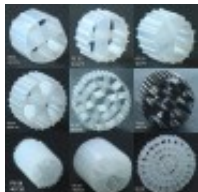
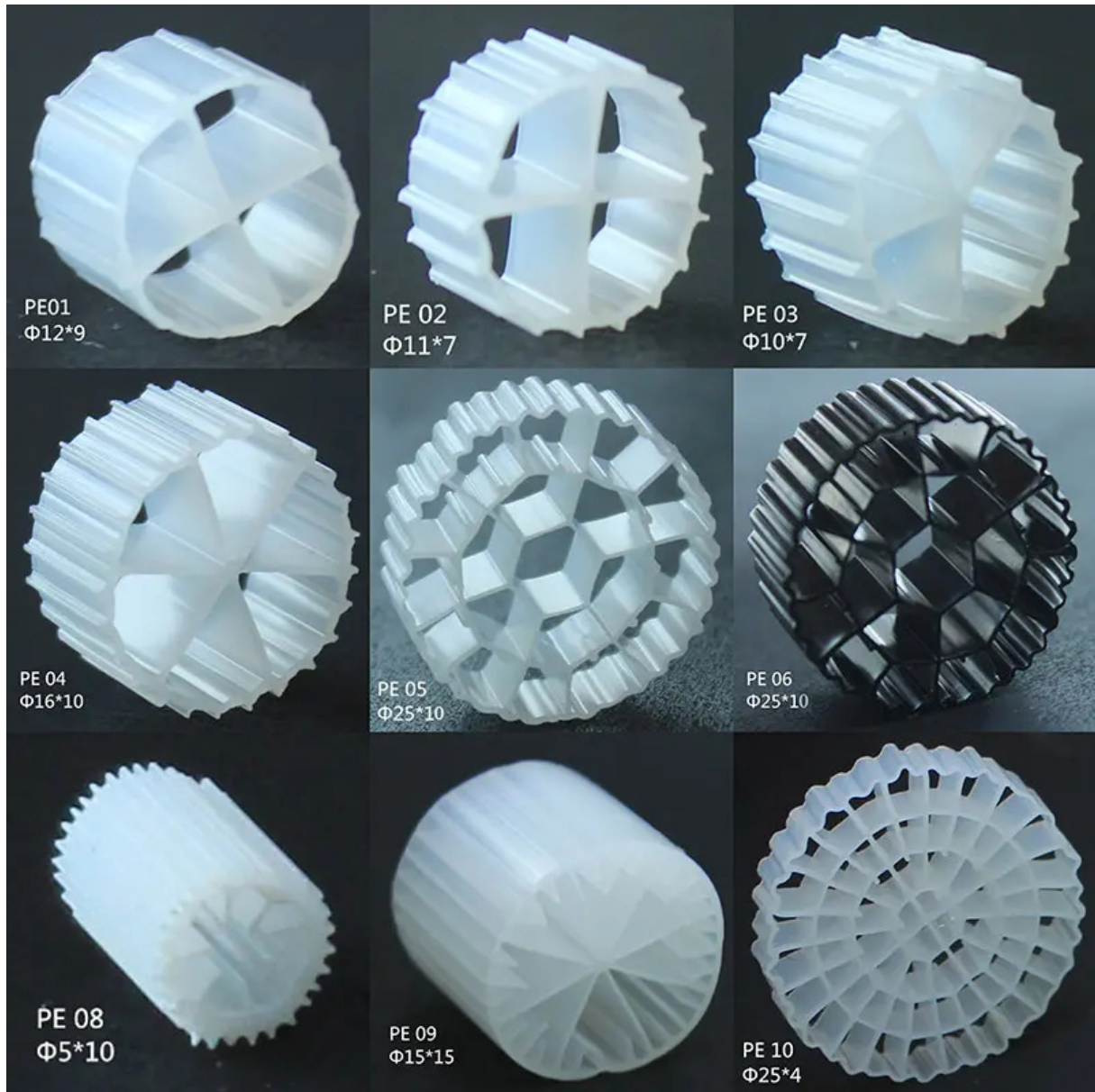




## Bio Filtermedium P03



Übersicht



Helix / Bio-Filter Medium P03 per Liter (ca. 850 Pices)

~~Price per Liter 5,50 €~~

Sales price without tax 5,50 €

Tax amount

[Ask a question about this product](#)

