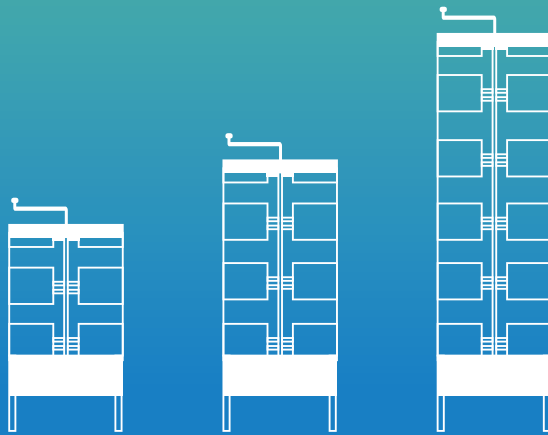


MYTEX MBR Modules



CUSTOM-MADE



MODULAR











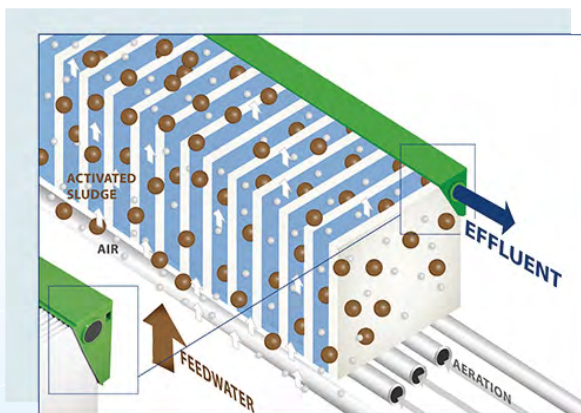
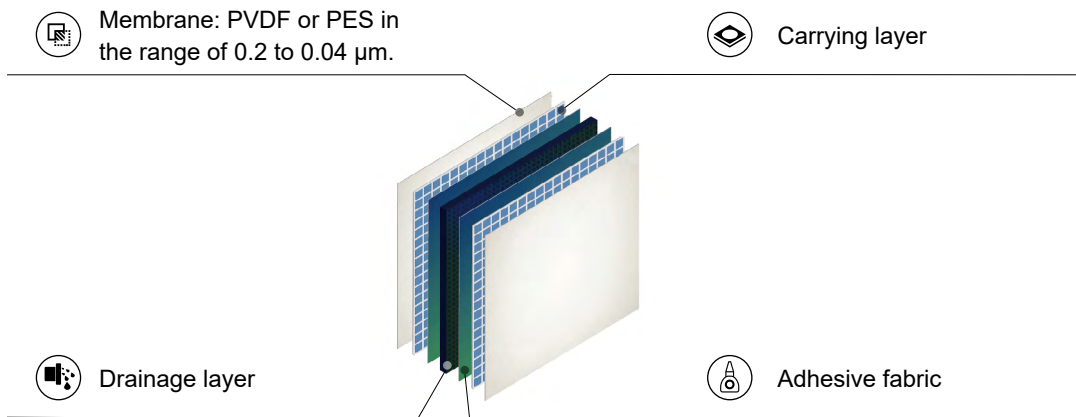
SAFEGUARD
TECHNOLOGY



EASE OF SERVICE

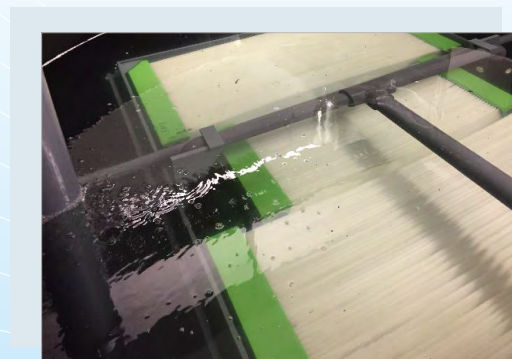
ADVANTAGES

 <p>High effluent quality</p>	 <p>High packing density</p>	 <p>Robust design (No guide rail required.)</p>	 <p>Modular design (Can be adapted to the existing space.)</p>
 <p>Optimized oxygen transfer (Fine bubble aeration)</p>	 <p>Smart design (Not susceptible to braiding or slugging.)</p>	 <p>Low pretreatment requirements.</p>	 <p>Improved process stability</p>

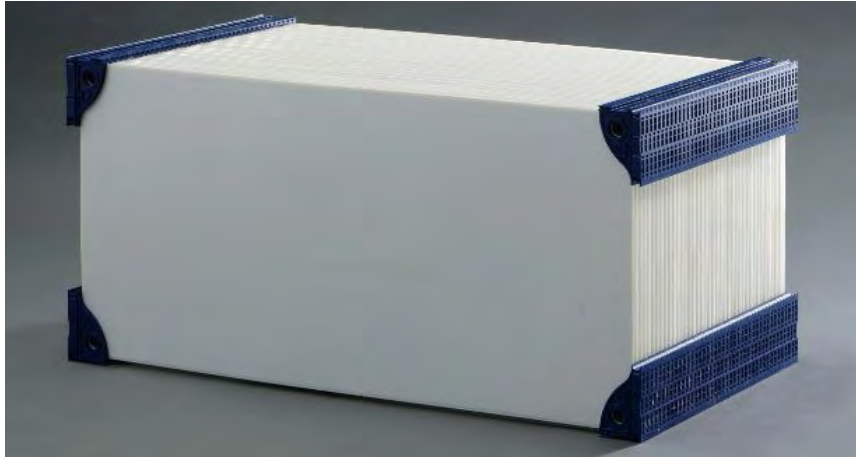


In the last decade Membrane-Bio-Reactors (MBR) have become a State of the Art technology in wastewater treatment. The application of submerged MBR membranes increase the effluent quality and the efficiency of a waste water treatment plant within the activated sludge treatment.

UNISOL MYTEX Membrane Modules combine the flat sheet technology with a unique design concept - stackable membrane modules. Membrane sheets are glued into self-supporting membrane blocks. These fully automatically produced membrane blocks are arranged side by side and stacked on top of each other in a module, allowing for a high flexibility in size for the MYTEX module.



UNISOL MYTEX BLOCKS



The modular concept of the MYTEX.BLOCKS allows for an easy installation of the complete module with a lifting gear or the assembly of the module on site in case space is a restriction. The stackable MYTEX.BLOCKS are perfectly suitable for a simple expansion or the complete module replacement in an existing plant. Customer-specific sizes are available on request.

MYT.U1L MEMBRANE MODULES AND OPERATING DATA

Parameters	Specification
Max.TMP during filtration	800mbar
Max. TMP during backwash	300mbar
Operating/Cleaning temperature	< 50°C
pH range for chemical cleaning	2-11
Recommended MLSS for continuous operation (g/L)	≤15

Module	Membrane area (m ²)	Dimensions (mm) Length*Width*Height	Typical design air flow rate
MYT.U1L1-52	52	1426*757*1203	47 Nm ³ /h
MYT.U1L2-104	104	1426*757*1724	47 Nm ³ /h
MYT.U1L3-156	156	1426*757*2253	47 Nm ³ /h
MYT.U1L4-208	208	1426*757*2778	47 Nm ³ /h
MYT.U1L3-312	312	1543*1295*2344	96 Nm ³ /h
MYT.U1L4-416	416	1543*1295*3016	96 Nm ³ /h
MYT.U1L5-520	520	1543*1295*3543	96 Nm ³ /h
MYT.U1L6-624	624	1543*1295*4068	96 Nm ³ /h



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