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# Filter Balls

Henan Lv Yuan Water Treatment Technology CO.,LTD

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# Who are we

## Filter balls

We are leading manufacturer of filter balls for 20 years in China

1. ISO quality system approved;
2. Production capacity: 1ton per day;
3. Customized size and other requirements if needed;
4. Factory support: price and technical;

The background of the right side of the slide features a close-up, high-speed photograph of water. Numerous clear, spherical bubbles of varying sizes are visible, some rising and some falling, creating a sense of movement. The water surface is slightly rippled. In the upper right quadrant, there is a graphic element consisting of four green squares of increasing size arranged in a diagonal line. In the bottom right corner, there is a small, faint logo consisting of three small squares in green, white, and white.

life , Get clean , Return clean





## Filter balls



Filter balls is optimal filter media for swimming pool water treatment. Filter balls fits all existing sand/glass filters. Filter balls is made of polyester or polyethylene, eco-friendly recyclable material. It is a alternative of filter sand with the advantage of better filtering effect, easy to use, light to handle, no leak of sand in the pool, less backwash, energy saving.

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# Application

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Filter balls fits all existing sand/glass filters for swimming pool. And to get full advantages of filter balls, a fiber ball filter is designed for industrial use. It is widely used in drinking water treatment, industrial water treatment, circulating water treatment, cooling water treatment, sewage treatment water treatment.

## Application



Aquarium water



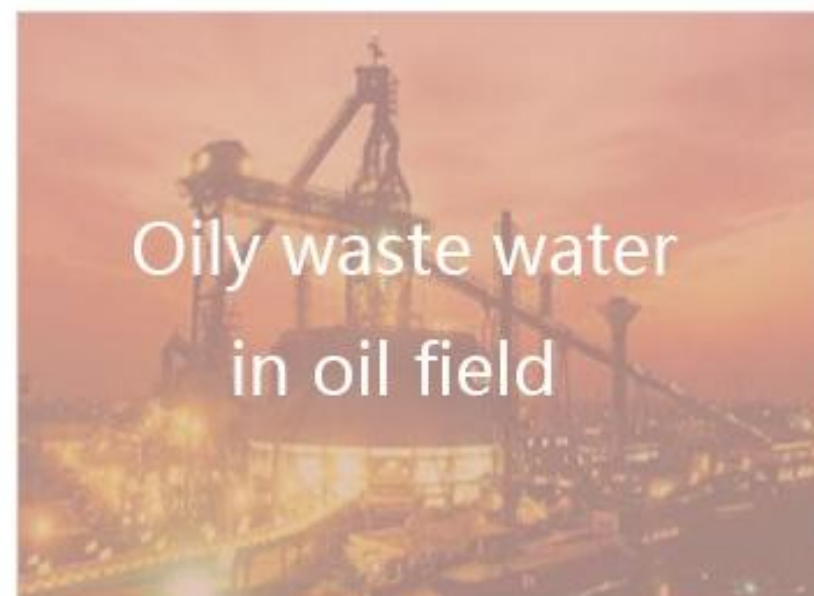
Koi pond water



## Application



Industrial waste  
water fine filtration



Oily waste water  
in oil field







# Advantage

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# Advantage

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1. Best filtration efficiency(3-5 microns);
2. Ultra lightweight; (700g replace 25kg sand);
3. Less backwashing and easy backwashing( every two months or depends on water quality);
4. Energy saving(40% less);
5. Easy to use( easy to fill, handle and backwash);
6. Fits all existing sand or glass filters;
7. Extend lifespan of filter;
8. Easy to add or change compared with sand;
9. Lower working filter tank pressure;
10. Greater flow rate, up to 45%;
11. 100% recyclable and chemical resistant.



# LFB-P



Widely used in various swimming pools、 aquariums、 ponds.

Material: polyester, polypropylene

ability: high filtration and filtration speed

advantage: less backwash is necessary for maintenance purposes , as the filter is not obstructed by sand

Feature: extends the life of your Filter and is an optimal replacement for filter sand , filter glass and other filter media

Usage: reusable several times , healthy, very durable and therefore sloppy

Suitability: 700g filter balls replace 25kg sand



# LFB-P

## Technical Data

Analyze Project	Test Data	Analyze Project	Test Data
Density	1.38g/cm3	Filling Density	75-85 kg/g3
Filtration Speed	20-85m/h	Surface	3000m2/m3
Cut The Dirt Abilty	6-10kg/m3	Porosity	96%
Diameter	30mm	Appearance	White

1. 1.5 Lbs **filter ball** is equivalent to 8 L filter sand, long life, easy to use, help you save energy. No sand in the pool, lighter and more efficient than traditional filter media

2. **Spherical fiber filter** is made of polyester, polypropylene spherical filter or acrylic fiber, with the benefits of good elasticity, difficult to build, large gap, long working cycle, and small loss

3. Widely used in a variety of water treatment industries, **filter ball** is a spherical filter material made of fiber, which is for good elasticity, not floating surface, large gap, long work cycle compared with the traditional steel filter material

4.The gap of the filter layer decreases along the flow direction, and the porosity distribution is small, forming a rapid filtration rate, a large amount of interception, being reusable and renewable, saving time and effort