



# CLEAN-PAC

## RANDOM BIOMASS SUPPORT MEDIA

**CLEAN-PAC** carrier material serve as a proven bio-medium for biological water purification and treatment.

The media is made of environment-friendly and recyclable polyethylene which is blackened to protect against ultraviolet radiation.

The grid structure produced by extrusion process ensures an optimum utilization of the entire surface area for all applications. CLEAN-PAC media is supplied in loose form (bulk material).

### Main applications:

- Biofilm carrier for the biological treatment of municipal and industrial wastewater
- Nitrification and degassing of water in landbased aquaculture systems
- Water treatment for ornamental fish farming

### Further possible applications:

- Gas scrubbing
- Exhaust air and gas purification
- Gas cooling

Technical data	CLEAN-PAC 195	CLEAN-PAC 322	CLEAN-PAC 420	CLEAN-PAC 492	CLEAN-PAC 767	CLEAN-PAC 955
Geometries						
Specific surface	195 m <sup>2</sup> /m <sup>3</sup>	322 m <sup>2</sup> /m <sup>3</sup>	420 m <sup>2</sup> /m <sup>3</sup>	492 m <sup>2</sup> /m <sup>3</sup>	767 m <sup>2</sup> /m <sup>3</sup>	955 m <sup>2</sup> /m <sup>3</sup>
Protected surface	149 m <sup>2</sup> /m <sup>3</sup>	268 m <sup>2</sup> /m <sup>3</sup>	342 m <sup>2</sup> /m <sup>3</sup>	387 m <sup>2</sup> /m <sup>3</sup>	644 m <sup>2</sup> /m <sup>3</sup>	806 m <sup>2</sup> /m <sup>3</sup>
Weight	50 kg/m <sup>3</sup>	80 kg/m <sup>3</sup>	90 kg/m <sup>3</sup>	115 kg/m <sup>3</sup>	151 kg/m <sup>3</sup>	160kg/m <sup>3</sup>
Quantity	13,000 pcs/m <sup>3</sup>	18,250 pcs/m <sup>3</sup>	56,000 pcs/m <sup>3</sup>	138,000 pcs/m <sup>3</sup>	297,000 pcs/m <sup>3</sup>	391,000 pcs/m <sup>3</sup>
Diameter	38 mm	36 mm	25 mm	18 mm	14 mm	13 mm
Length	38 mm	36 mm	25 mm	18 mm	14 mm	12 mm
Packaging units	Loose media in PE bags, for order volumes → 9 m <sup>3</sup> loose media in big bags (= 3 m <sup>3</sup> /bag)					



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Subject to technical changes. The particulars in this publication reflect our current state of the art, and are intended to provide information on our products and their possible applications. This means they are not to be construed as warranting any particular characteristics of the products or their suitability for a specific purpose. Please request our technical consultancy.