8” “Drop In” Spiral Element: 7640-M183-LPHN

E-Coat Ultrafiltration Spiral Element

<table>
<thead>
<tr>
<th>PRODUCT DESCRIPTION</th>
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<tbody>
<tr>
<td>KSS Part Number:</td>
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<tr>
<td>Membrane Chemistry:</td>
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<tr>
<td>Membrane Type:</td>
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<tr>
<td>Membrane Area:</td>
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<tr>
<td>Construction:</td>
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<tr>
<td>Seal:</td>
</tr>
<tr>
<td>Feed Spacer Thickness:</td>
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</tbody>
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<table>
<thead>
<tr>
<th>OPERATING AND DESIGN INFORMATION*</th>
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<tbody>
<tr>
<td>Maximum Inlet Pressure:</td>
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<tr>
<td>Minimum Outlet Pressure:</td>
</tr>
<tr>
<td>Maximum Operating Temperature:</td>
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<tr>
<td>Allowable pH – Continuous Operation:</td>
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<tr>
<td>Allowable pH – Short Term Cleaning:</td>
</tr>
<tr>
<td>Maximum Feed Side Pressure Drop:</td>
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<tr>
<td>Maximum Permeate Pressure:</td>
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*Consult KSS Process Technology Group for specific information.

<table>
<thead>
<tr>
<th>NOMINAL DIMENSIONS</th>
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<thead>
<tr>
<th>Model</th>
<th>Part Number</th>
<th>A (mm)</th>
<th>B (mm)</th>
<th>C (mm)</th>
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</thead>
<tbody>
<tr>
<td>7640-M183-LPHN</td>
<td>0750769</td>
<td>40 (1016)</td>
<td>7.28 (185)</td>
<td>1.29 (32.8)</td>
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</tbody>
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*Element diameter with brine seal is 7.6 to 7.7 inches, depending on the type of brine seal used.
Membrane Incompatibility
Prior to exposing the membrane to any chemical, the chemical should be reviewed by Koch Separation Solutions. Aside from the listed chemicals below, synthetic coolants, semi-synthetic coolants, kerosenes, naphtha, gasoline, floc polymers may affect membrane performance.

Chemicals that should be avoided include the following:
- **Aprotic Solvent** (e.g., Dimethyl Formamide, Dimethyl Acetamide, N-Methyl Pyrrolidine, 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 Separation Solutions, 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 Separation Solutions, Inc. also offers a complete line of KOCHKLEEN® cleaning chemicals.