

## Membrane Tube Diffuser ( aeration for maximum oxygen )

OXYaero™ tube diffusers by Faraz Tasfieh Company have a perfect operation for transferring the oxygen to aeration tanks in wastewater and fish breeding ponds.

The material of this diffuser is Polyvinyl chloride (PVC) and has a perfect resistance against most of the chemicals and human and industrial wastewater.

This diffuser is made of EPDM rubbers (for use in higher temperature with silicon) and has very small holes which will be made depending on the use.

The table below illustrates the detail of this diffuser:

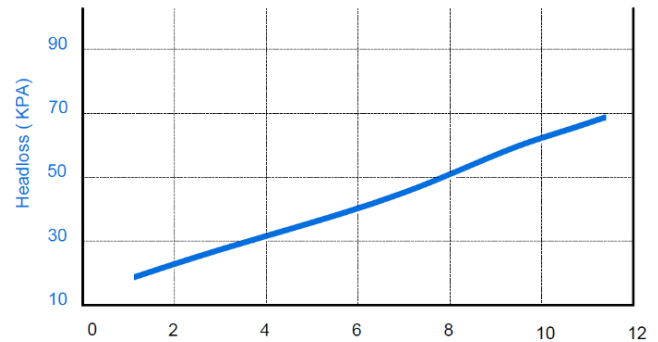
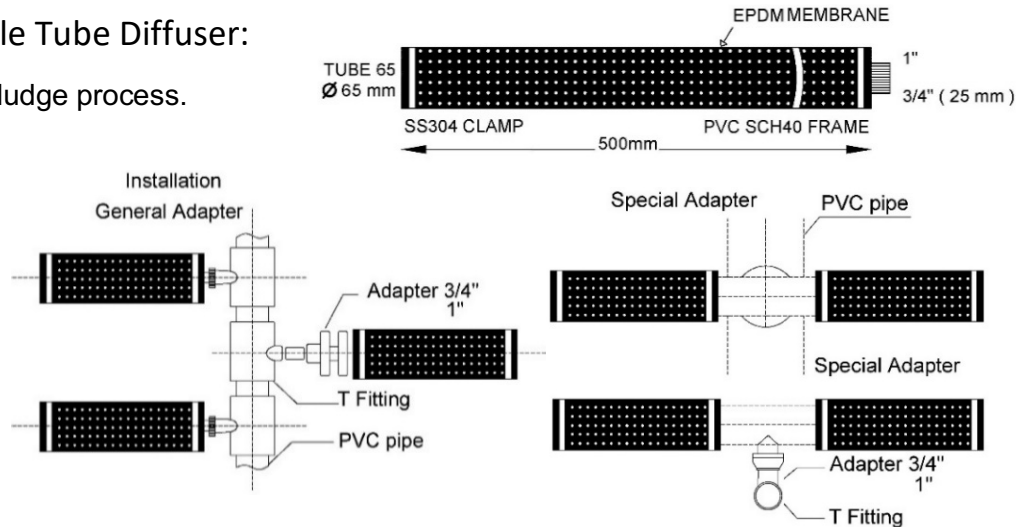


### Physical Conditions

| Model             | Length ( Cm ) | Membrane Thickness (mm) | Range Flow Rate (Nm <sup>3</sup> /hr) min - max | Optional Flow Rate (Nm <sup>3</sup> /hr ) | Thread.Connection Standard | Max Temperature (° C ) |         |
|-------------------|---------------|-------------------------|---|---|----------------------------|------------------------|---------|
|                   |               |                         |   |   |                            | EPDM                   | Silicon |
| OXYaero™ T 65-50  | 50            | 2                       | 3 - 10  | 6   | 3/4 " , 1" M               | 130                    | 230     |
| OXYaero™ T 65-76  | 76            | 2                       | 5-12  | 8   | 3/4 " , 1" M               | 130                    | 230     |
| OXYaero™ T 65-100 | 100           | 2                       | 6-15  | 12  | 3/4 " , 1" M               | 130                    | 230     |

### The Usages of OXYaero™ Fine Bubble Tube Diffuser:

- Aeration ponds in the activated sludge process.
- Sludge storage tanks.
- SBR water treatment system.
- MBR water treatment system.
- Fish breeding ponds.



Specific air load of the OXYaero™ - T65 membrane tube diffuser

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