

2.5” Test Elements Information Sheet

Sanitary spiral wound elements with net wrap for small scale testing

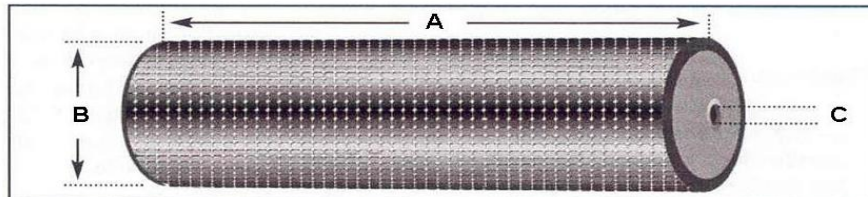
MEMBRANE TYPE	
TFC® HRX/RO	Thin Film Composite High Rejection RO membrane
TFC SR3D/NF200	Thin Film Composite NF membrane, 200 MWCO
SeIRO® MPS34	Temperature and pH Stable NF membrane, 200 MWCO
HFK-131	Polyethersulfone UF membrane, 10K MWCO
HpHT™ K131	Polyethersulfone UF membrane, 10K MWCO, high temperature
HFK-328	Polyethersulfone UF membrane, 5K MWCO
HpHT K328	Polyethersulfone UF membrane, 5K MWCO, high temperature
HFK-909	Polyethersulfone UF membrane, 3K MWCO
HpHT K909	Polyethersulfone UF membrane, 3K MWCO, high temperature
30K, 50K	Polyethersulfone UF membrane, 30K and 50K MWCO, respectively
MFK-603	Polyethersulfone MF membrane, 0.1 micron pore size, high temperature

PRODUCT SPECIFICATIONS		
Model	Feed Spacer mil (mm)	Approximate Membrane area ft² (m²)
2538 TFC NF / RO	45 (1.1)	19 (1.8)
2538 SeIRO NF	30 (0.8)	23 (2.1)
2538 UF	45 (1.1)	19 (1.8)
2538 UF	30 (0.8)	29 (2.7)
2538 HpHT UF	45 (1.1)	18 (1.7)
2538 MF	80 (2.0)	12 (1.1)
2538 MF	45 (1.1)	18 (1.7)

OPERATING AND DESIGN INFORMATION*		
Typical Operating Pressure	UF/MF:	30 - 120 psi (2.1 - 8.3 bar)
	TFC NF/RO and SeIRO NF:	100 - 650 psi (6.8 – 44.8 bar)
Operating Temperature Range	TFC NF/RO:	40 - 113°F (5 - 45°C)
	SeIRO NF:	40 - 158°F (5 - 70°C)
	UF/MF:	40 - 130°F (5 - 55°C)
	UF HpHT:	40 - 140°F (5 - 60°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
2538 (all models)	38.0	965	2.4	61	0.83	21.1

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