

aquaflex...



ATD63-1000

FINE BUBBLE

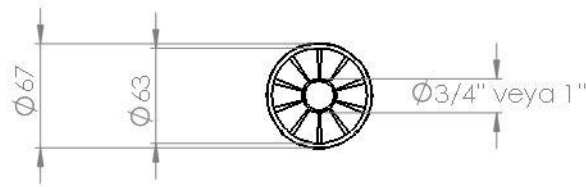
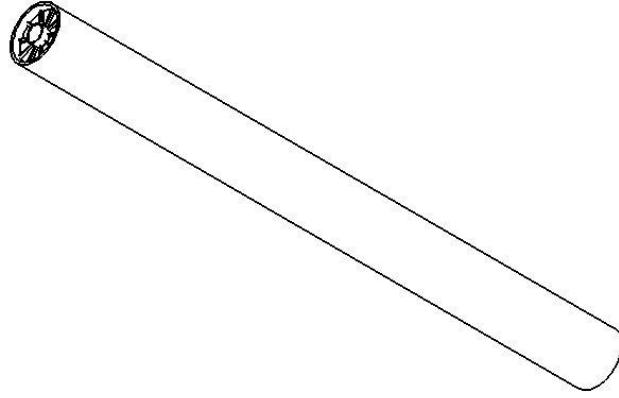
TUBE DIFFUSER

TECHNICAL DATA SHEET

Üçbeyler Altyapı Arıtma A.Ş.
Adr: Üçevler Mh. 27. Sk. No:36/1
Nilüfer / BURSA / TURKEY
Tel: +90 224 441 12 08 - 09
Fax: +90 224 441 10 15
e-mail: export@aquaflex.com.tr



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aquaflex tube diffusers are best solution for long and narrow aeration tanks. Opportunity to choose different material, connection thread, and size makes **aquaflex** tube diffusers fit to any type of waste water. With length from 300 mm to 1350 mm aquaflex tube diffusers can be great solution for small private pools or big municipal or industrial waste water treatment plants.

Type	Total Dia (mm)	Length Effective/Total (mm)	Perforated Area (m ²)	Capacity (m ³ /h)	Material of Membrane	Total Weight (kg)	Outlet
ATD63-1000 Tube Diffuser	65	1000/1060	0,20	2-12	EPDM&Silicon	1,37	1" Male or 30 mm Male

Technical Specifications

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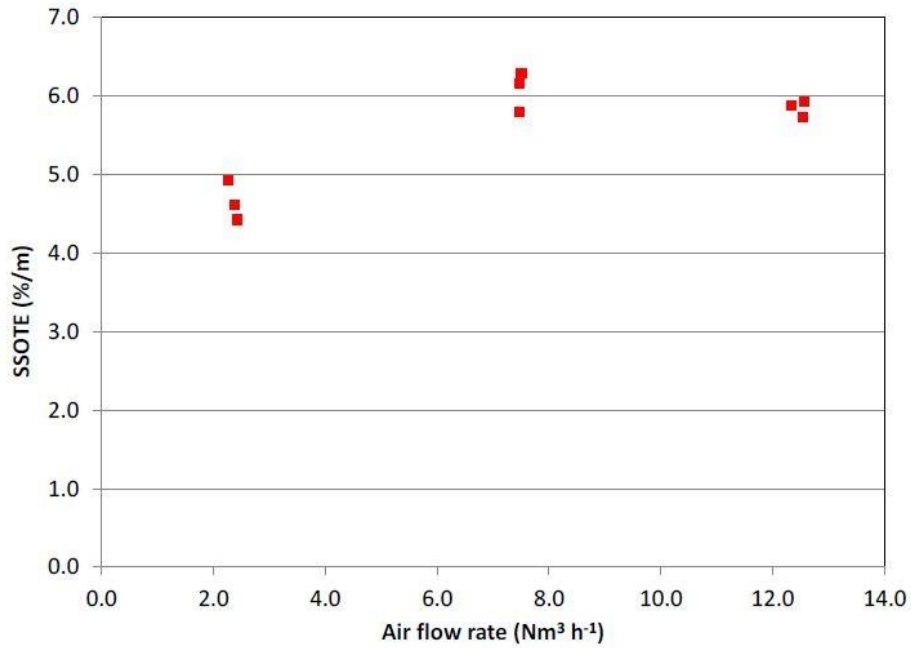
- **aquaflex** offers tailor-made services for production of tube diffusers, letting customer chose among six different sizes, EPDM, TPU, or Silicon membrane, ¾" or 1", male or female connection.
- Polypropylene (PP) body and outlet on which membrane is fixed with quality AISI304 or AISI 316 stainless steel clamps.
- **aquaflex** membrane has conically designed pores to have best oxygen transfer with bubbles of an average diameter <3 mm.
- PP tube diffuser body has strategically placed air inlet which is closed by membrane at any airflow cut off and clogging is eliminated to minimum.
- High oxygen transfer efficiency even with low air capacity.

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Oxygen Transfer Information



Specific standard oxygen transfer efficiency against air flow rate (Aquaflex tube diffuser ATD63-1000 - 5.8 m of submergence)

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