

Ultrafiltration

Net-Wrapped UF Elements

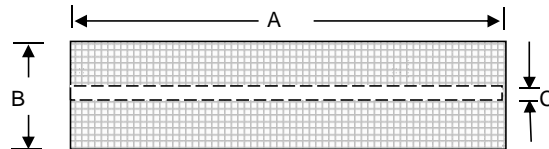
Model	Application	Description	Feed Spacer Thickness in. (mm)	Nominal Membrane Area ft ² (m ²)	Dimensions, in. (mm)			Max Pressure Drop per Element psi (bar)
					Length A	Element OD B	Perm Tube ID C	
TMUF5 8040NW	Pharma-Bev Water	Regulatory Compliant	0.031 (0.79)	370 (34)	40 (1016)	7.9 (201)	1.187 (30.2)	15 (1.0)
TMUF5 8040PS	Pharma-Bev Water	Regulatory Compliant	0.031 (0.79)	370 (34)	40 (1016)	7.9 (201)	1.125 (28.6)	15 (1.0)

Product Type: Spiral Wound Net-Wrapped Element with Hydrophilic Polyethersulfone Asymmetric Membrane. TMUF5 is 5,000 MWCO

Materials Specifications:	Feed Spacers and Element Outer-Wrap:	Polypropylene
	All Permeate Tubes, ATDs, Ics:	Polysulfone for PS, Noryl and ABS for NW
	Permeate Carrier:	Proprietary
	Adhesives:	Proprietary

Operating Limits:	Maximum Operating Pressure, psi (bar):	200 (13.9)
	Maximum Operating Temperature, °F (°C):	140 (60)
	Acceptable pH Range (operating) :	2.0-10.0
	Acceptable pH Range (short-term cleaning) :	1.0-11.5
	Maximum Pressure Drop per Vessel, psi (bar):	60 (4.1)
	Oxidant Tolerance:	
	Free Chlorine (sanitizing), ppm	50
	Free Chlorine (continuous injection), ppm	2

Dimensions:



TMUF58040NW, TMUF58040PS
(dimensions include Anti Telescoping Devices)

Notice:

1. Elements are preserved in sodium meta-bisulfite. Appropriate personal protective equipment should be worn when handling.
2. Toray accepts no responsibility for results obtained by the application of this information or the safety or suitability of Toray's products, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each product combination for their own purposes.
3. All data may change without prior notice, due to technical modifications or production changes.