RF-GMS-170 Membrane Element

Replacement PTFE Membrane Kit for RF-GMS-170 · Pure PTFE · M1 0.1 µm

TECHNICAL SPECIFICATIONS

Model	**RF-GMS-170 Membrane Element**
For Housing	RF-GMS-170 membrane separator
Membrane Material	100 % pure PTFE (self-sealing)
Standard Grade	M1 — 0.1 µm (low flow)
Alternative Grade	M2 — 0.8 µm (high flow)
Oleophobic Option	"H" suffix
Maximum Temperature	100 °C (in housing)
Element Series	22-27

KIT CONTENTS & MATERIALS

Membrane Element	Pure PTFE, grade as ordered
Seal Set	Viton® standard; PTFE for H_2 / KOH

APPLICATION NOTES

Function	Replaceable consumable for the RF-GMS-170 separator
Service Interval	Replace on differential-pressure rise or at scheduled service
H_2 / KOH Duty	PTFE membrane, high chemical resistance — customer test recommended

MEMBRANE ELEMENT ORDERING

Article	Membrane Rating	Flow / Use
RF-GMS-170-M1	0.1 µm PTFE	Standard / low flow — maximum liquid retention
RF-GMS-170-M2	0.8 µm PTFE	High flow
RF-GMS-170-M1H	0.1 µm PTFE, oleophobic	Oil-repellent duty

Specify seal material with the order (confirmed for the medium). For hydrogen / KOH service order the M1 grade; long-term KOH resistance to be verified by customer test.

Selection note: The membrane element is the wear part of the RF-GMS-170 separator. Keep a spare M1 element on hand for scheduled maintenance. Refer to the RF-GMS-170 separator datasheet for full housing specifications.