

# UNF604 Flat Sheet Membrane

## Nanofiltration Flat Sheet Membrane

|                          |  |                         |
|--------------------------|--|-------------------------|
| <b>Description</b>       | UNF604 flat sheet membrane is with nanofiltration membrane designed primarily for organic removing, while featuring monovalent rejection is not good as well as organics with a molecular weight around 1000 Daltons.  |                         |
| <b>Specification</b>     | Membrane type  | UNF604                  |
|                          | Membrane material  | Polypiperazine          |
|                          | MWCO   | 1,000 Da                |
|                          | Salt Rejection <sup>(1)</sup>  | 40 - 60%                |
|                          | Water flux of membrane <sup>(1)</sup>  | > 27GFD                 |
|                          | Thickness  | 160-170µm               |
| <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.