



Warden Biomedica

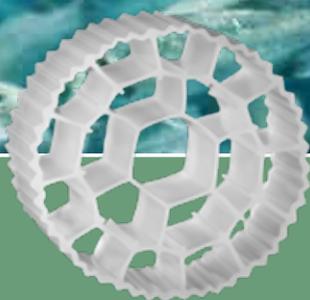
Aquaculture

At Warden Biomedica we design and manufacture a range of biological filter media for the Aquaculture industry. Biopipe+ and Bioflo+ are ideal biological filter media for use in RAS (Recirculation Aquaculture System). Our uniquely designed media provides a large protected surface area for biofilm development and optimal conditions for bacteria culture growth.

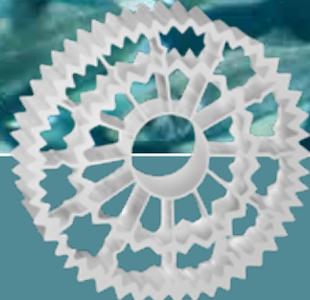
RAS (Recirculation Aquaculture System) are designed to recirculate the water from fish farming tanks after it has been through biological treatment. This reduces water usage compared to traditional fish farming systems where supplementary water is required. This in turn lowers the operating costs and environmental impact of fish farms.

Our team understands the importance of quality control for the Aquaculture industry. We manufacture our media at our state-of-the-art factory in the UK, which gives us complete control over our supply chain.

We can 100% guarantee that no halogens or contaminants are present in our products.



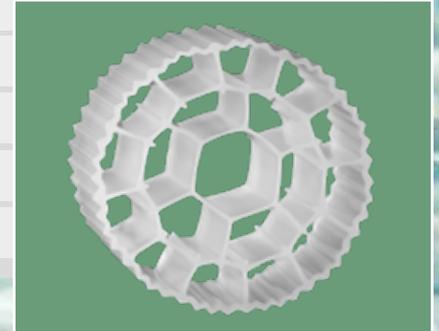
Biopipe+
500 m²/m³



Bioflo+
800 m²/m³

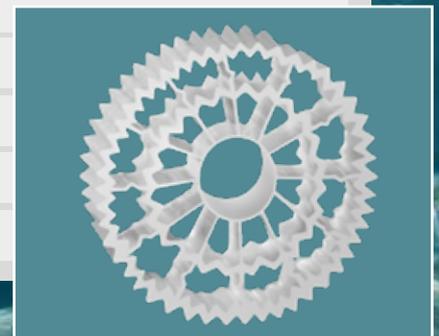
Biopipe+

Material	Virgin PP (Polypropylene)	Virgin HDPE (Polyethylene)
Specific Gravity	0.90 with a tolerance of ± 0.02	0.96 with a tolerance of ± 0.02
Weight (dry)	App 114kg / m ³	App 120kg / m ³
Dimensions	25 x 10 mm with a tolerance of ± 1.5 mm	
Protected Surface Area	App 500 m ² /m ³ $\pm 1\%$	
Voidage	83%	
Flow Direction	Non specific	
Pieces per m ³	App 132,500	



Bioflo+

Material	Virgin PP (Polypropylene)	Virgin HDPE (Polyethylene)
Specific Gravity	0.90 with a tolerance of ± 0.02	0.96 with a tolerance of ± 0.02
Weight (dry)	App 170 kg / m ³	App 180 kg / m ³
Dimensions	16.75mm ϕ x 5mm with a tolerance of ± 0.5 mm	
Total Surface Area	1036 m ² /m ³ $\pm 1\%$	
Protected Surface Area	800 m ² /m ³ $\pm 1\%$	
Voidage	63%	
Flow Direction	Non specific	
Pieces per m ³	App 570,000	



Shaping the next generation of wastewater treatment solutions



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