



TECHNICAL EXPERTISE
15+ Years Engineering Experience



GLOBAL SOURCING
Quality Products from Trusted Manufacturers



COMPETITIVE PRICING
Cost Effective Solutions for Better Performance



ENGINEERING SUPPORT
Selection, Sizing & Application Assistance



FAST DELIVERY
Timely Delivery Across GCC & Africa

STP & ETP BIOLOGICAL MEDIA

High Performance Media for Enhanced Biological Treatment Efficiency

- ✓ High Surface Area for Maximum Biofilm Growth
- ✓ Excellent Oxygen Transfer & Mixing
- ✓ Low Energy Consumption
- ✓ Long Service Life & Low Maintenance
- ✓ Chemical, UV & Corrosion Resistant
- ✓ Cost Effective & Reliable Performance



OUR PRODUCT RANGE

<p>1. MBBR MEDIA (VIRGIN HDPE)</p>  <ul style="list-style-type: none"> • Developed for high biofilm growth and stability • High specific surface area for better treatment • Excellent oxygen transfer & mixing • Low density for good suspension • UV, chemical & corrosion resistant • Long service life with low replacement cost 	<p>2. BIOCHIP MEDIA (HDPE)</p>  <ul style="list-style-type: none"> • Innovative biochip design for maximum surface area • Strong & durable for high mechanical strength • Promotes dense biofilm development • High void ratio for better flow distribution • Lightweight & easy to install • Ideal for high load & compact systems 	<p>3. SOFT MEDIA</p>  <ul style="list-style-type: none"> • High surface area with flexible structure • Excellent oxygen transfer efficiency • Low maintenance & easy handling • High biofilm retention and growth • Suitable for retrofitting & upgrade • Long service life 	<p>4. TUBULAR MEDIA</p>  <ul style="list-style-type: none"> • Large surface area for biofilm growth • High biofilm retention capability • Low head loss & high porosity • Energy efficient & durable • Chemical & corrosion resistant • Suitable for various ETP/STP systems 	<p>5. TRICKLING FILTER MEDIA</p>  <ul style="list-style-type: none"> • High void ratio structure • Strong & long lasting • Clog resistant & self cleaning • UV & chemical resistant • Excellent for trickling filter systems • Low maintenance 		
<p>6. CLARIFICATION MEDIA</p> <div style="display: flex;"> <div style="flex: 1;"> <p>TUBE SETTLER MEDIA</p>  <ul style="list-style-type: none"> • High settling efficiency • Increases capacity • Saves space • Easy to install & maintain </div> <div style="flex: 1;"> <p>LAMELLA MODULES</p>  <ul style="list-style-type: none"> • High solids removal • Corrosion resistant • Long service life • Low maintenance </div> </div>		<p>7. AERATION SYSTEMS & DIFFUSERS</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>FINE BUBBLE DISC DIFFUSER</p> <ul style="list-style-type: none"> • High oxygen transfer • Fine bubble • Energy saving • EPDM membrane </div> <div style="text-align: center;">  <p>FINE BUBBLE TUBE DIFFUSER</p> <ul style="list-style-type: none"> • Uniform bubble • High efficiency • Low pressure drop • Long membrane life </div> <div style="text-align: center;">  <p>COARSE BUBBLE DIFFUSER</p> <ul style="list-style-type: none"> • High air flow • Robust construction • Easy to install • Low maintenance </div> </div>			<p>8. ADDITIONAL MEDIA</p> <div style="display: flex;"> <div style="flex: 1;">  <p>BALL MEDIA</p> <ul style="list-style-type: none"> • High void ratio • Self cleaning • High biofilm growth • Low head loss </div> <div style="flex: 1;">  <p>BIO MEDIA</p> <ul style="list-style-type: none"> • High surface area • High porosity • High strength • Long service life </div> </div>	

KEY BENEFITS

- ✓ Enhanced Biological Treatment Efficiency
- ✓ High Surface Area for Maximum Biofilm Growth
- ✓ Improved Oxygen Transfer & Mixing
- ✓ Low Energy Consumption
- ✓ Corrosion & Chemical Resistant
- ✓ Long Service Life & Low Maintenance
- ✓ Cost Effective & Reliable Performance



IDEAL FOR APPLICATIONS



SEWAGE TREATMENT PLANTS



INDUSTRIAL WASTEWATER TREATMENT



EFFLUENT TREATMENT PLANTS



AQUACULTURE SYSTEMS



BIOLOGICAL UPGRADATION

ENGINEERING SUPPORT & SERVICES

- ✓ Selection of Right Media for Your Process
- ✓ Media Sizing & Loading Calculation
- ✓ Oxygen Transfer & Performance Analysis
- ✓ Retrofit & Upgradation Solutions
- ✓ On-site Technical Assistance
- ✓ After Sales Support



NEED HELP SELECTING THE RIGHT MEDIA?

Talk to our engineers for the best solution for your STP/ETP requirements.

CONTACT US TODAY!



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PROUDLY SUPPLYING TO GCC & AFRICAN MARKETS



OUR QUALITY COMMITMENT

We supply high quality products from reliable manufacturers with strict quality control.