PowerGuard® with Poroplate® Under Drains

Graver's solution to problematic wedge wire is PowerGuard® with Poroplate®. We recommend using this laminated stainless steel mesh with high void volume and controlled porosity in applications where high demands for separation are needed. Under drains equipped with wedge wire will give high differential pressure and a low net positive head suction for upstream pumps. Our under drain design will save time during installation and add a controlled barrier to keep your ion exchange bedded resin in place.

Features

- Absolute micron rating from 1 to 350µm
- Removal efficiency rated at 99.9%
- Lower differential pressure
- High dirt holding capacity
- Fixed pore construction eliminates dirt unloading
- Increased throughput
- Direct replacements for old OEM installed Hub and Lateral or under drain systems
UNDER DRAIN SPECIFICATIONS

<table>
<thead>
<tr>
<th>Media</th>
<th>316 STAINLESS STEEL, Multi layer, sintered, composite</th>
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</thead>
<tbody>
<tr>
<td>Weld</td>
<td>Gtaw (TIG)</td>
</tr>
<tr>
<td>End Caps</td>
<td>316 STAINLESS STEEL</td>
</tr>
<tr>
<td>Connection</td>
<td>NPT/BPT, optional QUICK CONNECT</td>
</tr>
<tr>
<td>Gaskets/O-Rings Option</td>
<td>EPDM</td>
</tr>
<tr>
<td>Micron ratings</td>
<td>1.0, 2.0, 3.0, 4.0, 5.0, 10, 25µm</td>
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<tr>
<td>Other micron rated media available upon request</td>
<td></td>
</tr>
</tbody>
</table>

DESCRIPTION: custom sized, sintered, multi layer stainless steel layers to meet process demands, for flow inside to outside or outside to inside applications

FEATURES: High strength, corrosion resistant, precise pore size distributions and fluid flow permeability, direct replacement for the OEM hardware supplies wedge wire or cloth

CONSTRUCTION: Multi-layer composites of selected wire cloths, perforated sheets permanently bonded together, all low carbon 316L stainless steel construction, engineered and manufactured in the USA

Cross Section of Poroplate® media
Poroplate® is a registered trademark of Purolator-Facet

Graver Technologies’ Worldwide Locations

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