

UNISOL Industrial Ultrafiltration Element

Spiral wound element ID UF Series

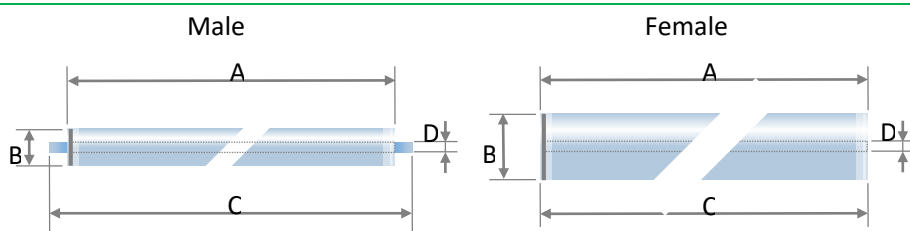
Description UF series membrane element, with MWCO at 3,000, 5,000, 10,000, 20,000Da, with PES material, have the advantage of low pressure, chlorine resistance, use for producing drinking water, pretreatment for RO and wastewater treatment.

Characteristics	Membrane	UPS003 UPS005 UPS010 UPS020
	Membrane Chemistry: MWCO	Polyestersulfone 3,000Da for UPS003 5,000Da for UPS005 10,000Da for UPS010 20,000Da for UPS020
	Outer wrap	Net wrap

Limit	Max. operating pressure:	10 bar
	Max. pressure drop:	0.68 bar
	Max. operating temperature:	50 °C
	Max. cleaning temperature:	50 °C
	pH cleaning range:	2 – 12
	Max. feed turbidity :	1 NTU
	Max. feed SDI:	5

Area ft ² (m ²)	Feed spacer	1812	2540	4040	8040
	31 mil (B)	0.19	24 (2.2)	85 (7.9)	351 (32.6)
	46 mil (C)	0.17	19 (1.8)	68 (6.3)	269 (25)

Dimensions	Male			Female		
	Size	1812	2540	4040-M	4040-F	8040
A	mm	305	965 (38)	965 (38)	1016 (40)	1016 (40)
∅B	mm	46	62 (2.4)	99.4 (3.9)	99.4 (3.9)	200.5 (7.9)
C	mm	305	1016 (40)	1016 (40)	1016 (40)	1016 (40)
∅D	mm	16	19 (0.75)	19 (0.75)	16 (0.63)	28.8 (1.13)
Permeate tube		Female	Male	Male	Female	Female



⁽¹⁾ For the purpose of improvement, specifications may be updated periodically

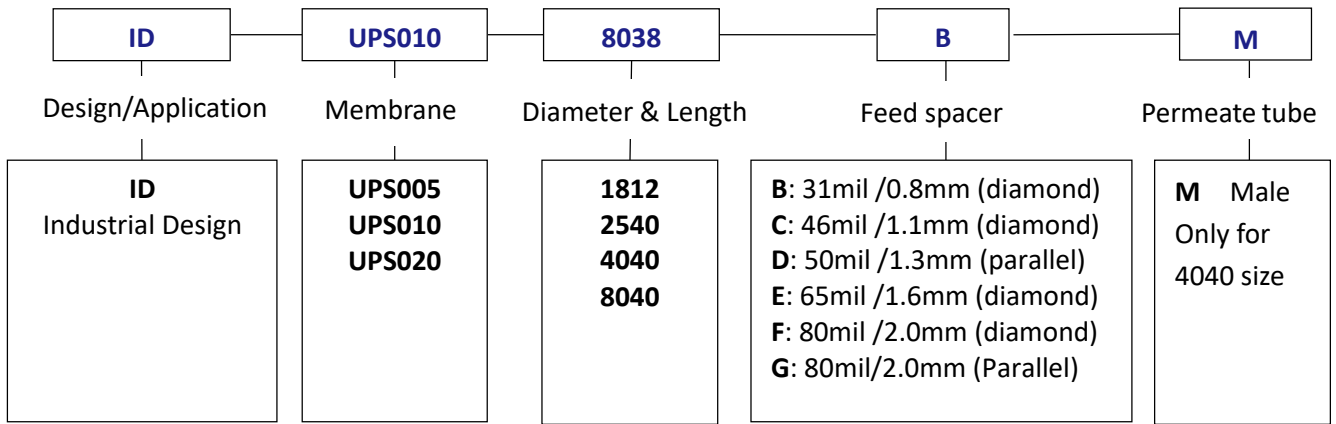
⁽²⁾ Consult UNISOL Membrane Technology when intend to operate at elevated pressure, temperature, concentrations.

⁽³⁾ For the product name, please refer to the annex in the last page.

UNISOL reserves the right to change specifications without prior notification, please refer to the latest version on UNISOL website

Annex

Nomenclature



For example: ID UPS010 4040B-M