

# UNISOL AMS A-1801 Membrane

## Ultrafiltration Flat Sheet Membrane

### Acid Stable

<b>Description</b>	The AMS UltraPro™ membrane is developed for long-term performance with high and stable fluxes in very acidic environment, featuring high pressure and temperature compatibility. Typical solutions include: <ul style="list-style-type: none"> <li>• 20% H<sub>2</sub>SO<sub>4</sub>      • 20% HCl      • 4% HNO<sub>3</sub></li> <li>• 30% H<sub>3</sub>PO<sub>4</sub>      • 15% CH<sub>3</sub>COOH</li> </ul>	
<b>Specification</b>	Membrane type	A-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	0 – 12
<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: 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