DATASHEET

1812 Test Elements Information Sheet

Sanitary spiral wound elements with net wrap for small scale testing

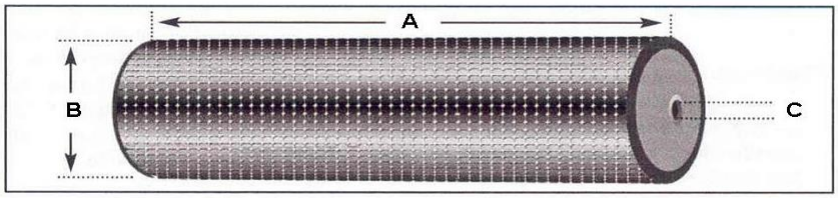
MEMBRANE TYPE	
TFC® HRX	Thin Film Composite High Rejection RO membrane
TFC SR3D	Thin Film Composite NF membrane, 200 MWCO
HFK-131	Polyethersulfone UF membrane, 10K MWCO
HFK-328	Polyethersulfone UF membrane, 5K MWCO
HFK-525	Polyethersulfone UF membrane, 7.5K MWCO
HFK-909	Polyethersulfone UF membrane, 3K MWCO
MFK-603	Polyethersulfone MF membrane, 0.1 micron pore size, high temperature

PRODUCT SPECIFICATIONS		
Model	**Feed Spacer mil (mm)**	**Approximate Membrane area ft^2 (m^2)**
1812 NF / RO	45 (1.1)	3.0 (0.28)
1812 NF / RO	30 (0.8)	4.0 (0.37)
1812 UF	45 (1.1)	3.0 (0.28)
1812 UF	30 (0.8)	4.0 (0.37)
1812 MF	45 (1.1)	2.0 (0.19)
1812 MF	30 (0.8)	3.0 (0.28)

OPERATING AND DESIGN INFORMATION*		
Typical Operating Pressure	UF/MF:	30 - 120 psi (2.1 - 8.3 bar)
	NF/RO:	100 - 650 psi (6.8 – 44.8 bar)
Operating Temperature Range	NF/RO:	40 - 120°F (5 - 50°C)
	UF/MF:	40 - 130°F (5 - 55°C)
	MF:	40 - 176°F (5 - 80°C)

* Consult KMS Process Engineering for specific applications and other operating parameters

NOMINAL DIMENSIONS



Model	A		B		C	
	inches	**mm**	**inches**	**mm**	**inches**	**mm**
1812 (all models)	12.0	305	1.9	48	0.63	16

KOVALUS SEPARATION SOLUTIONS™, LLC • 850 Main Street, Wilmington, MA 01887
Main: +1-978-694-7000 • Toll Free: +1-888-677-5624
For complete contact information and listing of our global locations, visit www.kovalus.com