



The Specialty Membrane Company

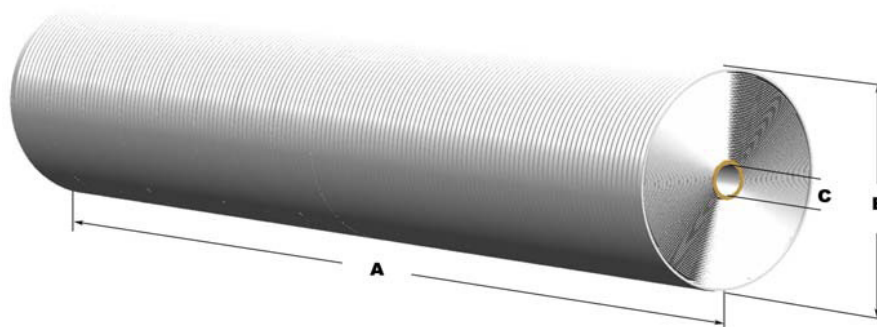
PRODUCT SPECIFICATION

3.8" UF TurboClean® Sanitary Element

Model	Nominal M.W.C.O.
TurboClean® UF 3838-UF10-46	10,000

OPERATIONAL AND DESIGN DATA

Membrane Type	UF10 Polyethersulfone Ultrafiltration Membrane
Configuration	Spiral Wound, Sanitary Element
Active Membrane Area	55 ft ² (5.1 m ²)
Typical Applied Pressure	50 - 200 psi (3 - 14 bar)
Maximum Applied Pressure	600 psi (41 bar)
Maximum Operating Temperature	122 °F (50 °C)
Feed pH Range	2 - 11 continuous
Chlorine Tolerance	180 ppm for sanitization @ pH ≥ 10.5
Maximum Feed Flow	30 GPM (6.8 m ³ /hr)
Maximum Pressure Drop	15 psi (1 bar) per element; 60 psi (4 bar) across housing
Replaces Models	TurboClean® UF 3838-UE10-46, 3838-N6D4V9, 3838-N6D9V9



Element Weight: 9 lbs. (4 kg)

Length (A): 38.00" (965 mm)

Diameter (B): 3.8" (96 mm)

Permeate Tube (C): 0.83" (21.2 mm)

Permeate Tube: Polysulfone Sanitary Style tube

Feed Spacer: 0.046" thick diamond spacer



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SOLUTIONS

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