

# KSS Flat Sheet Membrane Samples

## Flat Sheet Membrane Samples for Feasibility Tests

MEMBRANE TYPE	
HR / HRX / RO	High Rejection RO membrane (99.6% NaCl Rejection)
SR3D / NF-200	NF membrane, 200 Dalton MWCO
SeIRO® MPF-34	Acid/Base Stable NF membrane, 200 Dalton MWCO
SeIRO MPF-36	Acid/Base Stable NF membrane, 1,000 Dalton MWCO
HFK-328 / 5K	Polyethersulfone UF membrane, 5K Dalton MWCO
HFK-131 / 10K	Polyethersulfone UF membrane, 10K Dalton MWCO
HpHT K328 / 5K	High pH, high temperature Polyethersulfone UF membrane, 5K Dalton MWCO
HpHT K131 / 10K	High pH, high temperature Polyethersulfone UF membrane, 10K Dalton MWCO
HFM-140 / 70K	PVDF UF membrane, 70K Dalton MWCO
HFM-183	PVDF Positive charge UF membrane, 100K Dalton MWCO
MFK-618	Polyethersulfone MF membrane, 0.1 micron pore size
MFK-603 / MF-0.1	Polyethersulfone MF membrane, 0.1 micron pore size, high temperature operation

PRODUCT SPECIFICATIONS		
Model	Koch Part Number	Approximate Dimensions
HR / HRX / RO	8150001	40" x 18"
SR3D / NF-200	8150002	40" x 18"
SeIRO MPF-34	0770002	18" x 18"
SeIRO MPF-36	0770007	18" x 18"
HFK-328 / 5K	0030896	18" x 18"
HFK-131 / 10K	0030880	18" x 18"
HpHT K328 / 5K	0030841	18" x 18"
HpHT K131 / 10K	0030840	18" x 18"
HFM-140 / 70K	0030830	18" x 18"
HFM-183	0030889	18" x 18"
MFK-618	0030898	18" x 18"
MFK-603 / MF-0.1	0030893	18" x 18"

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 - 113°F (5 - 45°C)
	UF/MF:	40 - 130°F (5 - 55°C)
	UF HpHT, 70K:	40 - 140°F (5 - 60°C)
	MF:	40 - 176°F (5 - 80°C)

\* Consult KSS Process Engineering for specific applications and other operating parameters

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