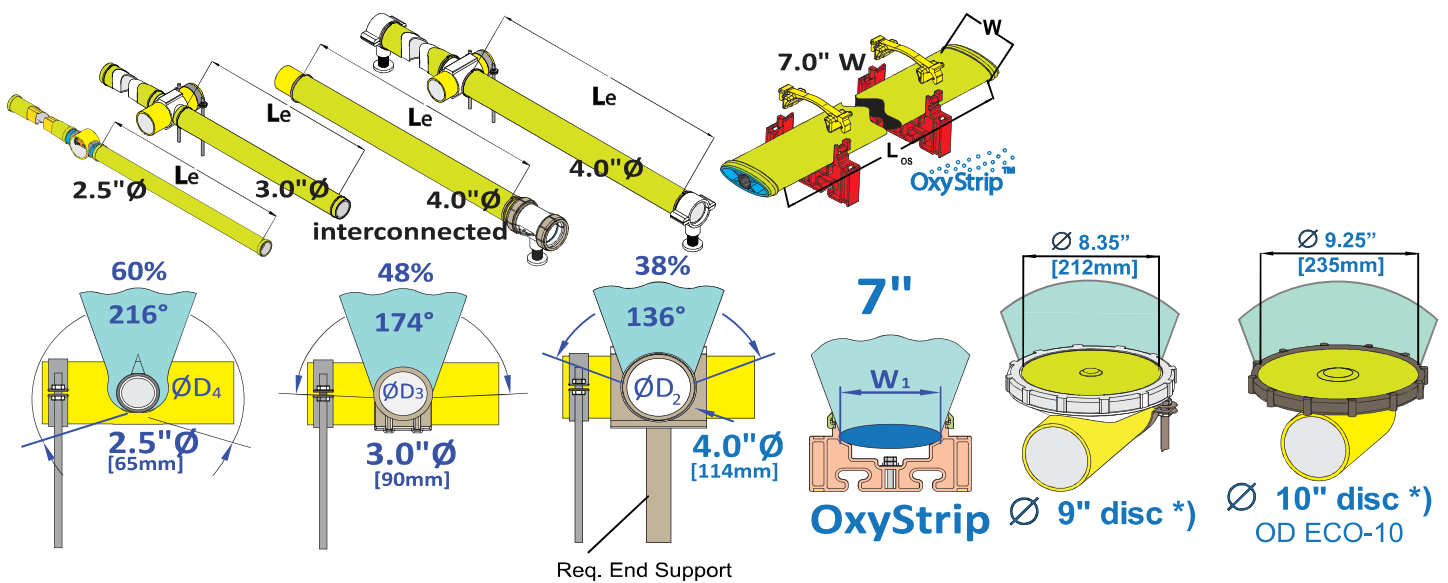


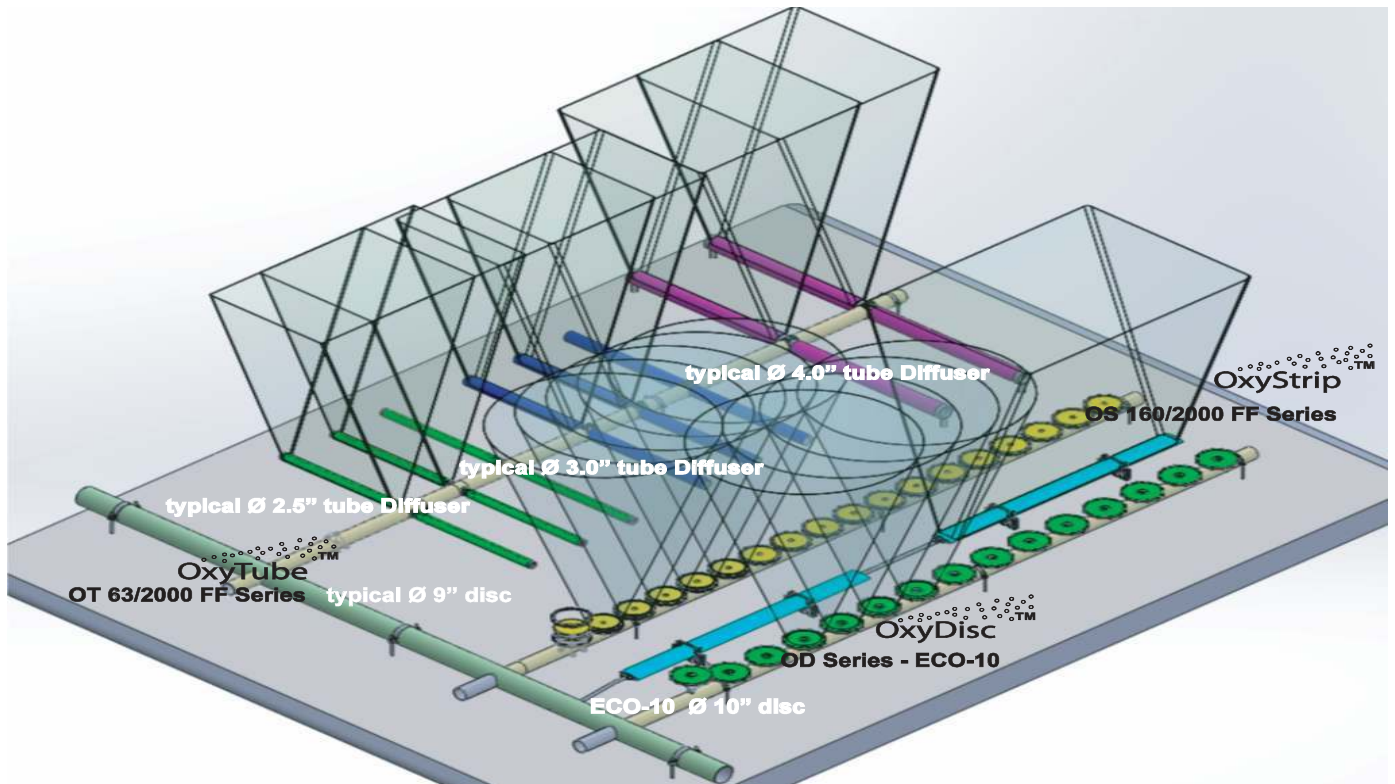
Byers Guide – How to compare the effective diffuser membrane aerea, diffuser air flow range, mebrane materials, & SOTE performance OxyStrip vs. Tube vs. Disc Diffusers



