

UNISOL AMS S-1801 Membrane

Ultrafiltration Flat Sheet Membrane

Solvent Stable

Description	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"> ● Methanol, Ethanol, Propanol ● Acetone, Acetonitrile 	<ul style="list-style-type: none"> ● Hexane ● Ethyl acetate ● THF ● DMF
Specification	Membrane type	S-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	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: Pure water, pressure 2 bar (30 psi), temperature 30 °C (86 °F);

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