PRO$_2$AIR® Pre-PUR 601

Membrane tube diffuser

Applications
- membrane tube diffusor, for industrial and municipal wastewater treatment plant, pressure diffusion with fine bubbles, oxygen input for nitrication in activation basins, permanent and intermittend ventilation
- oxygen input and circulation in xed-bed and bioreactors, thorough mixing of activation basins, sand trap louvre ventilation, renaturation of lakes and rivers, aquacultures, sh farming

Properties
- high energy savings when compared with comparative, market standard EPDM and silicone diffusors due to the much lower pressure loss
- extremely long lifetime and no curing due to the membrane not including a plasticizer
- very wide operating range: normal operation: 3-8, minimum 1, maximum 15 and purging operation 18 Nm^3/(h*m_{aer.})
- comparatively high oxygen input and oxygen oxygen transfer efficiency even with low density systems
- very fine and uniform bubble formation due to an optimized perforation
- easily and quickly fitted
- extremely tear-resistant and abrasion-resistant (mechanical strength around 2.5-4 times that of most of the EPDM and silicone materials)
- very good resistance to waste water and municipal sewerage in accordance with the latest instructions DWA-M 115
- microbe and hydrolysis resistant
- good resistance to oil, gasoline, and chemicals
- conforms to RoHS guideline

Temperature range
- -40 °F to 195 °F

Design
- wall: special premium polyurethane (Pre-PUR®)
- wall thickness 0.025 in approx.
- Support body: polypropylene
- Clamps: stainless steel 1.4301/AISI 304/W2/INOX

Delivery variants
- further diameters and lengths available on request
- transparent (standard)
- special colors: full colored
- customer-specific branding

Size (in)	I.D. (in / mm)	Inner thread (inch)	Length (in)	Ventilation length (in)	Weight (lb/pcs)	Order No.
Dimension in Stock; Clamps: stainless steel (INOX) 1.4301 (stamped) = AISI 304						
2.480	64,5	3/4	22.441	19.685	1.544	601-0570-2702
2.480	64,5	3/4	32.283	29.528	2.205	601-0820-2702
2.480	64,5	3/4	42.126	39.370	2.867	601-1070-2702
further production lengths; Clamps: stainless steel (INOX) 1.4301 (stamped) = AISI 304						
2.480	64,5	1	22.441	19.685	1.544	601-0570-2712
2.480	64,5	1	32.283	29.528	2.205	601-0820-2712
2.480	64,5	1	42.126	39.370	2.867	601-1070-2712
further production lengths; Clamps: stainless steel (INOX) 1.4571 (stamped) = AISI 316Ti						
2.480	64,5	3/4	22.441	19.685	1.544	601-0570-2722
2.480	64,5	1	22.441	19.685	1.544	601-0570-2742
2.480	64,5	3/4	32.283	29.528	2.205	601-0820-2722

Positive and negative pressure ratings are the recommended maximum operating values. Products can be manufactured to meet higher operating values upon request. The bend radius is calculated from the center of the hose in an arched position. Additional information at www.norres.com/us/technology/. NORRES reserves the right to modify technical data at any time. Technical data based on tests at 68 °F and are approx. values. Proper use and maintenance of NORRES hoses is the sole responsibility of purchaser and ultimate user of the product. The individual conditions, applications and the number of variables make firm recommendations technically impossible. This information is intended as a general guide only.

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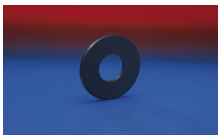
Accessories



CONNECT 683

CONNECT 684

CONNECT 685

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