



Meet Your Filtration Needs Is Our Goal.

SS-UE005-3838

UF Membrane for Pharmaceutical, Biological, Food and Dairy Applications

PRODUCT DESCRIPTION

| | |
|----------------------------|---|
| Membrane Chemistry: | Proprietary semi-permeable polyethersulfone (PES) |
| Membrane MWCO: | 5,000 Daltons |
| Construction: | Sanitary spiral wound element with net outer wrap |
| | Feed Spacer: F=31 mil, G=46 mil, H=65 mil |
| Options: | Outer wrap: N= Control Bypass without Tail T= Control Bypass with Tail |

SPECIFICATIONS

| Model | Active Membrane Area | | |
|---------------|-----------------------------------|-----------------------------------|-----------------------------------|
| | FN/T Spacer (31mil) | GN/T Spacer (46mil) | HN/T Spacer (65mil) |
| | ft ² (m ²) | ft ² (m ²) | ft ² (m ²) |
| SS-UE005-3838 | 76 (7.0) | 60 (5.5) | 47 (4.3) |

Replacements: KOCH 3838 HFK-328; NADIR DS-UP005-3838
Specialty feed spacer is available.

OPERATION SPECIFICATIONS

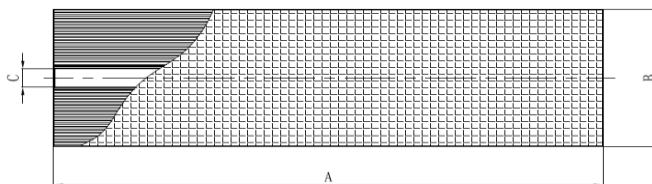
| | |
|--------------------------------------|--------------------------|
| Typical Operation Pressure: | 30-120 psi (2.1-8.3 bar) |
| Maximum Operation Pressure: | 140 psi (9.7 bar) |
| Operating Temperature Range: | 41-122°F (5-50°C) |
| Cleaning Temperature Range: | 105-122°F (40-50°C) |
| pH-Continuous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

Contact us for specific applications.

DESIGN PARAMETERS

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

DIMENSIONS



| Model | A | B | C |
|---------------|-------------|-------------|--------------|
| | inches (mm) | inches (mm) | inches (mm) |
| SS-UE005-3838 | 38.0 (965) | 3.8 (96) | 0.831 (21.1) |

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