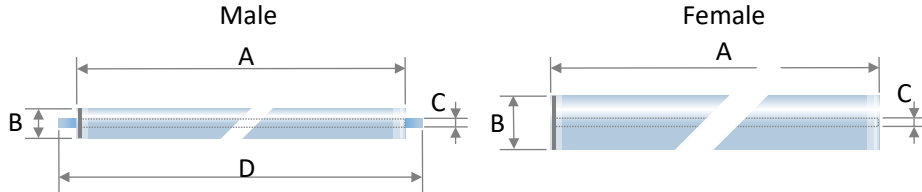


UNISOL UNF604 Nanofiltration Elements

Spiral Wound Element FG UNF604 Series

Description	UNF604 series membrane element is with Nanofiltration membrane designed primarily for organic removing, while featuring monovalent rejection is not good as well as organics with a molecular weight below 1000 Daltons.			
Specification	Membrane	UNF604		
	Material	Piperazineamide		
	Out Wrap	FRP		
	Permeate Flow ^{(1) (2) (3)}	FG UNF604 2540B	740 (2.8)	
	GPD (m ³ /d)	FG UNF604 2540C	500 (1.9)	
		FG UNF604 4040C	2000 (7.6)	
		FG UNF604 8040B	10,000 (37.8)	
		FG UNF604 8040C	7,300 (27.6)	
	MgSO ₄ Rejection ^{(1) (3) (4)}	60 -70%		
Limits	Max Operating Pressure:	40 bar (580psi)		
	Max Pressure Drop:	1 bar (14.5 psi) for individual element		
	Max Operating Temperature:	50 °C (122 °F)		
	Cleaning pH Range:	2 – 12		
	Chlorine Concentration	< 0,1 ppm		
Area	Model type	Article number	Membrane area	
ft ² (m ²)	FG UNF604 2540B	91112121	28 (2.6)	
	FG UNF604 2540C	91112014	22 (2.0)	
	FG UNF604 4040C	91112020	67 (6.2)	
	FG UNF604 8040B	/	377 (35)	
	FG UNF604 8040C	91112009	284 (26.4)	
Dimensions				
Size mm(inch)	A ^[1]	øB ^[2]	øC ^[3]	D
2540-Male	965 (38)	62 (2.4)	19 (0.748)	1016 (40)
4040-Male	965 (38)	99.4 (3.9)	19 (0.748)	1016 (40)
4040-Female	1016 (40)	99.4 (3.9)	16 (0.629)	/
8040-Female	1016 (40)	200.5 (7.9)	28.8 (1.138)	/
^[1] Tolerance: -2~0mm. ^[2] Tolerance: -2~0mm. ^[3] 2540/4040-M tolerance: 0~+0.1 mm. 4040-F tolerance: ±0.1mm. 8040 tolerance: -0.2~0 mm.				

- ⁽¹⁾ Test condition: 2000ppm MgSO₄ solution, 110psi (7.6bar), 77 °F (25 °C), pH 8;
- ⁽²⁾ Permeate flow for individual elements may vary ± 20%.
- ⁽³⁾ For the purpose of improvement, specifications may be updated periodically.
- ⁽⁴⁾ Stabilized salt rejection is generally achieved within 24 – 48 hours of continuous use, depending upon feed water characteristics and operating condition.