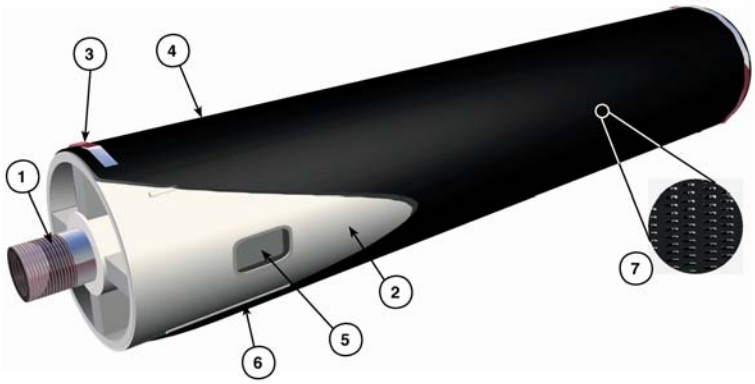
Fine Bubble Membrane Tube Diffuser

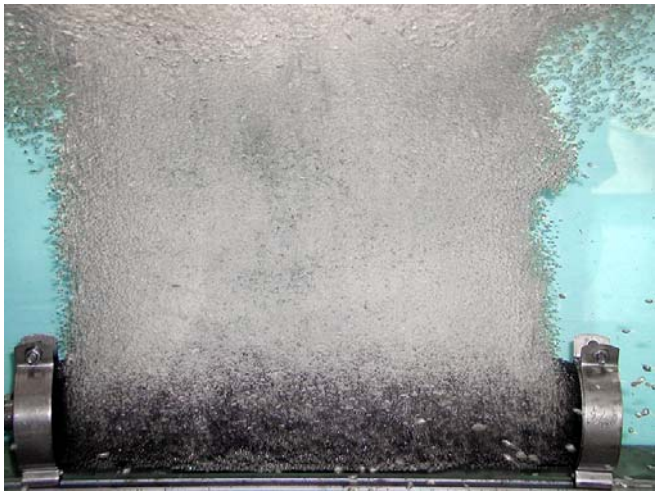
Flexible membrane tube diffusers are constructed with premium quality EPDM membranes engineered for superior product life, operational flexibility and maximum oxygen transfer efficiency. The units offer maximum performance at minimum cost and require minimum maintenance.

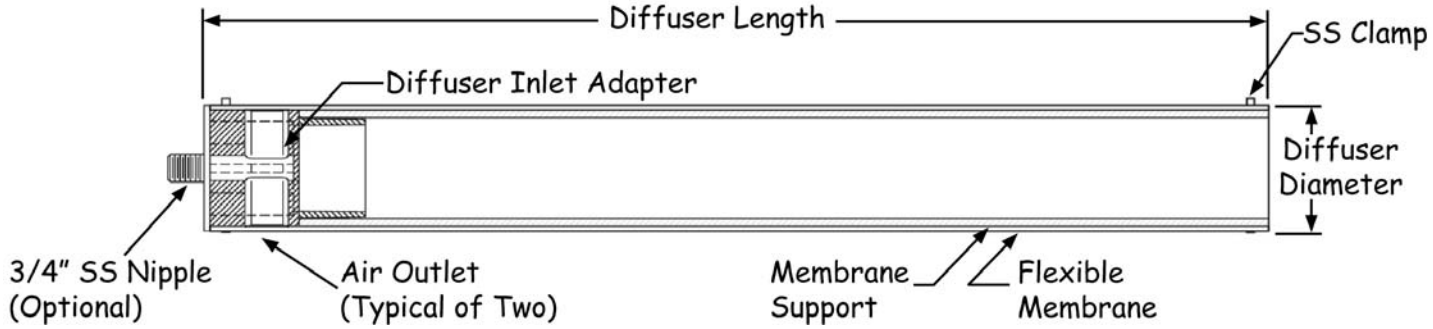


① **Optional 3/4 inch SS NPT (male) inlet nipple**
② **PVC diffuser body**
③ **SS membrane clamps**
④ **Premium quality EPDM or Urethane membrane**
⑤ **Air inlet module to membrane**
⑥ **Clamp locator**
⑦ **Membrane perforations**

Feature & Benefits

- High efficiency units incorporate as many as 40,000 openings per unit
- Multiple perforation options available
- High SOTE, lower energy
- Economical capital cost
- Rugged heavy duty construction
- EPDM, urethane, silicone, or specialty polymer membranes available
- Triple check valve to prevent entry of liquid/solids into piping
- Minimum maintenance
- Upgrade coarse bubble units
- Non buoyant design
- Ease of installation
- Low operating pressure (DWP)
- 3/4 inch stainless steel NPT (male) inlet nipple or special inlets are also available
- Special systems available





