

NANOPOREX



diva
envitec

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GAS LIQUID MICRONISER



Engineering Today
Greener Tomorrow

Diva Envitec designs NANOPOREX with vacuum fused sintered metal tubes/plates. Static and Dynamic spargers are configured for effective sparging applications without having any moving parts.



Features:

Pore sizes of 0.5 – 200 μm available

Customized flow rates and design

Long live time

High flow rates

Customized fittings

Ring sparger available (min dia. 200mm)

Broad range of alloys available

Applications and Uses

- Aeration – Air sparging to meet BOD (Biological Oxygen Demand) on waste stream.
- Agitation – Air injection for mixing liquids in a vessel.
- Bioremediation – Air sparging to stimulate growth of bacteria for hazardous waste treatment.
- Carbonation – CO₂ sparging for carbonated beverages and beer.
- Chlorine bleaching – Chlorine sparging for bleaching pulp in manufacture of paper.
- Column flotation – Air sparging for coal flotation, and other separations of solids.
- Dewatering – Nitrogen sparging to remove entrained water from motor oil.



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