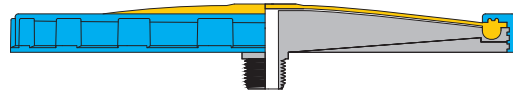


# PRO<sub>2</sub>AIR Membrane disc diffusers



- Membrane
- Threaded ring
- Supporting body

- Low pressure loss
- longer durability
- lower costs

## Applications

PRO<sub>2</sub>AIR Membrane disc diffusers - quality products from the NORRES stable - are mainly used for fine-bubble, compressed air aeration. Please ask NORRES for advice before using it in industrial wastewater.

- Oxygenation in the aeration tank to facilitate selective nitrification
- Continuous or intermittent aeration
- Mixing of aeration tanks (municipal and industrial)

- Aeration of collecting and intermediate storage tanks
- Restoration (aeration) of rivers and lakes
- Aquaculture (fish farming)

## Properties

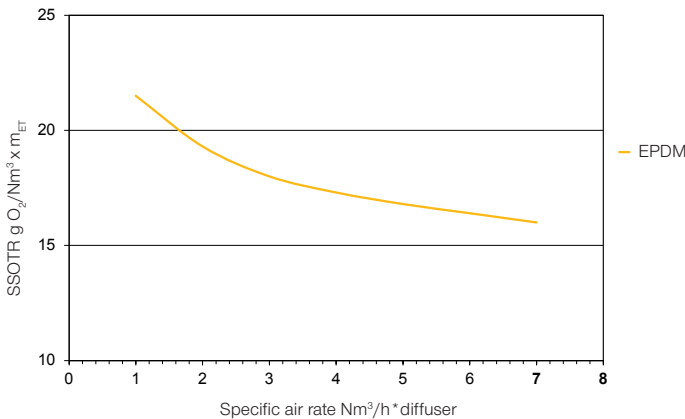
- Very good resistance to municipal wastewater according to the latest version of the DWA-M 115 Advisory Leaflet
- High oxygen transfer efficiency (OP)
- Low pressure loss

- Excellent value for money
- Extremely durable – long service life
- Quickly and easily fitted
- Optimised slit perforation

## Membrane material

- EPDM

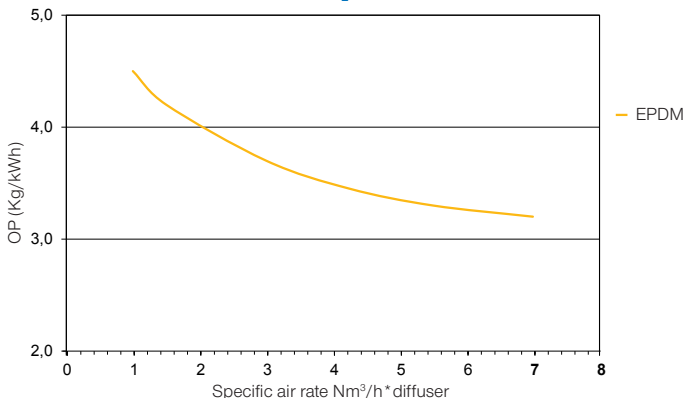
Oxygen transfer PRO<sub>2</sub>AIR EPDM



Oxygen supply capacity/ yield refer to full floor aeration with an arrangement density of 12% and a blow-in depth of 3.70 m. Measured in clean water according to DWA-M 209.

The efficiency and reliability of NORRES membrane tube diffuser can be increased by optimising and adapting the operating parameters. The permanent elasticity of the membrane has a crucial influence on the uniformity of the opening characteristic of the slit perforation over the full operating range. This in turn ensures a largely constant performance of the fine-bubble, compressed air aeration system.

Oxygen yield PRO<sub>2</sub>AIR EPDM



Operating range of PRO<sub>2</sub>AIR membrane disc diffusers

	Minimum Nm <sup>3</sup> /(h * p <sub>aer.</sub> )	Normal Nm <sup>3</sup> /(h * p <sub>aer.</sub> )	Maximum Nm <sup>3</sup> /(h * p <sub>aer.</sub> )	Purging* Nm <sup>3</sup> /(h * p <sub>aer.</sub> )
EPDM	1.0	2.7 - 7.0	10.0	12.0

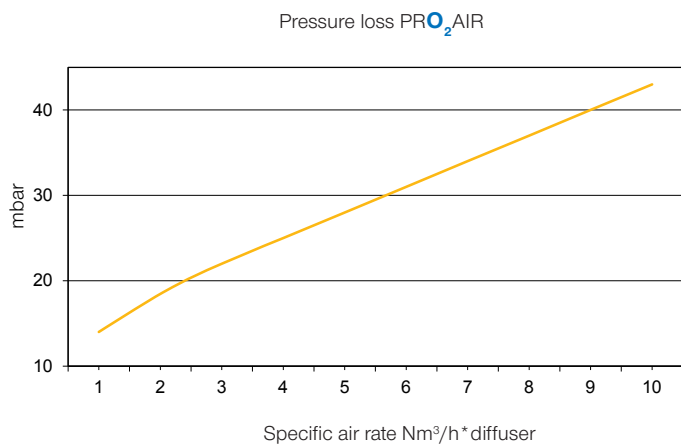
\* = please refer to the fitting, operating and maintenance instructions for the recommended purge intervals

# PRO<sub>2</sub>AIR Membrane disc diffusers

## PRO<sub>2</sub>AIR Membrane disc diffusers

Diameter mm	Membrane surface m <sup>2</sup>	Connection AG	Supporting body	Operating range Nm <sup>3</sup> /h	Weight kg	Order No.
320	0.062	3/4"	ABS GV*	2.0 - 12.0	0.85	640-0320-2700

\* = fibre-glass reinforced



Other technical data on [www.norres-aeration.com](http://www.norres-aeration.com). Data subject to change without notice. All values indicated here are approximate figures.