

Oxygen Transfer Technology

Efficiency by Design

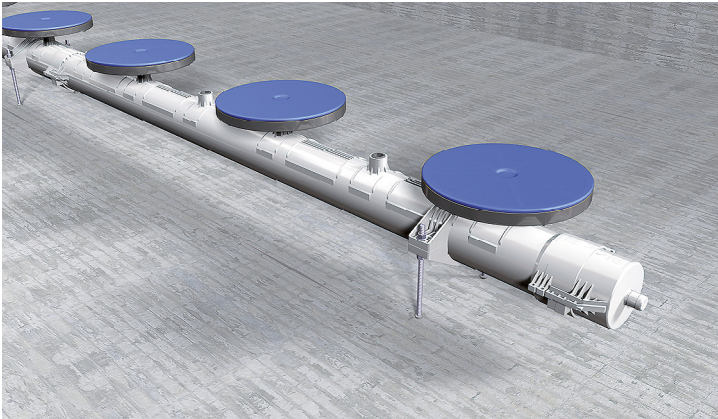


OTT GROUP



D-REX[®]

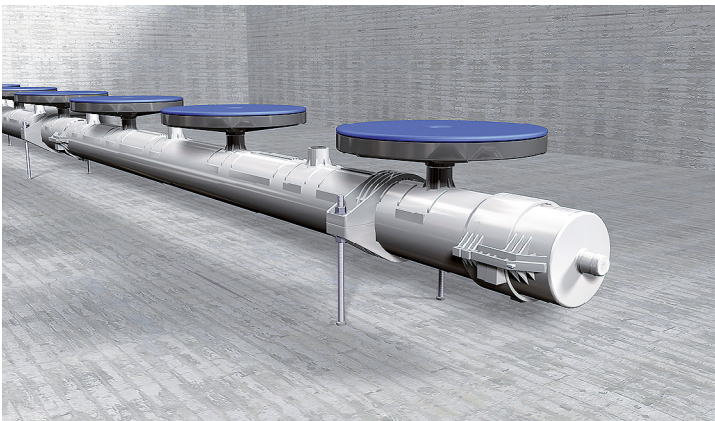
D-REX®: The Benchmark for Quality and Economy in Disc Diffusers



D-REX® 9" disc diffusers with 276 mm diameter offer maximum performance and durability at an attractive price.

D-REX® incorporates design features ensuring efficient and uniform aeration over a wide range of air throughputs.

Our premium membrane materials **FLEXNORM®**, **FLEXSIL®** and **FLEXLON®** provide workhorse reliability even in demanding wastewaters.

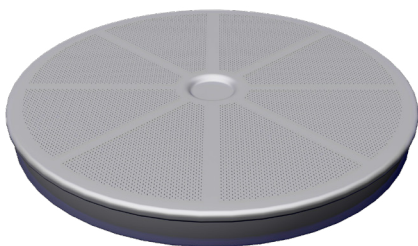
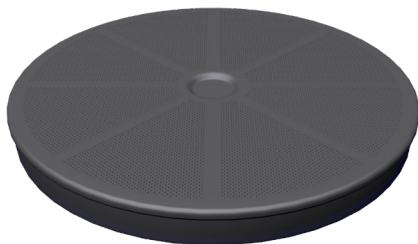
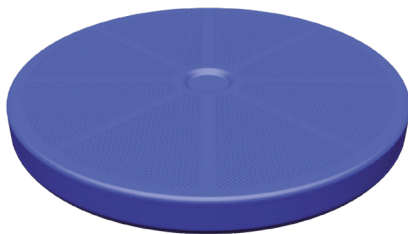


D-REX® disc diffusers can be installed on round or rectangular headers. Connector options are available for installation on ¾" internal or external threading. **D-REX®** disc diffusers are 100% stainless-steel free for outstanding corrosion resistance. The customizable membrane perforation is engineered to provide a uniform and smooth bubble pattern over a broad range of air throughputs. Due to their outstanding efficiency, **D-REX®** disc diffusers can be used as a cost-efficient 1-to-1 replacement of existing conventional 12" disc diffusers.

