

UNISOL AMS S-3012 Membrane

Nanofiltration Flat Sheet Membrane

Solvent Stable

Description	The AMS NanoPro™ membrane is developed for long-term performance with high and stable fluxes in presence of solvents, featuring high pressure and temperature compatibility. Typical solvents include:	
	<ul style="list-style-type: none"> • Methanol, Ethanol, Propanol • Acetone, Acetonitrile 	<ul style="list-style-type: none"> • Hexane • Ethyl acetate • THF • DMF
Specification	Membrane type	S-3012
	Membrane material	Patented composite film
	MgSO ₄ Rejection ⁽¹⁾	≥ 96%
	Water flux of membrane ⁽²⁾	85 liter/m ² /hour (50 gal/ft/day)
	Thickness	200-220µm
Limits	Max. Temperature	5 - 60 °C (41 - 140 °F)
	pH Range	2 – 12
Storage condition	Proper Temperature	5-15 °C (41-59°F)
Notice	<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>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