

## NF4-8038-N Product Line Sanitary Nanofiltration (NF) Element

### Physical Dimensions

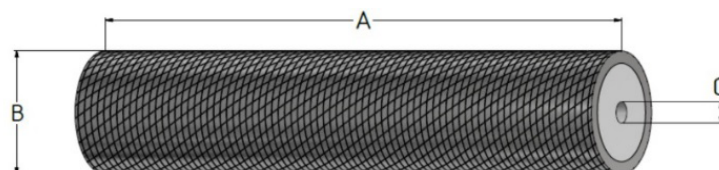
Membrane Element	Membrane Area	Element Length "A"	Element Diameter "B"	Permeate Tube ID "C"
NF4-8038-31N <sup>†</sup>	340ft <sup>2</sup> (31.59m <sup>2</sup> )	38in (965.2mm)	8.0in (203.2mm)	1.125in (28.57mm)
NF4-8038-46N	295ft <sup>2</sup> (27.41m <sup>2</sup> )	38in (965.2mm)	8.0in (203.2mm)	1.125in (28.57mm)

<sup>†</sup>(31-80) Feed spacer net thickness (mils)

### Operating Parameters<sup>‡</sup>

Feed Spacer Thickness	Max. Element ΔP	Recommended Design Cross Flow
31 Mil	15 psi (1 bar)	70 gpm (15.9 m <sup>3</sup> /h)
46 Mil	15 psi (1 bar)	80 gpm (18.2 m <sup>3</sup> /h)

<sup>‡</sup>Recommended Nominal Values



<0.1 ppm free chlorine in feed stream  
Max. 1000 ppmh chlorine resistance

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.

NF4 Membrane Care <sup>‡</sup>	
Process pH Limitations	3-10
Max. Process Temperature	122°F (50°C)
CIP pH Limitations @122°F (50°C)	2-11
Max. CIP Temperature**	122°F (50°C)

\*\* Consult factory for detailed cleaning instructions