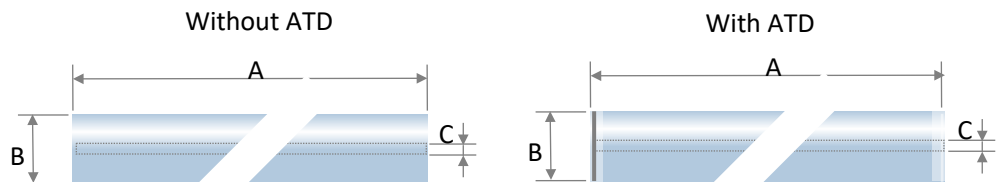


# UNISOL E-Coat Elements

## EC UPV080 Spiral Wound Elements

<b>Description</b>	UNISOL EC UPV080 is a Polyvinylidene Fluoride membrane that is suited for process separations. Especially for E-coat application, EC UPV080 series modules show excellent performance for different kinds of paints.		
<b>Characteristics</b>	Membrane Chemistry:	Polyvinylidene Fluoride (PVDF)	
	Nominal MWCO:	80,000 Daltons	
	Outer wrap	Net wrap	
<b>Limits</b>	Max Operating Pressure:	10 bar (145 psi)	
	Max Pressure Drop:	1 bar (14.5 psi)	
	Max. Operating Temperature:	50 °C (122 °F)	
	Max. Cleaning Temperature	55 °C (131 °F)	
	Operating pH Range:	2 – 10	
	Cleaning pH Range:	1.8 – 11	
<b>Membrane effective Area</b>	Model type	Article number	Area ft <sup>2</sup> (m <sup>2</sup> )
	EC UPV080 4020B	/	40 (3.7)
	EC UPV080 4020C	/	33 (3.1)
	EC UPV080 4040B	91112017	81 (7.5)
	EC UPV080 4040C	/	68 (6.3)
	EC UPV080 8040B	91112033	345 (32)

### Dimensions



Size mm (inch)	A <sup>[1]</sup>	∅B <sup>[2]</sup>	∅C <sup>[3]</sup>	ATD
4020	508 (20)	99 (3.9)	16 (0.629)	With
4040	1016 (40)	99 (3.9)	16 (0.629)	With
8040	1016 (40)	200.5 (7.9)	30.15 (1.187)	With

<sup>[1]</sup> Tolerance: ±0.5mm.

<sup>[2]</sup> Tolerance: -2/0mm.

<sup>[3]</sup> 4020/4040-F tolerance: ±0.1mm. 8040 tolerance: -0.2~0 mm.

<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.