

UNISOL AMS A-1801 Membrane

Ultrafiltration Flat Sheet Membrane

Acid Stable

Description	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"> ● 20% H₂SO₄ ● 20% HCl ● 4% HNO₃ ● 30% H₃PO₄ ● 15% CH₃COOH 	
Specification	Membrane type	A-1801
	Membrane material	Patented composite film
	MWCO	10,000 Da
	Water flux of membrane ⁽¹⁾	18 liter/m ² /hour/bar (0.73 gal/ft/day/psi)
	Thickness	200-220μm
Limits	Max. Temperature	5 - 50 °C (41 - 122 °F)
	pH Range	0 – 12
Storage condition	Proper Temperature	5-15 °C (41-59°F)
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: Pure water, pressure 2 bar (30 psi), temperature 30 °C (86 °F).

⁽²⁾ For the purpose of improvement, specifications may be updated periodically.