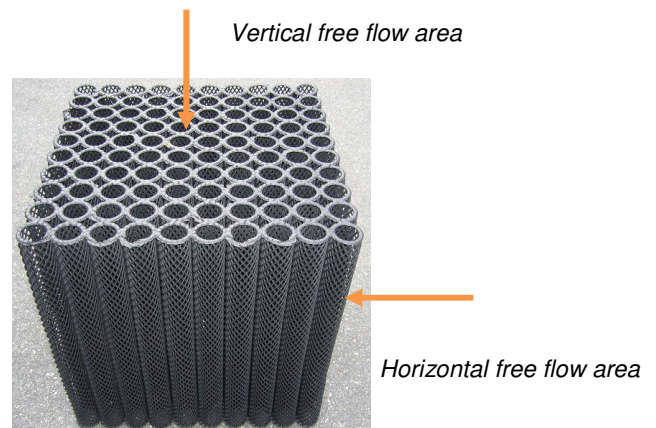




# Technical Specifications

## BIO-BLOK<sup>®</sup> 150

|  |  |
|--|--|
| <b>Product:</b>                                      | Type BIO-BLOK <sup>®</sup> 150 (150m <sup>2</sup> /m <sup>3</sup> ).<br>Produced by EXPO-NET Danmark A/S.  |
| <b>Raw material:</b>                                 | Polyethylene – a 100% recyclable material.   |
| <b>Filter form:</b>                                  | 10 x 10 (100) net tubes welded together. Top and bottom forming a filter in a cubical form.  |
| <b>Standard dimensions:</b>                          | * 55 x 55 x 55cm.<br><br>The BIO-BLOK <sup>®</sup> units are available in heights (length of block tubes) from * 40 to * 120cm.  |
| <b>Specific surface:</b>                             | 150m <sup>2</sup> /m <sup>3</sup> in dry condition. Depending on the thickness of the biofilm, the specific biologically active surface ranges from * 150m <sup>2</sup> /m <sup>3</sup> to * 507m <sup>2</sup> /m <sup>3</sup> . |
| <b>Horizontal free flow area:</b>                    | * 19%  |
| <b>Vertical free flow area:</b>                      | * 64%  |
| <b>Void percentage:</b>                              | * 88%  |
| <b>Net weight:</b>                                   | * 60kg/m <sup>3</sup>  |
| <b>Uplift pressure without biofilm coating:</b>      | * 69kg/m <sup>3</sup>  |
| <b>Density:</b>                                      | * 0.55g/cm <sup>3</sup>  |
| <b>Maximum vertical, evenly distributed load:</b>    | * 4,000kg/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 45mm, * outer diameter Ø 55mm   |



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

03-06-2020

