

Envicon EMR Membrane Tube Diffusers

Polyurethane AeroPur



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Plasticiser free.

A plasticiser-free, extra-strong polyurethane product for the highest mechanical demands. Made and perforated in Germany. The membrane is exceptionally tear and abrasion-resistant, resistant to microbes and hydrolysis and has very good resistance to oil, petrol and chemicals.

The membrane is fastened to the support tube using stainless steel clamps. The membranes fitted over the clamps provide protection during storage, transport and installation.

ENVICON EMR membrane tube diffusers are quality products manufactured in Germany. Sophisticated membrane mixtures, a modern production process, together with optimised fine-bubble perforation guarantee a high-quality product throughout their service life and durable, cost-effective operation of aeration systems.



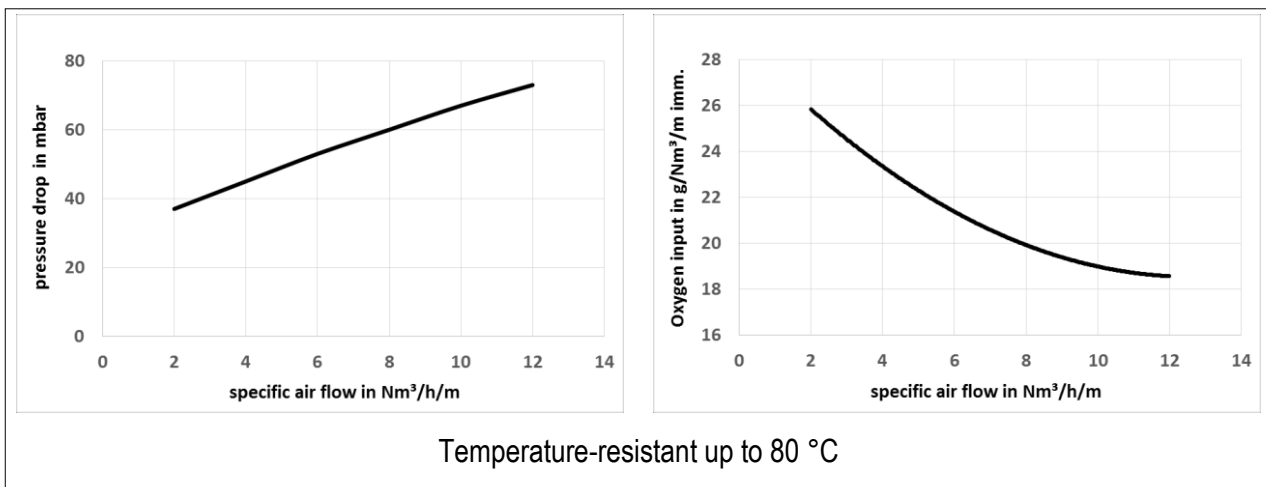
ENVICON tube diffusers are available with various membrane materials and in different lengths. The support tube has been optimised for low pressure loss and is very robust. This resilient design permits operation even in very powerful flows.

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Technical Data

Technical data of EMR Polyurethane AeroPur, measured according to worksheet ATV M209 under standard conditions (pure water, water depth = 4.0 m, averaged over a density of 0.8 - 1.2 m diff./m²):



Operating Range (Nm ³ /h x meter diffuser length):		
Minimum (recommendation)	2	Permanent
Standard	4-8	Permanent
Maximum (specification)	15	Permanent
Maximum (specification)	20	Brief e.g. for flushing cycles

Polyurethane AeroPur Fine Bubble Diffusers				
Description	Effective Diffuser Length	Total Length	Maximum Operating Depth	Mantec Part Number
EMR 500 AeroPur	500 mm	545 mm	7.0 m	FGEMR0500AP
EMR 750 AeroPur	750 mm	825 mm	6.5 m	FGEMR0750AP
EMR 1000 AeroPur	1000 mm	1075 mm	6.0 m	FGEMR1000AP
EBA1	Fixing Adaptor (Single) for square or round pipe. See separate data sheet.			On request.
EBA2	Fixing Adaptor (for installation in pairs) for square or round pipe. See separate data sheet.			On request.