



Marine Ballast Water Filter Element

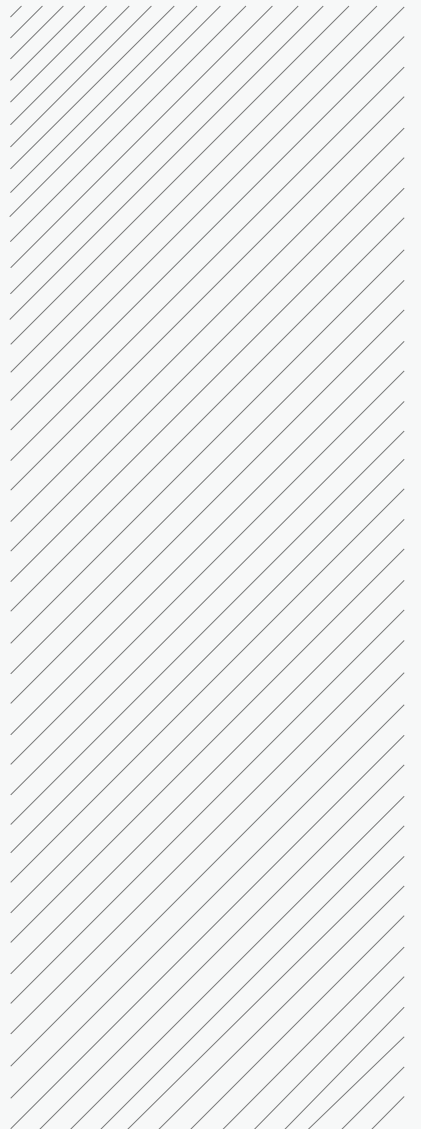
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Marine ballast water filter elements keep most zooplankton, phytoplankton, and sediment from entering ballast water tanks to avoid biological contamination.

Marine ballast water filter element is an important part of the ballast water treatment system for filtering seawater or fresh water. It usually consists of a multi-layer filter mesh, which can effectively remove impurities, particles, microorganisms, etc. from the water. The material of the filter element is usually 304, 316L, 904L, 2507, etc. Different materials can achieve different filtration effects. It should be noted that the service life of the cartridge is limited, and it needs to be replaced regularly to ensure the filtration effect.

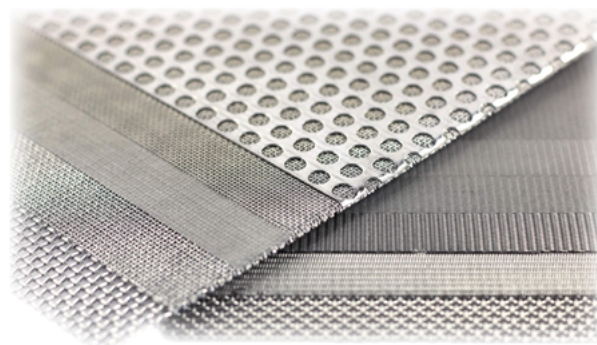
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MARINE BALLAST WATER FILTER ELEMENT CATALOGUE

Specification

- **Material:** 304, 316L, 904L, and 2507
- **Type:** 5-layer sintered metal mesh or multi-layer customized sintered metal mesh
- **Filtration accuracy:** 1–300 micron
- **Temperature:** below 480 °C
- **Connection port:**
 - Standard (e.g. 222, 220, and 226)
 - Thread
 - Quick interface
 - Flange
 - Customized interfaces
- **Size:** 100 mm × 1,000 mm (customized service is also available)
- **Filter type:** horizontal, and vertical



Features

- High flow rate
- Low-pressure drop
- High load capacity
- Precise filtering accuracy
- Acid, alkali resistance & seawater erosion resistance
- Backwash and multiple-use

Application



Large ocean-going ship



Seawater treatment device



Mariculture



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