

PE10-6438*N-WX5A Product Line Sanitary Ultrafiltration (UF) Element

Physical Dimensions

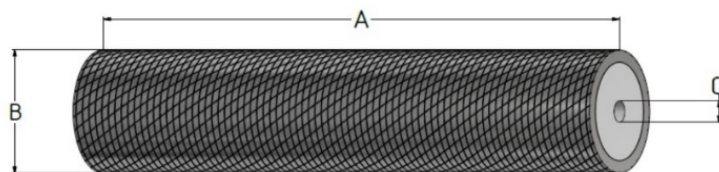
Feed Spacer Thickness	Membrane Area	Element Length "A"	Element Diameter "B"	Permeate Tube ID "C"
31 Mil†	220ft ² (20.44m ²)	38in (965.2mm)	6.4in (160.02mm)	1.139in (28.93mm)
46 Mil	164ft ² (15.23m ²)	38in (965.2mm)	6.4in (160.02mm)	1.139in (28.93mm)
65 Mil	143ft ² (13.29m ²)	38in (965.2mm)	6.4in (160.02mm)	1.139in (28.93mm)
80 Mil	120ft ² (11.15m ²)	38in (965.2mm)	6.4in (160.02mm)	1.139in (28.93mm)

†(31-80) Feed spacer net thickness (mils)

Operating Parameters[‡]

Feed Spacer Thickness	Max. Element ΔP	Recommended Design Cross Flow
31 Mil	15 psi (1 bar)	74 gpm (16.8 m ³ /h)
46 Mil	20 psi (1.4 bar)	88 gpm (20.0 m ³ /h)
65 Mil	25 psi (1.7 bar)	99 gpm (22.5 m ³ /h)
80 Mil	25 psi (1.7 bar)	105 gpm (23.8 m ³ /h)

‡Recommended Nominal Values



Complies with 3A Sanitary Standards, FDA (CFR Title 21), EU Commission Directive 2002/72/EC.

High temperature, high pressure and specialty configurations are also available.

Consult Nanostone or visit our website for more information.

PE10HpHt Membrane Care [‡]	
Process pH Limitations	2-10
Max. Process Temperature	131°F (55°C)
CIP pH Limitations @122°F (50°C)	1.8-11.0
Max. CIP Temperature**	122°F (50°C)

** Consult factory for detailed cleaning instructions

***No use of chlorine @ t > 122°F (50°C);

****Maximum pressure drop @ t 122°F (50°C): 10 psi (0.7 bar)