

MEMBRANE M4, PTFE

ART. NO. 400055

GENERAL



KEOFITT has the widest selection of spare parts and accessories to complete your sampling system



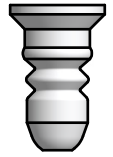
Compatible with all KEOFIT M4 valve heads for PTFE membrane



The patented membrane design is an essential part of the hygienic design of the KEOFIT sampling valves



It allows for optimal exposure to CIP and SIP media while also integrating the capacity to remove the membrane from the valve body without the use of tools



FEATURES



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CERTIFICATION*

FDA · USP · EU 1935/2004

TECHNICAL DATA

Material:	PTFE (TFM 1600 - white)
Range of temperature in dry atmospheric air:	-200° - +200°C / -328° - +392°
Ball hardness (N/mm ²):	29
Tensile strength (DIN53455 - N/mm ²):	35
Elongation at break (DIN53455 - %):	350
Density (DIN 53479 - g/cm ³):	2,17
Shore D (DIN 53505):	57
Thermal conductivity (W/m.k DIN 52612):	0,22
Expansion coefficient (DIN 53752 [K ⁻¹]):	12-17x10 ⁻⁵
Flammability:	Inflammable UL 94
Chemical resistance:	Is not attacked by common chemicals with the exception of strongly oxidising acids

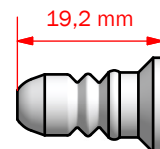
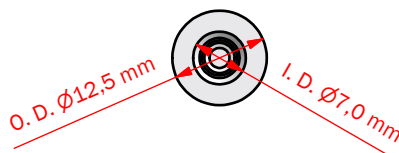
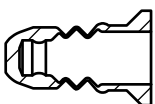
SERVICE LIFE

Average service life of a PTFE membrane is 12 months - actual life expectancy must be experimentally determined by the user.

Temp. max.:	1 - 150°C / 34 - 302° F
Steam pressure:	0 - 2 bar (g) / 0 - 29 psi (g)
Process pressure:	0 - 6 bar (g) / 0 - 87 psi (g)
CIP:	NaOH or similar

Net Weight

· Kg/lbs 0,001 kg / 0,00 lbs



MEMBRANES M 4

Silicone



400051

EPDM



400052

PTFE



400055

Part of valve head

400041	400041E	405541
400042	400042E	405542
400043	400043E	405543
400044	400044E	405544
400047	400047E	405547

Part of spare part kit

774041	774041EPDM	774041PTFE
774044	774044EPDM	774044PTFE