

# UNISOL AMS B-4022 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-4022
	Membrane material	Patented composite film
	MgSO <sub>4</sub> Rejection <sup>(1)</sup>	≥ 96%
	Water flux of membrane <sup>(2)</sup>	90 liter/m <sup>2</sup> /hour (53 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>	<p><i>Membrane roll should be stored in accordance with above condition without any damage until it is used.</i></p> <p><i>UNISOL flat sheet membranes are available in custom sizes upon request.</i></p> <p><i>UNISOL recommends the flushing of the membrane for 30 minutes, while discharging the permeate during flushing</i></p> <p><b><i>Please refer to more details from AMS Membrane Flat sheet Guidelines</i></b></p>	

<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