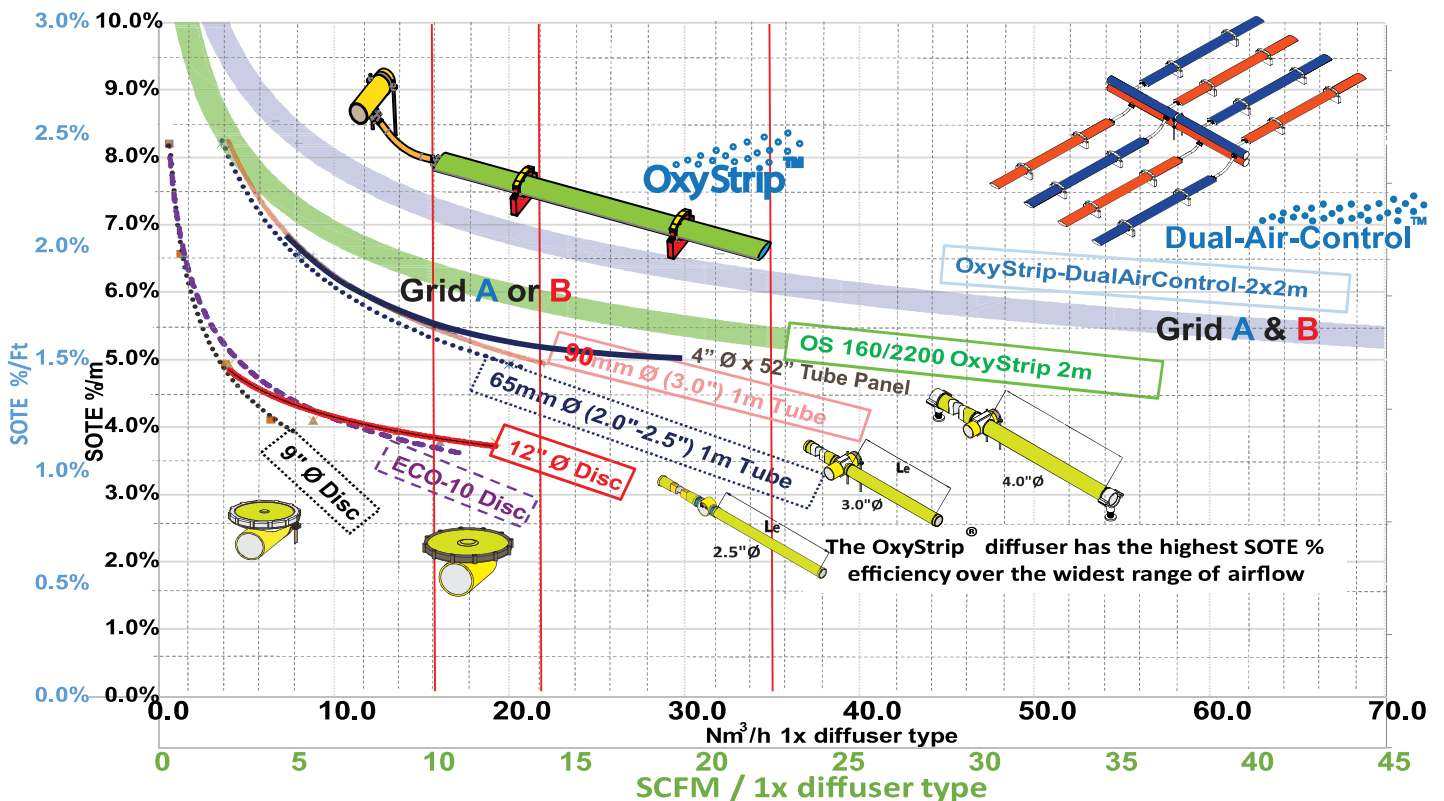
Nominal Diameter / Diffuser Type	Effective aeration Ø ["]	Effective aeration Ø [mm]	L _e Effective aeration length per diffuser ["]	L _e Effective aeration length per diffuser [mm]	Effective surface area of circumference	Effective membrane area per diffuser [ft²]	Effective membrane area per diffuser [m²]
Ø 4" tube x 52.5" long	4.76 inch	121 mm	51.00 inch	1,295 mm	38%	2.01 ft²	0.187 m²
Ø 3" tube x 39.5" long	3.70 inch	94 mm	37.40 inch	950 mm	48%	1.45 ft²	0.135 m²
Ø 2.5" tube x 41" long	2.56 inch	65 mm	39.40 inch	1,000 mm	60%	1.32 ft²	0.123 m²
Width							
7" wide x 81" long strip diffuser	6.30 inch	160 mm	78.74 inch	2,000 mm	n.a.	3.44 ft²	0.320 m²
Diameter							
Ø 9" disc *)	8.35 inch	212 mm	n.a.		n.a.	0.38 ft²	0.035 m²
Ø 10" disc *)	9.25 inch	235 mm	n.a.		n.a.	0.47 ft²	0.043 m²

*) = Note: Ø 12 " Disc - above effective aeration area benchmark does not apply - Ø 12 " Disc diffuser are designed for / only capable of high airflow capacity @ Medium SOTE % efficiency - inquire about free GJ AER webinar for more detail on this subject matter

Fixed Grid Aeration Design Options: Conventional Disc, & Tube Diffuser vs. OxyStrip



SOTE% Performance benchmark by airflow range & diffuser type



SOTE curves for reference only and benchmark SOTE test comparing JAEGER Oxy***™ diffusers to select competitors' models are available on special request. SOTE is subject to tank geometry, diffuser insertion depth, diffuser density and other factors.

