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Product

FLEXNORM® is an ethyl propylene rubber product and (EPDM) stands out for its high level of elasticity and tensile strength.

Product Characteristics

Color: black
 Specific weight: 1.2g / cm³
 Shore grade of hardness in accordance with DIN 53.505 A 45 +/- 5
 Permanent temperature resistance: 80° C

Mechanical Values

DIN 53504 SII tensile strength: >10 N/mm²
 DIN 53504 SII tensile dilation: > 450%
 DIN 53512 elasticity: > 30%
 DIN 53507A tensile strength: > 10 N/mm

Main Dimensions

Inside diameter: 64 mm
 Length: 560 / 810 / 1060 mm
 Wall strength: 1.7 mm
 Slot formation: about 1 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 **FLEXNORM®** membrane-tube is suitable for use in municipal 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.

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