**Specifications**

**Bag Color:**
- White
  (High Temp Option is White with Red Lining)

**Filtration Media Material of Construction:**
- Polypropylene with MYCELX Proprietary Chemistry

**Mesh Bag Material of Construction:**
- Polyester

**Raw/Untreated Filter Micron Size (µm):** 50

**Max Operating Temperature:**
- 140°F (60°C)

**Min Operating Pressure Required:**
- 1 psi

**Operating pH Range:**
- 3 - 11

**Typical Flow Capacities of SN:**
- 20 - 10,000 gpm

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**SN PART NUMBER CONFIGURATOR**

**MYCELX Treated Filter Type**
- 2.5
  (Only available)
  (Leave blank for 1” Option)

**Snippet Length (Inches)**
- 1012 = 10” x 12”
- 2024 = 20” x 24”

**Snippet Bag Dimensions**
- 1012-HT = 10” x 12” High
- 2024 = 20” x 24”

**Temperature Option**
- HT = High Temp
  (Only available)
- Regular (Leave blank for regular)

**Part Number Examples:**
- SN1012 (SN 1” High, 12” x 12” Mesh Bag)
- SN2.5 2024 (SN 2.5” High, 20” x 24” Mesh Bag)
- SN1012-HT (SN 1” High, 12” x 12” Mesh Bag, High Temperature)
### Operational Characteristics MYCELX SN Media Bags

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mechanism of oil removal</td>
<td>Instant, permanent and complete oil removal upon contact. True and broad phase affinity. No desorption. Required contact time for oil removal: &lt; 1 sec</td>
</tr>
<tr>
<td>Robustness to handle varying oil loading</td>
<td>Effectively handles high to low oil loading even in the presence of high solids</td>
</tr>
<tr>
<td>Oil removal capacity to greater than 90% removal to 50 microns oil droplet sizes</td>
<td>4-10 lbs/lb of MYCELX media</td>
</tr>
<tr>
<td>Ability to handle mixed oily water streams</td>
<td>Yes. Instant and permanent removal</td>
</tr>
<tr>
<td>Oil removal effectiveness</td>
<td>&gt;90% oil removal efficiency to 50 microns oil droplet sizes</td>
</tr>
<tr>
<td>Fouling tendency with heavy oil and solid loading</td>
<td>No. Continually extracts oil in the presence of solids without fouling</td>
</tr>
</tbody>
</table>

### Key Benefits

- High capacity gross oil and solids removal from water with permanent immobilization of oil in media.
- Does not build pressure drop even upon complete saturation with oil and solids, i.e., it does not foul or clog.
- Offers robust gross oil and solids fouling protection to pleated/depth particle filters MYCELX oil removal cartridges and backwashable media filters. Delivered as dry media – no chemicals or liquid.
- Deployed as storm water drain inserts as oil sheen removal systems with 90%+ efficiency. The media is delivered in mesh bags (3mm mesh) or in standard P2 style bag filters for ease of handling and maintenance.
- Spent oily media holds very little water; therefore, saturated cartridge has high BTU residual fuel value due to high oil content and very low water content.