

UNISOL AMS B-4021 Membrane

Nanofiltration Flat Sheet Membrane

Base Stable

Description	The AMS NanoPro™ B-series membranes are developed for long-term performance with high and stable fluxes in a very base environment, featuring high pressure and temperature compatibility. AMS NanoPro™ B-series membranes are used for alkali purification and components concentration in high-pH streams. Typical solutions include: <ul style="list-style-type: none"> • 20% NaOH • 10% KOH 	
Specification	Membrane type	B-4021
	Membrane material	Patented composite film
	MgSO ₄ Rejection ⁽¹⁾	≥ 98%
	Water flux of membrane ⁽²⁾	60 liter/m ² /hour (35 gal/ft/day)
	Thickness	200-220μm
Limits	Max. Temperature	5 - 60 °C (41 - 140 °F)
	pH Range	3 – 14
Storage condition	Proper Temperature	5-15 °C (41-59°F)
Notice	<p>Membrane roll should be stored in accordance with above condition without any damage until it is used.</p> <p>UNISOL flat sheet membranes are available in custom sizes upon request. UNISOL recommends the flushing of the membrane for 30 minutes, while discharging the permeate during flushing.</p> <p>Please refer to more details from AMS Membrane Flat sheet Guidelines.</p>	

⁽¹⁾ Test condition: 2000ppm MgSO₄ solution, pressure 40 bar (580 psi), temperature 30 °C (86 °F).

⁽²⁾ Test condition: Pure water, pressure 40 bar (580 psi), temperature 30 °C (86 °F).

⁽³⁾ For the purpose of improvement, specifications may be updated periodically.