**Description**

Proprietary Composite Spiral Element
Available in Fiberglass and Netting Wrap configurations
Anti-Telescoping Device (ATD) both ends
Brine seal (one end) - Fiberglass Wrap only

**Dimensions**

Element Diameter (A): 2.4” (61.0 mm)
Element Length (B): 38.0” (965.2 mm)
Permeate Tube OD (C): 0.75” (19.1 mm)
Permeate Tube Extension (D): 1.0” (25.4 mm)
Element Overall Length (E): 40.0” (1016 mm)
Weight: ~4 lbs (1.8 kg)

---

**Element Properties**

<table>
<thead>
<tr>
<th>Membrane Material</th>
<th>Proprietary Composite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Pore Size (µm)</td>
<td>0.05, 0.15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Membrane Area</th>
<th>1.8 m², 1.4 m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feed Spacer</td>
<td>31 mil, 43 mil</td>
</tr>
</tbody>
</table>

**Part # Fiberglass Wrap**

- **UF**: ULA2540-DA1P-FEL07CC, ULA2540-DB1P-FEL07CC
- **MF**: MNA2540-DA1P-FEL07CC, MNA2540-DB1P-FEL07CC

**Part # Netting Wrap**

- **UF**: ULA2540-DA1P-NNL07CC, ULA2540-DB1P-NNL07CC
- **MF**: MNA2540-DA1P-NNL07CC, MNA2540-DB1P-NNL07CC

**Method of Operation**

Cross Flow

---

**Operating Parameters**

**Feed Spacer Configuration**

<table>
<thead>
<tr>
<th>31 mil</th>
<th>43 mil</th>
</tr>
</thead>
</table>

**pH Range**

Continuous (Netting Wrap) ≤ 43°C (110°F)
Continuous (Fiberglass Wrap) ≤ 57°C (135°F)
Clean-In-Place (CIP) ≤ 50°C (122°F)

**Typical Flux Rate**

LMH 35 - 135
GFD 20 - 80

**Maximum Feed Pressure**

bar ≤ 6.9
psi ≤ 100

**Maximum Differential Pressure (per element)**

bar ≤ 1.4
psi ≤ 20

**Backwash Pressure**

bar ≤ 3.5
psi ≤ 50

**Backwash Flow Rate**

m³/h 0.2, 0.1
GPM 0.8, 0.6

**Typical Recovery Rate (per element)**

15% 11%

---

*Feed Spacer Configuration*

The specifications for this product are the dimensions and element properties identified on this Product Data Sheet. The operating parameters on this Product Data Sheet are based upon information believed by PPG to be currently accurate; however, PPG makes no representations or warranties regarding the accuracy of the operating parameters or any other information on this Product Data Sheet. PPG also makes no representations or warranties regarding the performance or results of this product, or regarding freedom from patent infringement in the use of any formulae or process on this Product Data Sheet. Improvements in filtration technology may cause operating parameters to vary from what is on this Product Data Sheet.

---

© 2019 PPG Industries, Inc. All rights reserved. The PPG logo is a registered trademark and We protect and beautify the world is a trademark of PPG Industries Ohio, Inc. 0319

PPG Filtration Technologies
440 College Park Drive
Monroeville, PA 15146 USA

Contact us:
filtration@ppg.com
www.ppgfiltration.com

We protect and beautify the world™