby Sand. When it is time to replace Ruby Sand, it can be added to your garden as a soil conditioner.

### Clearer and Cleaner Water

The rough Ruby Sand surface area traps smaller particles far better than sand or glass. Ruby Sand has a surface area 100 times greater than the smooth sand surface and over 250 times greater than crushed glass. The surface area of a 20# bag of Ruby Sand would cover over 125 NFL fields.

### Saves Water

Ruby Sand saves water because it does not require backwashing as frequently as sand or glass. Both sand and glass require more frequent backwashing because the dirt is only trapped between the filter media particles. Ruby Sand traps dirt between and on the surface of the particles.

### Unique Structure

Ruby Sand is flash heated to 1,200°; this process creates the unique porous ceramic structure, resulting in a much higher surface charge than is found with sand or glass.

### Compatible

All pool and spa sanitizing agents and maintenance chemicals are compatible with Ruby Sand. The pool chemistry should be checked before and after Ruby Sand installation.

### Use Rate

20 pounds of Ruby replaces 50 pounds of sand or 40 pounds of glass.

### Ruby Sand Replacement Weight Ratios (lbs.)

Ruby Sand	Sand	Glass
20	50	40
40	100	80
60	150	120
80	200	160
100	250	200

### Installation

- Step 1: Empty filter make any needed repairs.
- Step 2: For each 20 pound bag of Ruby Sand, dissolve 3 tablespoons of Cal-Hypo (68% min) or Di-Chlor in about one quart of water. Add to filter.
- Step 3: Fill filter half-way with water.
- Step 4: Slowly pour Ruby Sand into filter
- Step 5: Let soak for 20 minutes.
- Step 6: Backwash until backwash water is clear.

### Long Use Life

Under normal conditions, Ruby Sand will need to be replaced as often as sand.