

MBBR MEDIA CARRIER

Biological Wastewater Treatment Solution

EXPORT GRADE

Ultimate High-Efficiency Biological Filter Media: Experience a masterpiece in biological wastewater treatment designed for breathtaking efficiency across STP, ETP, aquaculture, and industrial or municipal applications. Manufactured in India, this premium plastic biofilm carrier delivers reliable sewage and effluent purification.



Technical Specifications

Parameter	Specification
Media Type	Cylindrical with Finned Design
Material	100% Virgin Polypropylene (PP)
Color	Black
Specific Surface Area	> 500 m ² /m ³
Porosity Ratio	> 66%
Service Life	> 15 Years
Properties	Lightweight, Low Absorption, High Corrosion Resistance
Process Compatibility	Aerobic & Anaerobic Systems

Breathtaking Advantages & Features

Vast Surface & High Porosity

Boasting a specific surface area over 500 m²/m³ and porosity above 66%, it provides ideal micro-environments for dense microbial biofilm growth and attached biomass retention.

Innovative Finned Geometry

Designed with specialized external fins that protect attached biomass from shear forces, optimize hydrodynamic circulation, and streamline fluidization inside aeration tanks.

Logistics, Certifications & Payment Terms

Global Supply Chain & Quality Guarantee

Payment Terms: Flexible and tailored terms to ensure a secure purchasing experience.

Certifications: Certified for premium quality, fully complying with international export standards.

Shipping & Delivery: Prompt dispatch from India via established logistics channels. Major export markets include **Asia, Africa, the Middle East, and Europe.**

Frequently Asked Questions (FAQs)

Q: How is the MBBR Media installed within treatment plants?

A: The MBBR Media is easy to install by immersing the cylindrical, finned carriers directly into the aeration tank of sewage, effluent, or aquaculture systems, ensuring even distribution for optimum treatment efficiency.

Q: What types of water treatment processes are compatible with this MBBR Media?

A: This media is designed for both aerobic and anaerobic biological treatment processes, making it suitable for STP, ETP, industrial, municipal, and aquaculture wastewater applications.

Q: When should I replace the MBBR Media?

A: Thanks to its durable polypropylene construction and corrosion-resistant design, the media offers a service life of over 15 years under normal operating conditions, minimizing the need for frequent replacement.

Q: Where can this MBBR Media be used effectively?

A: It is ideal for sewage and effluent treatment plants, aquaculture farms, and a range of industrial and municipal wastewater management facilities across different regions.

Q: What are the main benefits of using this plastic biofilm carrier?

A: The main benefits include excellent surface area for biofilm growth, high porosity for effective treatment, lightweight for easy installation, and outstanding corrosion resistance, all supporting superior water purification.

Q: How is the MBBR Media shipped to customers?

A: Orders are shipped from India using trusted transport services and logistics partners, ensuring safe and timely delivery to both domestic and international markets.

