

# UNISOL AMS B-4024 Membrane

## Nanofiltration Flat Sheet Membrane

### Base Stable

<b>Description</b>	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"> <li>● 20% NaOH</li> <li>● 10% KOH</li> </ul>	
<b>Specification</b>	Membrane type	B-4024
	Membrane material	Patented composite film
	MgSO <sub>4</sub> Rejection <sup>(1)</sup>	≥ 92%
	Water flux of membrane <sup>(2)</sup>	115 liter/m <sup>2</sup> /hour (68 gal/ft/day)
	Thickness	200-220μm
<b>Limits</b>	Max. Temperature	5 - 60 °C (41 - 140 °F)
	pH Range	3 – 14
<b>Storage condition</b>	Proper Temperature	5-15 °C (41-59°F)
<b>Notice</b>	Membrane roll should be stored in accordance with above condition without any damage until it is used. 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, <b>Please refer to more details from AMS Membrane Flat sheet Guidelines.</b>	

<sup>(1)</sup> Test condition: 2000ppm MgSO<sub>4</sub> solution, pressure 40 bar (580 psi), temperature 30 °C (86 °F).

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

<sup>(3)</sup> For the purpose of improvement, specifications may be updated periodically.