



MAXIDYN

1" Tubular Module

The compact and light weight MAXIDYN 1" tubular modules are best suited for the filtration of solutions with high levels of suspended solids.

Due to the module construction and the materials used, high process stability can be achieved.

MAXIDYN FS 1" tubular modules are available in PES or a PVDF high performance membrane with different molecular weight cut-offs (MWCO).

The tubes can be arranged in parallel or series depending on process or system requirements.

Series designs are best suited for low feed volumes and parallel designs are recommended for solutions with a high fouling potential.

The dimensions and connections of the ready-to-mount modules have been chosen for quick and easy installation.

ADVANTAGES

- » filtration with very high solids
- » virtually no clogging
- » compact module construction
- » high chemical resistance
- » simple installation and maintenance
- » chemical and mechanical cleaning is possible

MAXIDYN 1" Tubular Modules

Decoding of the product code: **FS 1 TM-251-FNO**

Module Type	Module Length	Membrane Characteristics	Shell Material	Sealing Material	(Internal) Execution Code
MAXIDYN 1" Tubular module	1 TM short version ca. 1 480 mm 3 TM long version ca. 2 870 mm	251 150 kDa PVDF 887 70 kDa PVDF 522 20 kDa PES 587 100 kDa PES	F PVC P C-PVC G without shell	V Viton (FPM)	may be omitted

Short module

Module Type	FS 1 TM-251	FS 1 TM-587	FS 1 TM-887	FS 1 TM-522
Membrane surface in m ²	0.1	0.1	0.1	0.1
Membrane material	PVDF	PES	PVDF	PES
MWCO in kDa	150	100	70	20
Max. temperature in °C	FVO 45 °C // PVO 60 °C			

Long module

Module Type	FS 3 TM-251	FS 3 TM-587	FS 3 TM-887	FS 3 TM-522
Membrane surface in m ²	0.2	0.2	0.2	0.2
Membrane material	PVDF	PES	PVDF	PES
MWCO in kDa	150	100	70	20
Max. temperature in °C	FVO 45 °C // PVO 60 °C			

Final sizing and selection has to be approved by an official MICRODYN-NADIR representative. Please contact **phone + 49 611 962 6001** or **www.microdyn-nadir.de**