

UNISOL AMS B-4022 Membrane

Nanofiltration Flat Sheet Membrane

Base Stable

Description	<p>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:</p> <ul style="list-style-type: none"> ● 20% NaOH ● 10% KOH 	
Specification	<p>Membrane type</p> <p>Membrane material</p> <p>MgSO₄ Rejection⁽¹⁾</p> <p>Water flux of membrane⁽²⁾</p> <p>Thickness</p>	<p>B-4022</p> <p>Patented composite film</p> <p>≥ 96%</p> <p>90 liter/m²/hour (53 gal/ft/day)</p> <p>200-220μm</p>
Limits	<p>Max. Temperature</p> <p>pH Range</p>	<p>5 - 60 °C (41 - 140 °F)</p> <p>3 – 14</p>
Storage condition	<p>Proper Temperature</p>	<p>5-15 °C (41-59°F)</p>
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.