

# UNF454 Flat Sheet Membrane

## Nanofiltration Flat Sheet Membrane

<b>Description</b>	UNF454 flat sheet membrane is with nanofiltration membrane designed primarily for organic removing, as well as organics with a molecular weight around 300-500 Daltons.	
<b>Specification</b>	Membrane type	UNF454
	Membrane material	Polypiperazine
	MWCO	300-500 Da
	Salt Rejection <sup>(1)</sup>	96%
	Water flux of membrane <sup>(1)</sup>	> 35GFD
	Thickness	130-170µm
<b>Limits</b>	Max. Temperature	5 - 50 °C (41 - 122 °F)
	pH Range	2 – 12
<b>Storage condition</b>	Max. Temperature	35 °C (95°F)
	Max. humidity	60%
<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><i>The flat sheet membrane is to be stored in a dry &amp; cool location.</i></p>	

<sup>(1)</sup> Test condition: 2000ppm MgSO<sub>4</sub> solution, 110 psi (7.6bar), 77 °F (25 °C), pH 7

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