
generation systems

AQUA-AEROBIC DIFFUSED AERATION PRODUCTS

Aqua EnduraTube® FINE BUBBLE DIFFUSER

Features/Benefits

- Each duplex assembly consists of two 1 meter long, 63 mm diameter fine bubble tube diffusers
- EPDM rubber membrane, glass reinforced polypropylene attachment saddle
- 304 or 316 SS pipe supports, Schedule 40 PVC piping – headers may be 3 or 4 inch diameter
- Airflow per diffuser: 2 to 14 SCFM per meter
- High SOTE: 1.5 to > 2.0% per foot of diffuser submergence (depending upon flux and diffuser density)
- Pressure drop of approximately 24 to 36 inches of water depending upon diffuser flux. Slits are 1 mm long with 1.5 mm slit spacing. 1.72 ft² perforated area per meter of diffuser
- Lowest capital cost and lowest installation cost

Applications

- Pre and post aeration
- Aerobic digesters
- Sludge holding
- Aeration basins and lagoons



Aquarius FINE BUBBLE DIFFUSER

Features/Benefits

- 9 inch diameter fine bubble disc diffuser
- EPDM rubber membrane, glass reinforced polypropylene attachment saddle
- 304 or 316 SS pipe supports, Schedule 40 PVC piping – headers are 4 inch diameter