



OTT GmbH
 Frankenring 21
 D 30855 Langenhagen
 Germany

Tel: +49 (0)511 / 78631 0
 Fax: +49 (0)511 / 78631 40
 Email: info@ott-system.com
 www.ott-system.com

Product

FLEXSIL® is a polyorgano siloxan rubber product with an anti-adhesive surface. Process related deposits are extensively averted. This product is resistant to wastewater containing grease, fat or oil.

FLEXSIL® stands out for its high heat resistance and increased tensile strength.

Product Characteristics

Color:	grey
Specific weight:	1.18g/cm ³ ± 0,03
Shore grade of hardness in accordance with DIN 53.505	A 60 ± 5
Permanent temperature resistance:	140° C

Mechanical Values

DIN 53504 SII tensile strength:	> 11 N/mm ²
DIN 53504 SII tensile dilation:	> 630%
Tensile strength in accordance with ASTM D 624 B:	> 35 N/mm

Main Dimensions

Inside diameter:	64 mm
Length:	560 / 810 / 1060 mm
Wall strength:	1.7 mm
Slot Formation:	about 1.0 mm

(Other dimensions and perforations available on request)

Performance Data

Refer for information on the throughput airflow rate of the membranes to the Installation,- Operation- and Maintenance Instructions.

A pressure drop curve of a new membrane showing data of all different perforation types is available on request.

Application

The **FLEXSIL®** membrane-tube is suitable for use in municipal and also industrial wastewater treatment plants with a defined waste water quality.

Chemical resistance in municipal and especially in industrial wastewater must be examined by conducting a water analysis or detailed description of the application and discussion with supplier before membranes are ordered and installed.

The **FLEXSIL®** membranes do have a blue line in the midst of one not perforated area. The blue line helps to adjust the membrane correctly on the diffuser-tube.

Please read the assembly, installation and operating instruction of the OTT diffusers for further details.