



Meet Your Filtration Needs Is Our Goal.

## SS-UE003-3838

UF Membrane for Pharmaceutical, Biological, Food and Dairy Applications

### PRODUCT DESCRIPTION

|                            |   |
|----------------------------|---|
| <b>Membrane Chemistry:</b> | Proprietary semi-permeable polyethersulfone (PES)                         |
| <b>Membrane MWCO:</b>      | 3,500 Daltons   |
| <b>Construction:</b>       | Sanitary spiral wound element with net outer wrap                         |
|                            | Feed Spacer: F=31 mil, G=46 mil, H=65 mil                                 |
| <b>Options:</b>            | Outer wrap: N= Control Bypass without Tail<br>T= Control Bypass with Tail |

### SPECIFICATIONS

| Model         | Active Membrane Area              |                                   |                                   |
|---------------|-----------------------------------|-----------------------------------|-----------------------------------|
|               | FN/T Spacer (31mil)               | GN/T Spacer (46mil)               | HN/T Spacer (65mil)               |
|               | ft <sup>2</sup> (m <sup>2</sup> ) | ft <sup>2</sup> (m <sup>2</sup> ) | ft <sup>2</sup> (m <sup>2</sup> ) |
| SS-UE003-3838 | 76 (7.0)                          | 60 (5.5)                          | 47 (4.3)                          |

Specialty feed spacer is available.

### OPERATION SPECIFICATIONS

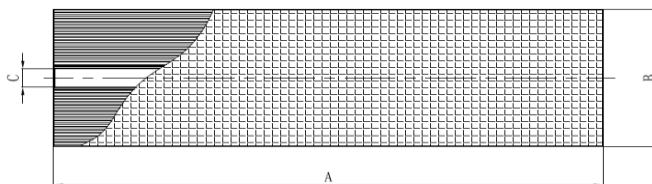
|                                      |                          |
|--------------------------------------|--------------------------|
| <b>Typical Operation Pressure:</b>   | 30-120 psi (2.1-8.3 bar) |
| <b>Maximum Operation Pressure:</b>   | 140 psi (9.7 bar)        |
| <b>Operating Temperature Range:</b>  | 41-122°F (5-50°C)        |
| <b>Cleaning Temperature Range:</b>   | 105-122°F (40-50°C)      |
| <b>pH-Continuous Operation @25°C</b> | 2.0-10.0                 |
| <b>pH-CIP @25°C</b>                  | 1.8-11.0                 |

Contact us for specific applications.

### DESIGN PARAMETERS

|  |   |
|--|---|
| <b>Feed:</b>                             | F spacer:20-26 gpm<br>G spacer:26-32 gpm<br>H spacer:30-38 gpm  |
| <b>Design Pressure Drop Per Element:</b> | F spacer:12-15 psi (0.8-1.0bar)<br>G spacer:15-20 psi (1.0-1.4bar)<br>H spacer:15-25 psi (1.0-1.7bar) |

### DIMENSIONS



| Model         | A           | B           | C            |
|---------------|-------------|-------------|--------------|
|               | inches (mm) | inches (mm) | inches (mm)  |
| SS-UE003-3838 | 38.0 (965)  | 3.8 (96)    | 0.831 (21.1) |

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