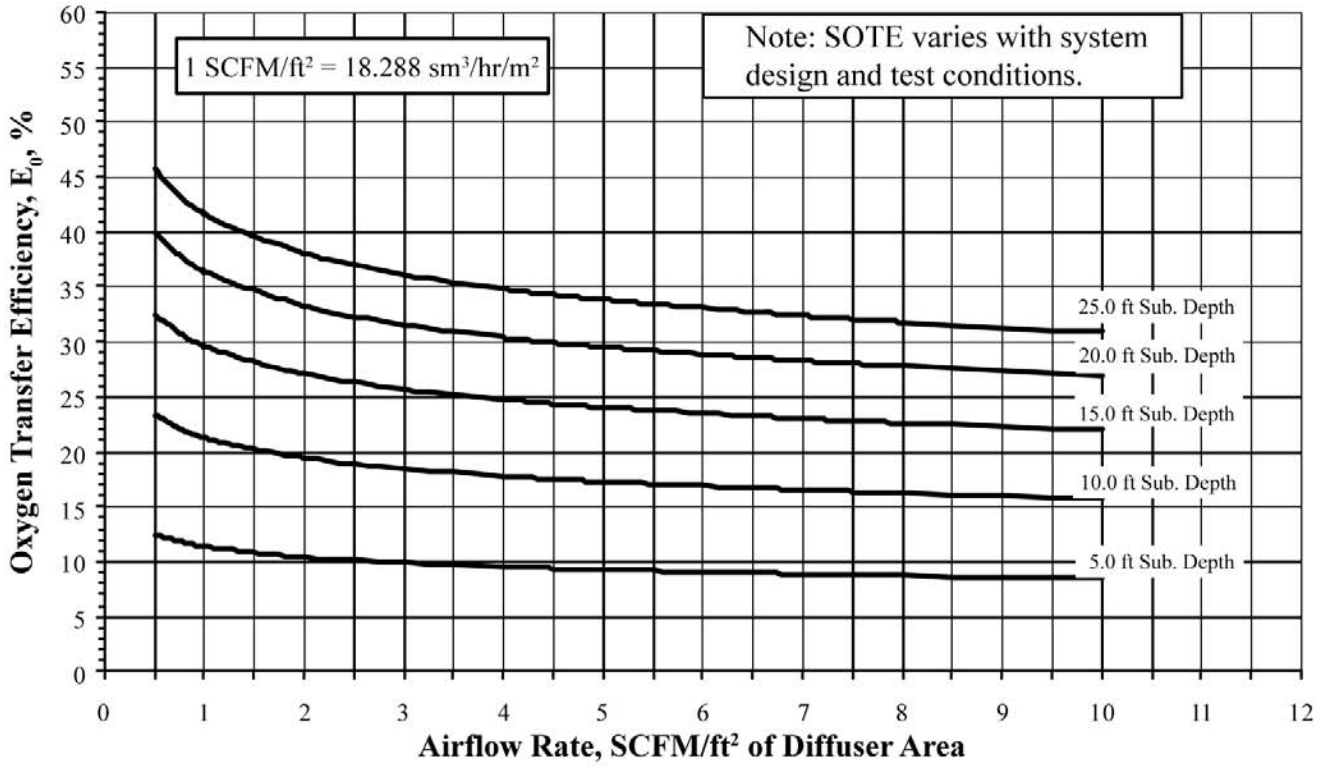
Model	Peak Airflow		Design Airflow		Design DWP		Active Surface Area		Diffuser Dimensions		Dry Weight	
	scfm	m^3/hr	scfm	m^3/hr	in H_2O	cm H_2O	ft^2	m^2	inch (D x L)	mm (D x L)	lbs	kg
TUBE-610	14	24	2 - 8	3 - 14	8 - 16	20 - 40	1.0	9.3	2.6 x 24	62 x 610	2.4	1.07
TUBE-760	17	29	3 - 10	5 - 17	8 - 16	20 - 40	1.3	11.8	2.6 x 30	62 x 760	2.9	1.32
TUBE-1000*	23	39	3 - 14	5 - 24	8 - 16	20 - 40	1.7	15.9	2.6 x 39	62 x 1000	3.8	1.72

* Proper support required for installation.

Alita Industries, Inc. Ph: 626-962-2116 Fax: 626-962-2177

Flexible Membrane Performance Curves

General Oxygen Transfer Efficiency (OTE) Curves



General Dynamic Wet Pressure (DWP) Curve