

# UNISOL AMS S-1801 Membrane

## Ultrafiltration Flat Sheet Membrane

### Solvent Stable

<b>Description</b>	The AMS UltraPro™ 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"> <li>● Methanol, Ethanol, Propanol</li> <li>● Acetone, Acetonitrile</li> <li>● Hexane</li> <li>● Ethyl acetate</li> <li>● THF</li> <li>● DMF</li> </ul>	
<b>Specification</b>	Membrane type	S-1801
	Membrane material	Patented composite film
	MWCO	10,000 Da
	Water flux of membrane <sup>(1)</sup>	18 liter/m <sup>2</sup> /hour/bar (0.73 gal/ft/day/psi)
	Thickness	200-220μm
<b>Limits</b>	Max. Temperature	5 - 50 °C (41 - 122 °F)
	pH Range	2 – 12
<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: Pure water, pressure 2 bar (30 psi), temperature 30 °C (86 °F).

<sup>(2)</sup> For the purpose of improvement, specifications may be updated periodically.