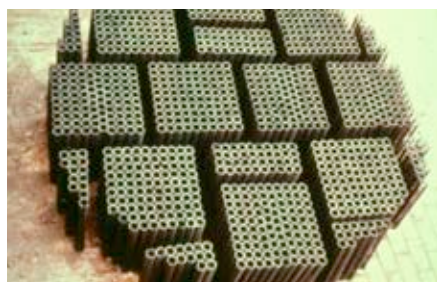




BIO-NET®, designed for use in biological wastewater treatment systems, consists of block units made of UV-resistant polyethylene (PE-HD). Each block consists of grid tubes welded together in a lattice. The inside of each tube has vertical fins.



Applications:

- Submerged fixed-bed systems
- Trickling filters
- Rotating biological contactor systems
- Mass transfer processes
- Exhaust air purification

Advantages:

- Completely three-dimensional flow
- Vertical structure allowing optimal removal of sludge
- Optimal oxygen supply
- Low hydraulic pressure loss
- Heavier and lighter versions available depending on the static load.



Technische Daten:	BIO-NET® 100	BIO-NET® 150	BIO-NET® 200	BIO-NET® 250
Specific surface	100 m ² /m ³	150 m ² /m ³	200 m ² /m ³	250 m ² /m ³
Applications	Preliminary purification	Complete purification	Nitrification	Nitrification
Cavity percentage	97 %	96 %	95 %	92 %
Weight	32 kg/m ³	40 kg/m ³	49 kg/m ³	79 kg/m ³

Standard block sizes (L x W x H) in mm: 500 x 500 x 600 and 500 x 500 x 900; sizes according to customer requirements and application are possible.