



AccuShroud™ Controlled Micron Rating Shrouds

Proven Reliable and Robust Sand Control



**SAND SCREEN
DIVISION**

Building with integrity™

A HIGH-STRENGTH, HIGH-FLOW SAND CONTROL SOLUTION

AccuShroud™ is a proven technology that utilizes a precisely perforated shroud and base pipe to create an effective mesh-free sand screen. Advanced manufacturing techniques give AccuShroud™ screens a highly controlled micron rating. Robust design enables it to maintain gauge accuracy and withstand impacts and stresses during installation. An effective alternative to wire-wrapped screens or slotted liners, AccuShroud™ screens are used in a wide range of oil and gas completions and water wells.

Advantages

- High Mechanical Strength
- Large Fluid Flow Area
- Consistent Micron Rating
- Corrosion Resistance
- Available in Any Length



Designed for Productivity

AccuShroud™ combines high strength and superior corrosion resistance for unpassed durability during installation. Because AccuShroud™ is formed from one continuous shroud, it will not shift or unwind like wire-wrapped screen, even if damaged while running downhole. Screens are available in stainless steel or corrosion-resistant alloys (CRA).

The manufacturing process stamps perforations with precise gauge control for permanent reliability. Unlike wire-wrapped screens, the gauge will not open up if mishandled or damaged in shipping or installation.

AccuShroud™ screens have open area that is greater than slotted liners and equal to or greater than wire-wrapped screens. They provide an optimum balance of sand retention and fluid production, maximizing your profits.

Configurations

AccuShroud™ Slip-On: combines the strength and corrosion resistance of AccuShroud™ screens in a slip-on shroud which is welded in place on base pipe.

AccuShroud™ Direct-Wrap: An innovative manufacturing method attaches AccuShroud™ to the base pipe, providing the strength to withstand high loads in shear, compaction and torque. Forming AccuShroud™ directly on the base pipe creates a smaller OD for easier maneuverability and improves corrosion resistance for unsurpassed durability during installation.

AccuShroud™ Dimensional Data

Base Pipe OD		Base Pipe Weight		Perforations				AccuShroud™ Slip-On OD		AccuShroud™ Direct-Wrap OD	
				Size		Hole Spacing					
in	mm	lb/ft	kg/m	in	mm	holes/ft	holes/m	in	mm	in	mm
2.375	60.33	4.6	6.8	0.375	9.53	48	157	2.689	68.300	2.779	70.587
2.875	73.03	6.4	9.5	0.375	9.53	48	157	3.279	83.287	3.140	79.756
3.5	88.9	9.2	13.7	0.375	9.53	60	197	3.904	99.162	3.764	95.606
4.0	101.6	9.5	14.1	0.375	9.53	60	197	4.405	111.887	4.264	108.306
4.5	114.3	11.6	17.3	0.375	9.53	72	236	4.904	124.562	4.764	121.006
5.0	127.0	15.0	22.3	0.375	9.53	72	236	5.405	137.287	5.264	133.706
5.5	139.7	17.0	25.3	0.375	9.53	84	276	5.904	149.962	5.764	146.406
6.625	168.28	24.0	36.7	0.375	9.53	84	276	7.029	178.537	6.889	174.981
7.0	177.8	23.0	34.2	0.375	9.53	96	315	7.405	188.087	7.264	184.506

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.

Support Services

TPM can provide any additional services you need, including inventory management, shipping logistics, packing and crating (including export crating), heat treating, electropolishing, and coatings.

TPM: Your Source for Sand Screen Solutions

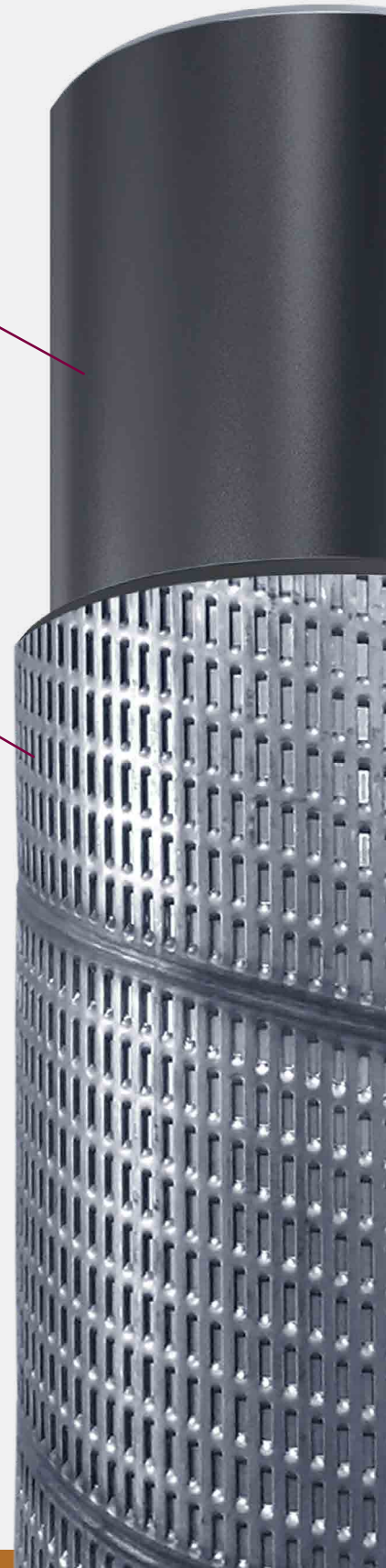
- UniScreen™ unitized screen/shroud
- OnScreen™ direct wrap
- Custom shroud & core
- UniForm™ Inflow Control Device



AccuShroud™ Technology

Base Pipe

AccuShroud™



CUSTOM DESIGN ASSISTANCE

TPM works with you to provide the optimum sand-control solution. If your application requires unique product features, we can produce AccuShroud™ 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.

AccuShroud™ technology is protected under the following patents:

U.S. Issued Patent No. 7,287,684 B2

U.K. Issued Patent No. GB2391183

Norwegian Patent No. 331873

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SAND SCREEN DIVISION

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tpmltd.com

Phone: 936.441.8660

Toll Free: 800.956.0376

Fax: 936.756.8993

Toll Free Fax: 800.956.0830

E-mail: info@tpmltd.com

PO Box 2039, Conroe, TX 77305, USA

