



Membrane tube diffuser longer lengths for mounting without support body

Applications

- membrane tube diffuser, for industrial and municipal wastewater treatment plant, pressure diffusion with fine bubbles, oxygen input for nitrification in activation basins, permanent and intermittent 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 diffusers 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 Nm³/(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
- 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 0.0275 in approx.

Delivery variants

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

Size	I.D.	Length	Weight	Order No.
(in)	(mm)	(ft)	(lb/pcs)	
2.480	2.539	6.562	0.794	622-0020-2702
2.480	2.539	16.405	1.985	622-0050-2702
2.480	2.539	32.810	3.969	622-0100-2702
2.480	2.539	65.620	7.938	622-0200-2702
2.480	2.539	82.025	9.923	622-0250-2702
2.480	2.539	98.430	11.907	622-0300-2702
2.480	2.539	131.240	15.656	622-0400-2702
2.480	2.539	164.050	19.845	622-0500-2702