

MAXIDYN 1" Tubular Modules



Advantages in the use of MAXIDYN 1" diameter Tubular Modules:

- Allows the filtration very high suspended solid content fluids
- Practically no clogging risk
- Compact module construction with very low pressure drop
- High chemical resistance
- Easy installation and low maintenance for module replacement
- Effective chemical and mechanical cleaning utilizing sponge balls

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

The module construction and the materials used lead to high process stability.

MAXIDYN 1" tubular modules are available in polyethersulfone or a PVDF high performance membrane with different molecular weight cutoffs (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 where a parallel design is recommended for solutions with a high fouling potential.

The dimensions and connections of the ready to mount modules are designed in such a manner that they provide for a quick and easy installation on new or retrofitted systems.



Overview of MAXIDYN 1" Tubular Modules

Module type	FS 1 TM-251-FVO	FS 3 TM-251-PVO	FS 3 TM-251-GVO	FS 3 TM-587-PVO
Membrane area in m ²	0.1	0.2	0.2	0.2
Membrane material	PVDF	PVDF	PVDF	Polyethersulfone
MWCO in kDa	150	Tubular	150	70
Housing material	PVC	C-PVC	Without housing	C-PVC
Max. temperature in °C	45	60	60	60

Please note, not all the combinations are available. Other module configurations and sizes can be supplied on request.

Please contact MICRODYN-NADIR for further information – phone: +49 (0) 611 962 6001.

Product Nomenclature for the MAXIDYN 1" Tubular Modules

Example	FS	1 TM	251	F	N	O
	MAXIDYN 1" tubular module	Module construction length	Membrane-characteristics	Shell material	Sealing-material	Internal execution-code
		1 TM: short length ca. 1,480 mm 3 TM: long length 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 I stainless steel G without shell	N Buna V Viton	(may be omitted)
here:	here:	here:	here:	here:	here:	here:
1" tube module	short length	150 kDa from PVDF	PVC – shell	Buna	Standard-execution	