ABCOR® - SPIRAL MEMBRANE: S8-HFM-183-LPF

Spiral Ultrafiltration Module for Cathodic Electrocoat Paint

PRODUCT DESCRIPTION

KMS Part Number:	0700772
Membrane Chemistry:	PVDF
Membrane Type:	HFM (Positive Charge)
Membrane Area:	230 ft^2 (21.37m^2)
Construction:	Spiral wound element with hard overwrap and flanged seal
Seal:	Rubber Gasket
Feed Spacer Thickness:	0.030" (1.18 mm)

RECOMMENDED OPERATING LIMITS

Maximum Inlet Pressure:	80 psi @ 125°F (5.5 bar @ 52°C)
Minimum Outlet Pressure:	15 psi (1 bar)
Maximum operating temperature:	125°F (52°C)
Allowable pH – continuous operation:	2 – 10 @ 125°F (52°C)
Allowable pH – short term cleaning:	1.5 – 10.5 @ 125°F (52°C)
Maximum Feed Side Pressure Drop:	30 psi @ 125°F (2.07 bar @ 52°C)
Maximum Permeate Pressure:	5 psi (0.3 bar)

PRODUCT DIMENSIONS

Nominal Outside Diameter inches (mm)	Nominal Length inches (mm)	Permeate Tube Outside Diameter inches (mm)
7.49(190)	39.3(998)	1.660(42.2)

MEMBRANE INCOMPATIBILITY[1]

Aprotic Solvent (e.g., Dimethyl Formamide, Dimethyl Acetamide, N-Methyl Pyrolidine, etc.)
Chlorinated Solvents (e.g., Methylene Chloride, Chloroform, Carbon Tetrachloride, etc.)
Ketones (e.g., Acetone, Diacetone Alcohol, etc.)
Silicones or Silicone based Defoamers (e.g., Siloxane)

SERVICE AND ONGOING TECHNICAL SUPPORT

Koch Membrane Systems, Inc. has an experienced staff of professionals available to assist end-users and OEMs for optimization of existing systems and support the development of new applications. Along with the availability of supplemental technical bulletins, Koch Membrane Systems, Inc. also offers a complete line of KOCHKLEEN® cleaning chemicals.

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[1] Prior to exposing the membrane to any chemical, the chemical should be reviewed by Koch Membrane Systems. Aside from the listed chemicals, synthetic coolants, semi-synthetic coolants, kerosenes, naphtha, gasoline, floc polymers may affect membrane performance.

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