



E-Coat Membrane Technology

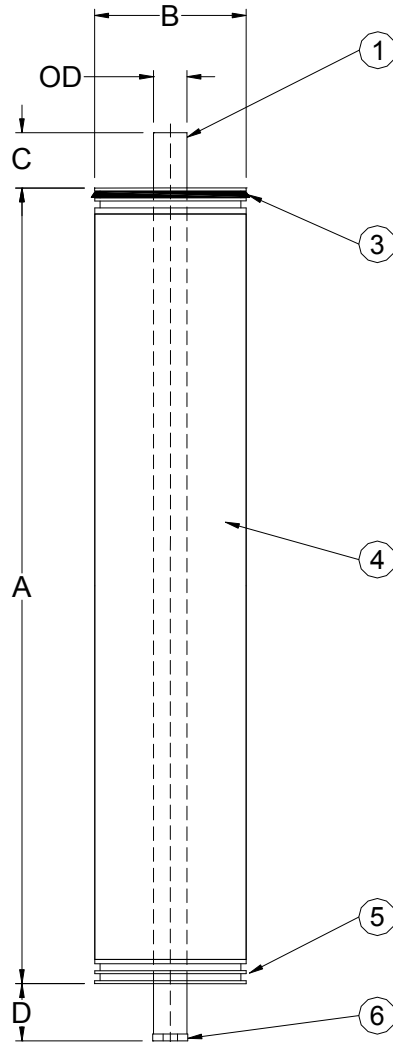
ISO-9001:2000



ULTRAFILTER ELEMENT

Anionic / Cationic E-Coat Paint

Model V62-7637HC



(Low Flow Element) KOCH 8" Spiral equivalent

Specifications

Size:	8" nominal
Outer Wrap:	FG Hard wrap with Dual End Seals
Element Design:	Spiral
Membrane:	PVDF (Modified & Bonded)
Membrane Area:	218 ft ² (20.3 m ²)
Diameter:	7.28" (184.9mm)
Overall Length:	37.00" (939.8mm)
Body Length:	33.00" (838.2mm)
Weight:	38 +/- 1.0 lb (17.2 +/- .5 kg)
Housing Model:	NA – includes two 8" flange gaskets

Permeate Capacities

Paint Type	Anionic	Cationic
Permeate output Steady State GPM (LPM)	3.36 (12.7) +/- 10%	2.09 (7.9) +/- 10%

Optimal Design Parameters

Feed Rate:	70 GPM (265 LPM)	Element Performance may be affected by variances in operating parameters and feed chemistry. Final flow rates are based on feed tank chemistry to be verified by EMT.
Element Inlet PSI:	50 PSIG (345 KPA)	
Pressure Drop:	30 PSIG (207 KPA)	

Element Limits

PH Range:	1-11
Feed Rate:	60 / 80 GPM (227 / 303 LPM)
Inlet Pressure:	45 / 75 PSIG (310 / 517 KPA)
Pressure Drop:	25 / 35 PSIG (172 / 241 KPA)
Operation Temp:	120 Degrees Fahrenheit (48 °C)

Date: 7-14-06

Revised by: JL

Revision: 060714

Item #	Description
1	Permeate Tube
2	NA
3	ATD with Seals* (Seal PN: 8-2222)
4	Membrane Body with Hard Shell
5	ATD
6	Plugged End
Dimensions	
A	33.00" (838.2mm)
B	7.45" (189.2mm)
C	2.00" (50.8mm)
D	2.00" (50.8mm)
OD	1.66" (42.2mm)

- (2) Seals for Systems w/ reverse flow-cleaning capabilities

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