Next-Generation Sand Control Screens

UniScreen Technology™ - High Performance and Superior Value
THE LEADER IN SAND CONTROL SCREENS

Patented UniScreen™ technology produces an entirely new kind of sand control screen that combines the base pipe, support core, filter media, and protective shroud into a single, unitized screen joint. UniScreen™ sand control screens can be produced in full-length joints. TPM or our global network of service companies can install UniScreen™ joints onto customer-supplied base pipe.

Advantages

- Strength
- Reliable Performance
- Enhanced Logistics
- Easier, More Cost-Effective
- Flexibility in Design & Production

Sintered Screen Option

UniScreen™ technology solves problems associated with sintered screens. It allows sintered screens to be produced in full tubing lengths, reducing the number of joints and cutting labor costs for assembly. The versatility of UniScreen™ technology also allows it to fit all inflow control devices (ICD).

Applications

- Oilfield Completions
- Oil Sands/SAGD
- Food Processing
- Pulp and Paper
- Water Treatment
- Backflow Filtering
- Nuclear

Support Services

TPM can provide any additional services you need, including inventory management, shipping logistics, packing and crating (including export crating), heat treating, electropolishing, coatings, and assembly of UniScreen™ joints onto base pipe.

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### UniScreen™ Dimensional Data

<table>
<thead>
<tr>
<th>Base Pipe OD</th>
<th>Base Pipe ID</th>
<th>Base Pipe Weight</th>
<th>Base Pipe Holes per Ft</th>
<th>Base Pipe Hole Size</th>
<th>Open Area of Base Pipe Holes</th>
<th>UniScreen™ Joint OD</th>
</tr>
</thead>
<tbody>
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<td>mm</td>
<td>in</td>
<td>mm</td>
<td>in</td>
<td>mm</td>
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### Through-Tubing UniScreen™ Dimensional Data

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<th>Base Pipe OD</th>
<th>Base Pipe ID</th>
<th>Base Pipe Weight</th>
<th>Base Pipe Holes per Ft</th>
<th>Base Pipe Hole Size</th>
<th>Open Area of Base Pipe Holes</th>
<th>UniScreen™ Joint OD</th>
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<tbody>
<tr>
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<td>mm</td>
<td>in</td>
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Fast Delivery
TPM has earned a reputation for meeting tight delivery schedules. Everything we do – from the equipment we use to the perforated material inventories we maintain – is geared toward generating superior-quality products with minimal lead time.

Documented Quality
TPM adheres to stringent quality assurance procedures, including 100% inspection of finished pieces. Every screen joint receives a thorough examination of ID/OD, weld integrity, straightness, and length. TPM is able to validate the micron rating in our finished product.

We will also incorporate any additional quality requirements you may have. The TPM quality assurance program is fully documented and available for your review.

Material certifications are provided for every order, with complete listings of relevant chemical and physical properties. Every order is fully traceable back to the heat number of the raw material.

Just-In-Time Supply
TPM will work with you to achieve just-in-time delivery. We often proceed based on blanket purchase orders, shipping quantities only as you need them and maintaining a sufficient inventory of your screens at our facility. We track your usage rates, communicate with you to adjust for any special needs, and replenish stock as necessary.

UniScreen™ Cartridge:

UniScreen™ joints can be supplied with base pipe for a unitized, ready-to-run sand control solution.
CUSTOM DESIGN ASSISTANCE
TPM works with you to provide the optimum sand control solution. If your application requires unique product features, we can produce UniScreen™ joints based on your specifications or consult with you to develop the best product for your needs. Our versatile production process can cost-effectively make prototypes for testing prior to full-scale production.

Dependable Quality • Responsive Service • Fast Turnaround • Superior Value
Contact us for price quotes, design support, and assistance with your unique requirements.

UniScreen™ technology is protected under the following patents:
U.K. Issued Patent No. GB2391183
Norwegian Patent No. 331873
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