Manufacturer [Borgmann Aquaponik Hydroponik](#)

**Bio-Filter Medium P03, Price per Liter (appr. 850 Pieces)**

Dimensions: approx. 10 x 7 mm

Number of holes: 5

Protected surface: approx. 1'000 m<sup>2</sup>/m<sup>3</sup>

Density: 0.96-0.98 g/cm<sup>3</sup>

Pieces/m<sup>3</sup>: > 850'000

Porosity: >85

Dosing ratio: 15-70%

Membrane formation: approx. 3 to 15 days

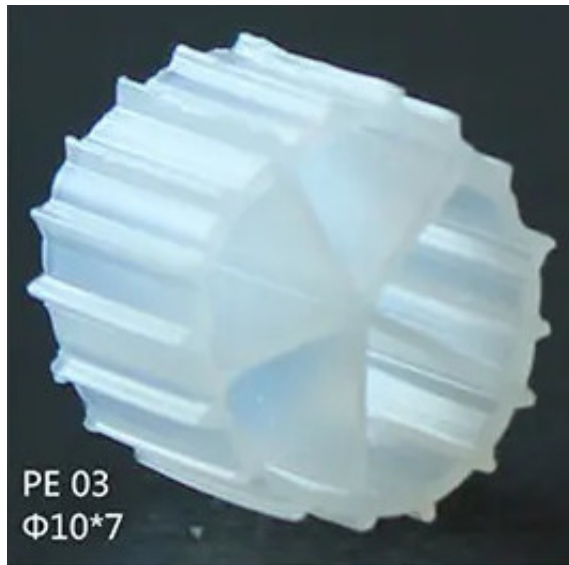
Nitrification efficiency / day: 400-1'200 g NH<sub>4</sub>-N/m<sup>3</sup>

BOD<sub>5</sub>/BOD<sub>5</sub> oxidation / day: 2,000-10,000 g BOD<sub>5</sub>/m<sup>3</sup>

COD/CSB oxidation / day: 2,000-15,000 g COD/m<sup>3</sup>

Temperature working range: 5 to 60 °C

Lifespan: > 15 years



**Here is more data on alternative products:**

Model	PE01	PE02	PE03	PE04	PE05	PE06	PE08	PE09	PE10
Dimension mm	12*9	11*7	10*7	16*10	25*10	25*10	5*10	15*15	25*4
s: approx.									
Number of Löcher holes	4	4	5	6	19	19	8	40	64
Protected surface m <sup>2</sup> /m <sup>3</sup>	>800	>900	>1000	>800	>500	>500	>3500	>900	>1200
Density g/cm <sup>3</sup>	0.96-0.98	0.96-0.98	0.96-0.98	0.96-0.98	0.96-0.98	1.02-1.05	1.02-1.05	0.96-0.98	0.96-0.98
Pieces pieces/m <sup>3</sup>	>630000	>830000	>850000	>260000	>97000	>97000	>2000000	>230000	>210000
Porosity %	>85	>85	>85	>85	>90	>90	>80	>85	>85
Dosing ratio %	15-67	15-68	15-70	15-67	15-65	15-65	15-70	15-65	15-65
Membrane Tage formation	3-15	3-15	3-15	3-15	3-15	3-15	3-15	3-15	3-15
Nitrification g efficiency / NH <sub>4</sub> -N/m <sup>3</sup> day	400-1200	400-1200	400-1200	400-1200	400-1200	400-1200	500-1400	500-1400	500-1400
BOD <sub>5</sub> /BO D5 g BOD <sub>5</sub> /m <sup>3</sup>	2000-10000	2000-10000	2000-10000	2000-10000	2000-10000	2000-10000	2500-15000	2500-15000	2500-20000
	0	0	0	0	0	0	0	0	0



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oxidation / day										
COD/CSB g COD/m <sup>3</sup>	2000-1500	2000-1500	2000-1500	2000-1500	2000-1500	2000-1500	2500-2000	2500-2000	2500-2000	
oxidation / day	0	0	0	0	0	0	0	0	0	
Temperature range	5-60	5-60	5-60	5-60	5-60	5-60	5-60	5-60	5-60	
Lifespan Years	>15	>15	>15	>15	>15	>15	>15	>15	>15	

Units in box: ca. 850