

# MARINEPURE™

## HIGH PERFORMANCE BIOFILTER MEDIA

**Product Description:**

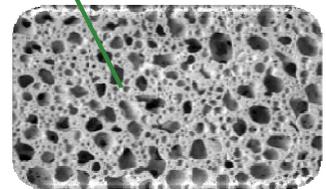
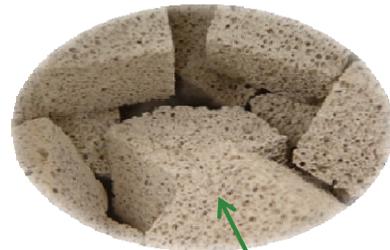
MarinePure™ bio-media is made from an ultra high surface area ceramic. The open and extensive network of interconnected pores and channels offers little resistance to water flow. This inorganic aluminosilicate product is light weight, robust and inert.

**Intended Use for Product:**

- MarinePure™ bio-media is designed to be a substrate for biofiltration.
- Suitable for both freshwater and saltwater environments.
- Designed specifically to target ammonia and nitrite removal and to minimize nitrates.

**Physical Properties:  
(Typical)**

Product Description	Surface Area per Piece	
	m <sup>2</sup>	ft <sup>2</sup>
1.50" Sphere	22	240
8x8x1" Plate	540	5,750
8x8x4" Block	2,150	23,000
Size C Cartridge	200	2,200
Size E Cartridge	270	2,900
MP2C	67	720



- Material bulk density: 0.3 - 0.5 g/cc
- Specific surface area: 1.3 - 1.7 m<sup>2</sup>/g

**Product Features:**

- The vast surface area supports a stable beneficial bacteria colony.
- The highly porous interconnected channels allow water to flow freely through the material, creating minimal backpressure.
- MarinePure's Thin Bio-Film Technology™ promotes better bacteria growth.
- MarinePure™ ceramic media is chemically inert, it will not introduce nuisance organisms or affect pH.
- MarinePure™ bio-media is effective for use fully submerged and in trickle/shower filters.
- MarinePure™ bio-media is hydrophilic, so long after a power outage occurs a trickle filter can maintain a living bacteria colony.
- MarinePure™ bio-media is unaffected by ozone.

**How to Prepare and Install:**

- Initial rinse of media with water to remove surface particulate.
- If tap water is used, perform second rinse with tank water to remove chlorine.
- After tank water rinse, locate media in sump, under gravel bed, as part of a reef structure or place directly in water flow of your filter

**Product Maintenance:**

**For Flow Thru Applications:**

Periodic backwashing or rinsing using tank water suggested every 3 months or as frequently as necessary.

**For Passive Applications:**

Although in most systems the product is self-cleaning, applications and use vary. If necessary, backwash and/or rinse as described above.