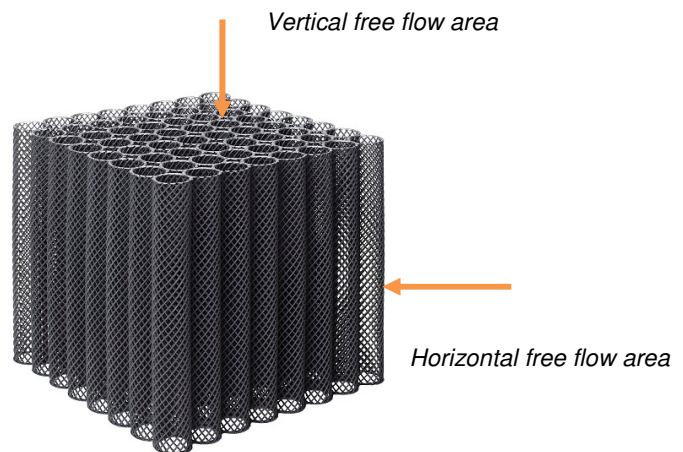




# Technical Specifications

## BIO-BLOK<sup>®</sup> 100

<b>Product:</b>	Type BIO-BLOK <sup>®</sup> 100 (100m <sup>2</sup> /m <sup>3</sup> ). Produced by EXPO-NET Danmark A/S.
<b>Raw material:</b>	Polyethylene – a 100% recyclable material.
<b>Filter form:</b>	8 x 8 (64) net tubes welded together. Top and bottom forming a filter in a cubical form.
<b>Standard dimensions:</b>	* 54 x 54 x 55cm.  The BIO-BLOK <sup>®</sup> units are available in heights (length of block tubes) from * 40 to * 120cm.
<b>Specific surface:</b>	100m <sup>2</sup> /m <sup>3</sup> in dry condition. Depending on the thickness of the biofilm, the specific biologically active surface ranges from 100m <sup>2</sup> /m <sup>3</sup> to * 366m <sup>2</sup> /m <sup>3</sup> .
<b>Horizontal free flow area:</b>	* 22%
<b>Vertical free flow area:</b>	* 70%
<b>Void percentage:</b>	* 90%
<b>Net weight:</b>	* 46kg/m <sup>3</sup>
<b>Uplift pressure without biofilm coating:</b>	* 62kg/m <sup>3</sup>
<b>Density:</b>	* 0.55g/cm <sup>3</sup>
<b>Maximum vertical, evenly distributed load:</b>	* 2,000kg/m <sup>2</sup> (please ask our technical department).
<b>Working weight:</b>	Will vary depending on the working form of the wastewater treatment plant, organic decomposition or nitrification.
<b>Maximum temperature:</b>	80° C.
<b>Average diameter of the vertical passages is:</b>	* Inner diameter Ø 60mm, * outer diameter Ø 67.5mm



\* Due to the natural characteristics of extruded products, all measurements are approximate.

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