D-REX® FLEXLON®

- + Efficient, uniform aeration over a wide range of air throughputs
- + Outstanding chemical resistance
- + Excellent UV resistance
- + Extremely rugged design
- + Quick and easy installation





Customers use our diffuser membranes in highly diverse applications:

These include conventional municipal and industrial activated basins, MBR and fixed-bed systems and even fish farms. Accordingly, OTT disc membranes are available in two different customizable materials: EPDM (**FLEXNORM®**), silicone (**FLEXSIL®**) and OTT proprietary elastomer (**FLEXLON®**).

FLEXLON® – for long disc diffuser service life

FLEXLON® membranes are recommended for use in aeration of industrial wastewaters and in processes with air temperatures up to 110°C (230°F).

This proprietary OTT material shows outstanding resistance to oils and greases and provides smooth and reliable operation in industrial and municipal wastewaters.

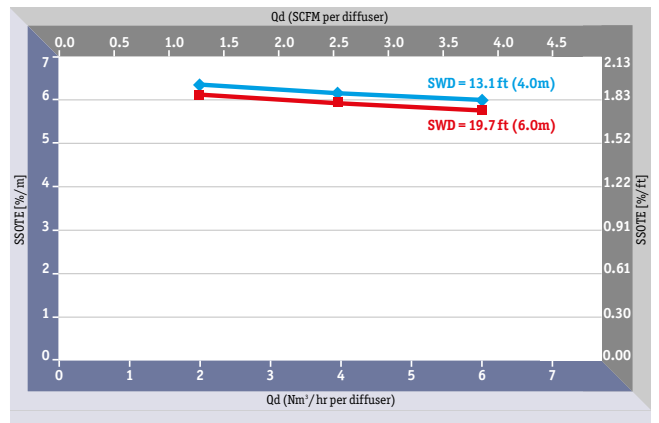
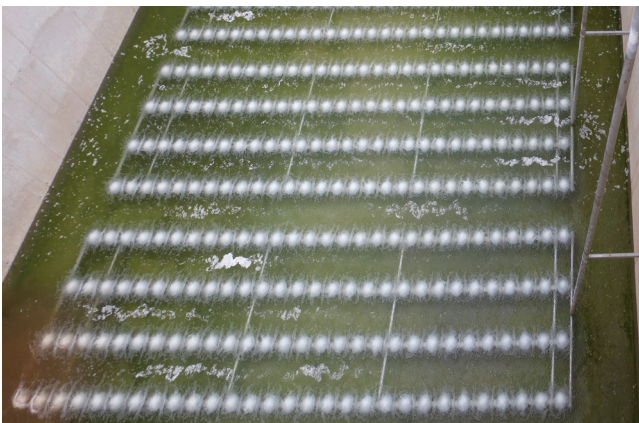
FLEXNORM® – the bioresistant workhorse

FLEXNORM® formulated with a biologically resistant plasticizer which reduces shrinkage and age-related stiffening. Their high-quality formulation ensures long service life even at air temperatures up to 80°C (176°F).

FLEXSIL® – Efficient and Durable

FLEXSIL® membranes are recommended for use with challenging wastewaters as well as in aeration systems requiring high efficiency and long service life. **FLEXSIL®** membranes are suitable for applications at high submersion depths, in heavily polluted wastewaters and at compressed air temperatures up to 140°C (284°F). Made of plasticizer-free materials of construction, they are not subject to embrittlement and are fully resistant to bioslime, a wide range of chemicals as well as oils and greases.

OTT D-REX®: Efficiency by Design



SSOTE and air throughput at diffuser spacing of 1 D-REX® per m²



Member of
German Water Partnership

info@ott-group.com
 www.ott-group.com

