

OnScreen™ Sand Screens

Premium Direct-Wrap

BENEFITS OF DIRECT-WRAP, PLUS PREMIUM QUALITY

TPM OnScreen™ technology produces direct-wrap sand screens, with the filter mesh and shroud(s) manufactured directly onto perforated base pipe. This innovative process produces sand control screens with high strength and a lower profile for better maneuverability downhole.

Patented OnScreen™ technology is the only direct-wrap process that produces a premium sand screen. It offers cost-effectiveness and other advantages of wrap-on screens, plus high-quality filter mesh with precise and consistent micron ratings for superior performance and dependability in the field.

Versatile Configurations

OnScreen™ Duo: direct-wrap screens with filter mesh and an outer shroud, providing economy and performance for use in low-pressure wells.

OnScreen™ Trio: direct-wrap screens with an outer shroud, filter mesh and inner shroud for use in high-pressure wells and with inflow control devices.

Advantages

- Robust design minimizes risk of damage during installation
- Suitable for short-radius wellbores with sand control maintained
- Installs using conventional casing equipment
- Precise micron control with wire mesh
- Screens available in 316L stainless steel or corrosion-resistant alloys (CRA)
- Cost effective
- Available in any length
- Patented technology

Support Services

TPM provides any additional services you need, including inventory management, shipping logistics, packing and crating (including export crating), heat treating, electropolishing, and coatings. Contact TPM for assistance with your applications.



OnScreen™ Dimensional Data

Base Pipe OD		Base Pipe Weight		Perforations				OnScreen™ Duo OD		OnScreen™ Trio 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	2.62	66.54	2.82	71.63
2.875	73.03	6.4	9.5	0.375	9.53	48	157	3.12	79.24	3.32	84.33
3.5	88.9	9.2	13.7	0.375	9.53	60	197	3.72	94.48	3.94	100.1
4.0	101.6	9.5	14.1	0.375	9.53	60	197	4.24	107.7	4.44	112.8
4.5	114.3	11.6	17.3	0.375	9.53	72	236	4.74	120.4	4.94	125.48
5.0	127.0	15.0	22.3	0.375	9.53	72	236	5.24	133.1	5.44	138.18
5.5	139.7	17.0	25.3	0.375	9.53	84	276	5.74	145.8	5.94	150.88
6.625	168.28	24.0	36.7	0.375	9.53	84	276	6.87	174.5	7.07	179.58
7.0	177.8	23.0	34.2	0.375	9.53	96	315	7.24	183.9	7.44	188.98

Applications

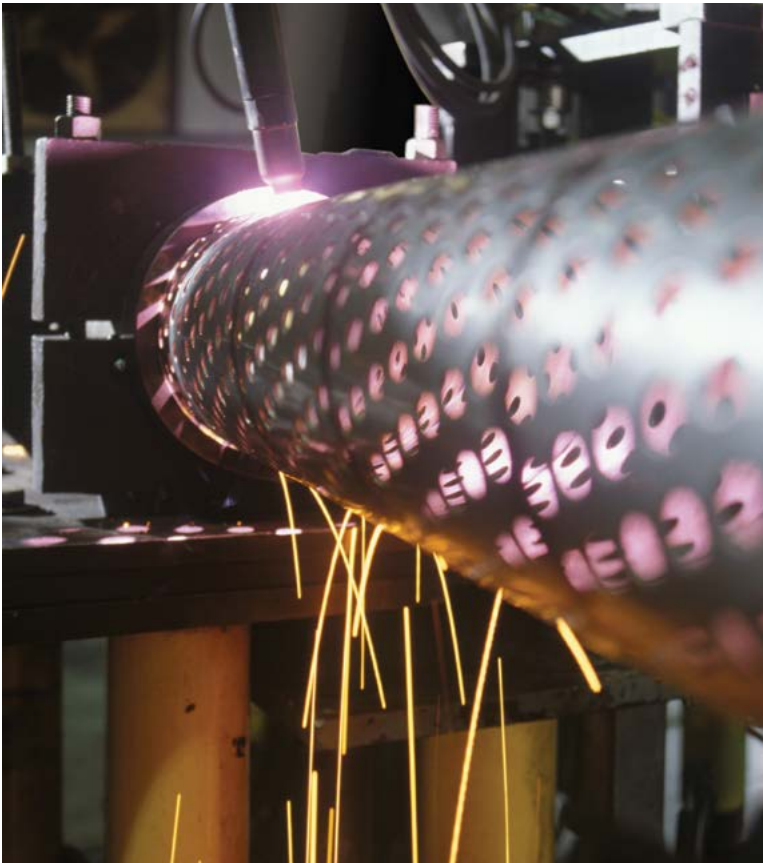
- Open hole and cased-hole completions
- Vertical, deviated and horizontal completions of oil, gas and injector wells
- Stand-alone completions
- Gravel-pack and frac-pack completions
- Completions that use Alternate Path gravel-pack shunt tube technologies
- Long and extreme-reservoir-contact wells
- Wells with severe downhole conditions
- Installations with inflow or injection control devices
- High-rate-gas environments

Direct-Wrap With Quality

TPM adheres to stringent quality assurance procedures, including 100% inspection of finished pieces. Every OnScreen™ 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.

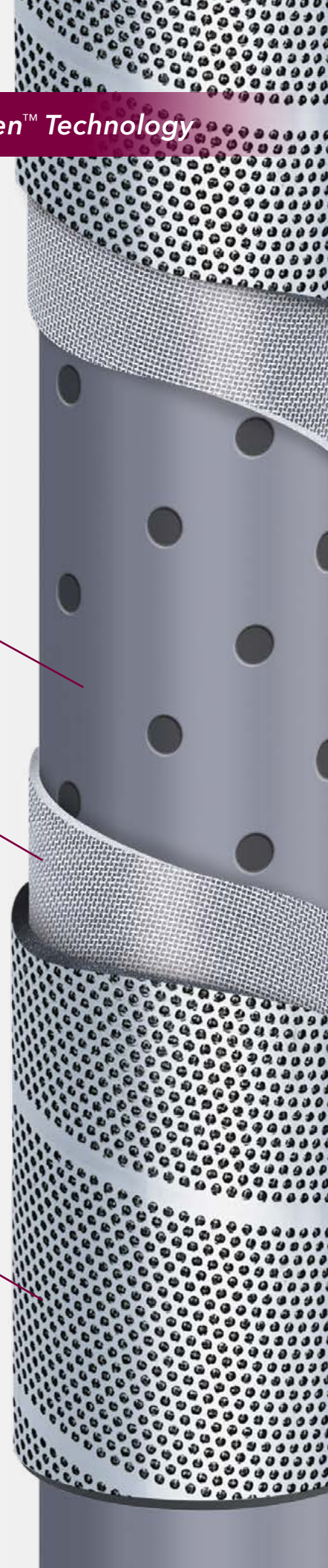


OnScreen™ Technology

Base Pipe

Mesh

Outer Shroud



UNISCREEN™ SAND SCREENS

Patented Unitized Technology

INNERSHIELD™ SAND SCREENS

Extreme Erosion Resistance

ONSCREEN™ SAND SCREENS

Premium Direct-Wrap

ACCUSHROUD™ SAND SCREENS

Controlled Micron Ratings

CUSTOM SPIRAL-WELDED SHROUDS & CORES

Versatile, High-Quality Manufacturing

CUSTOM DESIGN ASSISTANCE

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

OnScreen™ technology is protected under the following:

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

U.K. Issued Patent No. GB2391183

Norwegian Patent No. 331873

Gulf Cooperation Council Patent Application No. 2018/35953, 62554166 and 62554169

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