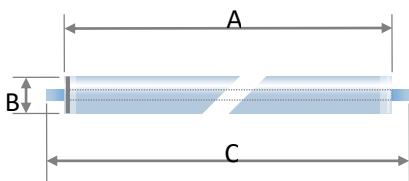
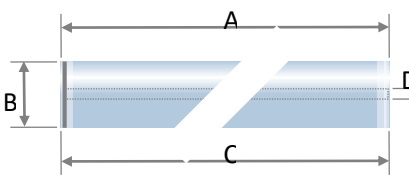


# UNISOL MF membrane elements

## Spiral wound element ID MPV020 Series

<b>Description</b>	MPV020 Series membrane elements, the pore size at 0.2µm, this high-flux membrane is often used to remove macromolecules and concentrate large organic solutes, it is often used for Food, Beverage, wine filtration etc.						
<b>Characteristics</b>	Membrane	MPV020					
	Membrane Chemistry:	PVDF					
	Nominal MWCO:	0.2µm					
	Outer wrap	Net wrap					
<b>Limits</b>	Max Operating Pressure:	10 bar					
	Max Pressure Drop:	1.4 bar per element					
	Max. Operating Temperature:	50 °C					
	Max. Cleaning Temperature	55 °C					
	pH Range:	2 – 12					
<b>Area</b>	<b>Feed spacer</b>	1812	2540	4040	8040		
ft <sup>2</sup> (m <sup>2</sup> )	31 mil Diamond (B)	0.19	24 (2.2)	85 (7.9)	351 (32.6)		
	46 mil Diamond (C)	0.17	19 (1.8)	68 (6.3)	269 (25)		
	50 mil Parallel (D)	0.17	19 (1.8)	68 (6.3)	269 (25)		
<b>Dimensions</b>							
		Male		Female			
							
	Size	1812 Female	2540 Male	4040-M Male	4040-F Female	8040 Female	
	A	mm	305	965	965	1016	1016
	øB	mm	46	62	99.4	99.4	200.5
	C	mm	305	1016	1016	1016	1016
	øD	mm	16	19	19	16	28.8

<sup>(1)</sup> For the purpose of improvement, specifications may be updated periodically

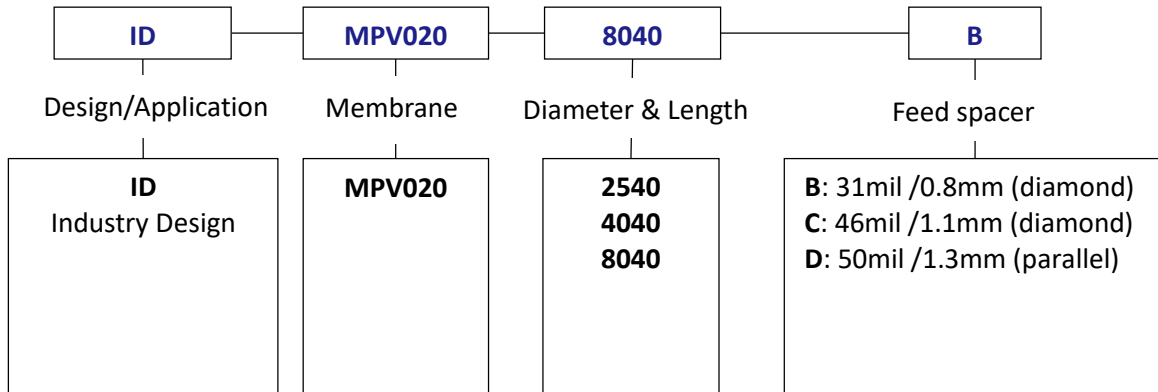
<sup>(2)</sup> Consult UNISOL Membrane Technology when intend to operate at elevated pressure, temperature, concentrations.

<sup>(3)</sup> For the product name, please refer to the annex in the next page

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

# Annex

## Nomenclature



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