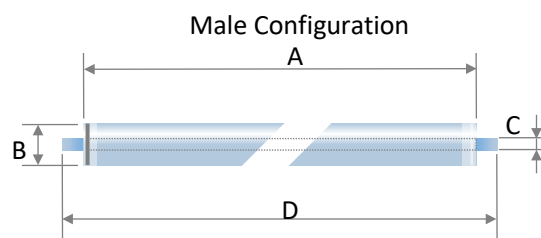


UNISOL MF Elements

Spiral Wound Element FG MPA Series

Description	MPA series membrane is a Polyacrylonitrile on polyester backing material based one, had the specialty of low pressure, and chlorine tolerant	
Specification	Membrane Material MWCO Water flux of membrane ^{(1) (3)} Out Wrap	MPA Polyacrylonitrile 0.1um 1.5-2.5gfd/psi (36-60 LMH/bar) FRP
Limits	Max. Operating Pressure Max. Pressure Drop Max. Operating Temperature Max. Cleaning Temperature Cleaning pH Range Max. feed turbidity ⁽²⁾ Max. feed SDI	10 bar (145 psi) 0.68 bar (10 psi) for individual element 50 °C (122 °F) 50 °C (122 °F) 2 – 11 1 NTU 5
Area ft ² (m ²)	FG MPA 4040 D-M	68 (6.3)

Dimensions



Size/ mm (inch)	A ^[1]	∅B ^[2]	∅C ^[3]	D
FG MPA 4040 D-M	965 (38)	99.4 (3.9)	19 (0.748)	1016 (40)

^[1] Tolerance: ±0.5mm.

^[2] Tolerance: -2/0mm.

^[3] 4040-M tolerance: 0~+0.1 mm.

⁽¹⁾ Test condition: Pure water, 77 °F (25 °C).

⁽²⁾ Feed water with turbidity more than 0.2NTU generally results in cleanings frequently.

⁽³⁾ For the purpose of improvement, specifications may be updated periodically

⁽⁴⁾ Permeate pressure should not exceed feed pressure or concentrate pressure by more than 5psi (0.34bar) during online, offline, and transition.