

Product Description

Membrane material	Polypiperazineamide
Membrane type	NaRM
Design	Spiral wound
Features	Shrink film-wrapped (-F)

Specification

Model	Flow*		Rejection	Area		Spacer	
	m3/hr	GPD		%	m2	ft2	mm
4040-F	320*/260**	2000*/1600**	60*/99**	8	86	0,71	28
4040-F2	280*/230**	1800*/1440**	60*/99**	7,7	83	0,79	31
4040-F3	270*/220*	1700*/1350**	60*/99**	7,4	80	0,86	34
4040-F-DRY	320*/260**	2000*/1600**	60*/99**	8	86	0,71	28
4040-F2-DRY	280*/230**	1800*/1440**	60*/99**	7,7	83	0,79	31
4040-F3-DRY	270*/220**	1700*/1350**	60*/99**	7,4	80	0,86	34

*

Test conditions:
test solution of NaCl
500 mg/l, P=0,7 МПа,
T=25 °C, pH=7,5.
Recovery -15%

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Test conditions:
test solution of MgSO4
2000 mg/l, P=0,7
МПа, T=25 °C, pH=7,5.
Recovery -15%

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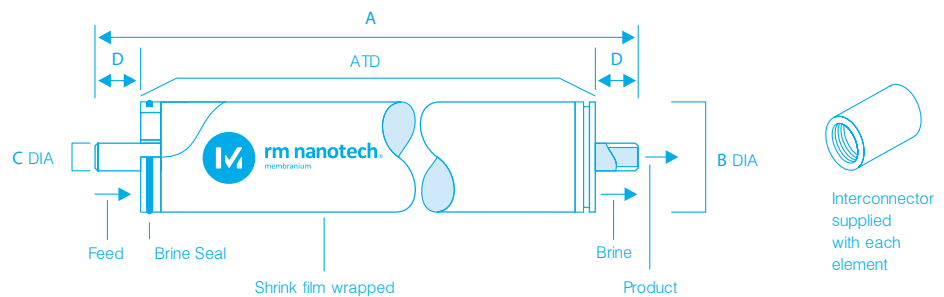
Flow of each single
element in a batch may
vary for +/-20%

Operating conditions

Recommended operation pressure, MPa	0,6-2,0
Maximum operation pressure, MPa, tape overwrap	2,1
Maximum pressure drop, MPa	0,1
Operation temperature, °C ¹⁾	4-45
pH at continuous operation at T<35°C	2-11
pH at continuous operation at T<45°C	3-10,5
Chemical cleaning, temperature, °C	T<45 T<35 T<25
CIP pH (short time operation)	2-11 1-11.5 1-12
Acceptable Hydrogen peroxide concentration during continuous operation, mg/l	40
during disinfection (not longer than 30 min), mg/l	1000
Acceptable free Chlorine concentration during continuous operation, mg/l	1
during disinfection (not longer than 30 min), mg/l	5
Maximum feed flow, m3/hr	3,6
Concentrate/permeate ratio on each element, min	5:1
Turbidity, NTU max	1

1)

During continuous work
with pH over 10 the
temperature must not
exceed 35°C



Model	A mm	B mm	B' (ATD) mm	C mm	D mm	Weight kg
4040-F(2,3)	1016	101,6	100,3	19,1	26,7	3,6
4040-F-DRY (2,3)	1016	101,6	100,3	19,1	26,7	3,1