

# FILTER GLASS POOL & SPA

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## PRODUCT

**FILTER GLASS™ Pool & Spa** is manufactured from 100% recycled post-consumer glass beverage containers. With an unsurpassed manufacturing process, **FILTER GLASS** is a clean, high quality product, which makes it the #1 choice for your filter media.

*Don't just use it, reuse it!*

## USES

For use in spas and hot tubs, water parks, swimming pools and aquariums.

## ADVANTAGES

Improved clarity

- Provides high filtration capability
- Eliminates caving and tunnelling

Reduces operating costs

Extends filter life

- Less frequent and shorter backwash times
- Has long life expectancy in filter applications

Safe and easy to use



Certified to NSF/ANSI 50

## FILTER GLASS APPLICATION RATES

### Sand Replacement

18 kg (39.7 lb) of **FILTER GLASS** replaces 22.7 kg (50 lb) of sand. Determine the amount of **FILTER GLASS** you need by multiplying the amount of sand by 0.80.

### Filling Sand Filters with Filter Glass

1. Pea gravel is recommended for all filters using more than 90.7 kg (200 lb) of media. Use sufficient pea gravel to cover the filter laterals.
2. Determine the amount of media required
3. Empty filter and make needed repairs. Check that the laterals in bottom of filter are in good condition.
4. Fill filter half-way with water.
5. Slowly pour pea gravel into filter to cover the laterals and backwash.
6. Add **FILTER GLASS** on top of pea gravel base.
7. Close filter and backwash until water is clear.

**NOTICE:** Obtain the applicable **LIMITED WARRANTY** at [www.targetproducts.com/product-warranty](http://www.targetproducts.com/product-warranty)  
Or send a written request to Target Products Ltd., Five Concourse Parkway, Atlanta, GA 30328, USA.  
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## CHEMICAL COMPOSITION

Chemical Name	Common Name and synonyms	CAS#	Concentration % by weight
Glass	Silica Amorphous	65777-17-13	70.0 - 100.0
Sodium monoxide	Sodium oxides	12401-86-4	10.0 - 14.0
Calcium oxide	Calcium monoxide Unslaked lime	1305-78-8	9.0 - 12.0
Aluminum oxide	Aluminum trioxide	1344-28-1	1.0 - 5.0
Iron oxide	Ferric oxide Diiron trioxide	1309-37-1	1.0 - 5.0
Potassium oxide	Not available.	12136-45-7	1.0 - 5.0
Crystalline silica	Quartz silica Crystallized silicon dioxide	14808-60-7	0.1 - 1.0

The % concentrations for the above listed chemicals will vary from batch to batch. Concentrations listed represent the actual concentration range for each chemical.

This product contains trace amounts of: Beryllium; Arsenic; Cadmium

## SIEVE ANALYSIS DATA

ASTM-E11 Sieve (US Std.)	ISO Sieve Size (mm)	8-20 Coarse #2		Regular Pool Filter	
		% Retained	% Passing	% Retained	% Passing
8	2.380	0	100		
12	1.680	22.0	78.0		
16	1.180	-	-	0.1	99.9
20	0.850	70.8	7.2	27.3	72.6
30	0.600	7.0	0.2	54.0	18.6
40	0.425	0.2	0	16.6	2.0
50	0.300			1.9	0.1
Pan				0.1	0
Effective size d10mm		0.85-1.00		0.50-0.60	
Uniformity Coefficient d60/d10		<1.65		<1.45	

## PACKAGING

**FILTER GLASS** is available in 22.7 kg (50 lb) plastic bags, other bag sizes and bulk deliveries are available on request.

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