

NF8-8040-F Product Line Nanofiltration (NF) Element

Physical Dimensions

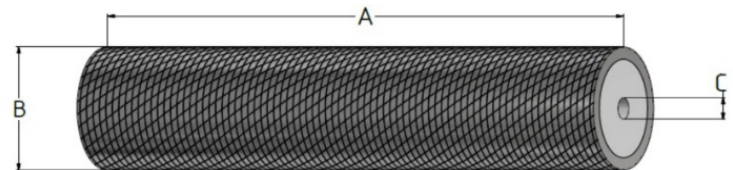
Membrane Element	Membrane Area	Element Length "A"	Element Diameter "B"	Permeate Tube ID "C"
NF8-8040-31F†	340ft ² (31.59m ²)	40in (1.016mm)	8.0in (203.2mm)	1.125in (28.57mm)
NF8-8040-46F	295ft ² (27.41m ²)	40in (1.016mm)	8.0in (203.2mm)	1.125in (28.57mm)

†(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)	70 gpm (15.9 m ³ /h)
46 Mil	15 psi (1 bar)	80 gpm (18.2 m ³ /h)

‡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.

NF8 Membrane Care [‡]	
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