Fine bubble Membrane Materials: EPDM, Silicone, & Polyurethane - Scale 1 to 10

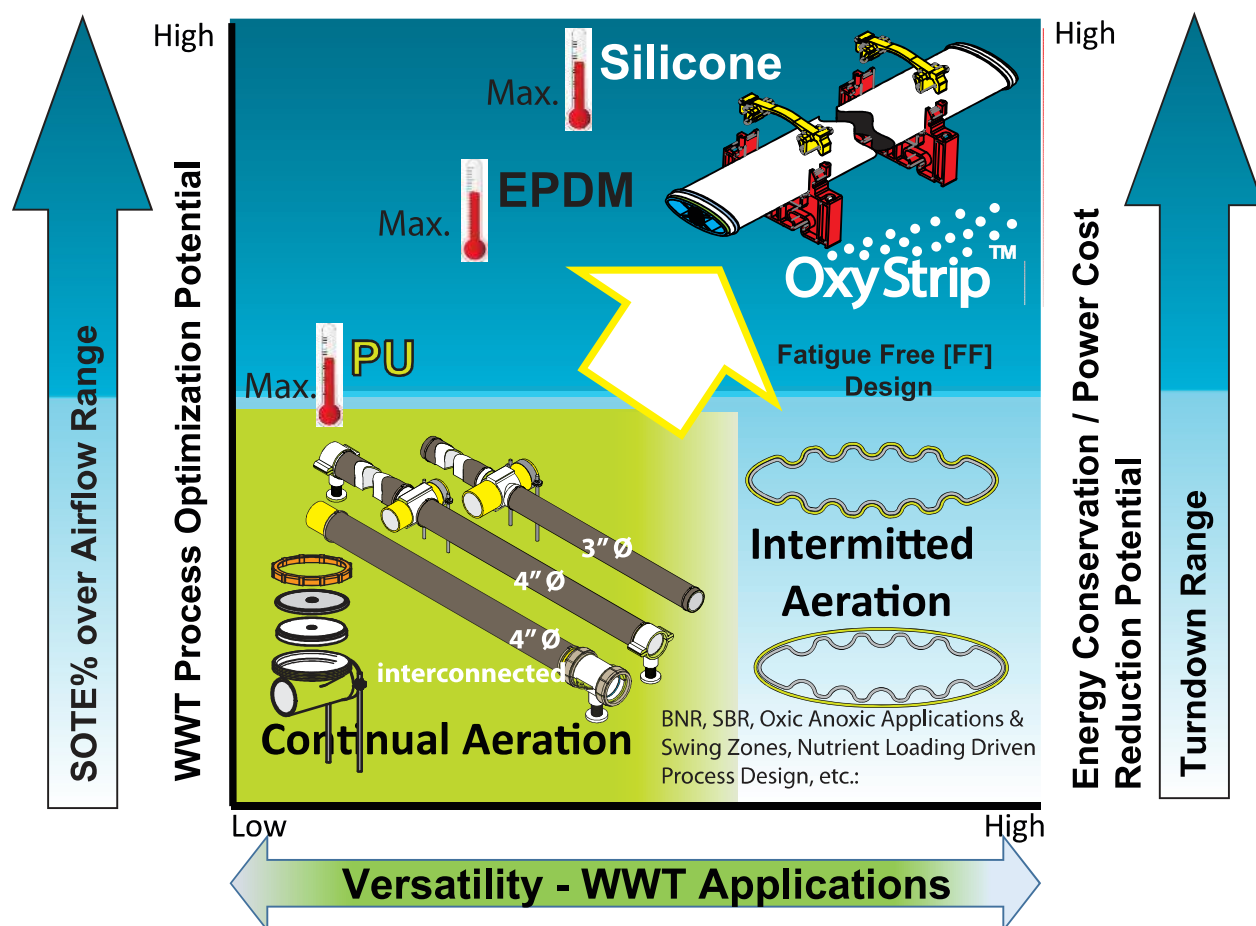
Material selection	Best Price Economy	Max. Temp Range	Best Non-Stick Properties	Highest Insertion/ SWD Depth	Longest Useful Life	Lowest O&M Cost
EPDM	10	8	8	8	8	8
Silicone - SI	9	10	10	10	10	10
Polyurethane - PU	8	6	8	6	6	5

Expected diffuser membrane life > 10 years; reusable diffuser body
– replace only membrane

OxyStrip™ OS 160/2000 FF Series - Dimensions:



OxyStrip™ Model	L (mm)	L2 (mm)	Recommended Design Airflow Range per diffuser (Nm ³ /h)
OS 160/2150 FF	1,500	1,570	2.25 - 28.0 [1.5-17.0 SCFM]
OS 160/2200 FF	2,000	2,070	3.0 - 36.0 [2-22.0 SCFM]
OS 160/2 *** FF	***	***	Special length on request



For more information, please contact your regional sales representative or get in touch with us directly:

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The OxyStrip™ Diffuser employs multiple patented and patent-pending technologies, utility, product design features, registered TMs and / or WWT system process controls. It is engineered and manufactured by Gummi-JAEGER AERATION LLC.

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