



Custom, Spiral-Welded Shrouds & Cores

Where Technology, Precision and Value Come Together



THE LEADER IN CUSTOM, SPIRAL-WELDED SHROUDS & CORES

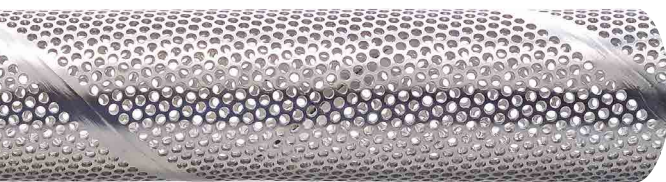
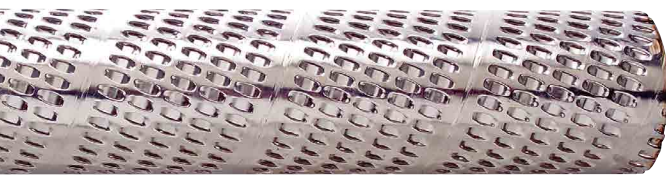
For more than 15 years, TPM perforated tubing has excelled in the most demanding applications worldwide. Our production methods ensure consistent quality, while our service-oriented approach delivers the technical support and responsiveness for your most critical operations.

Proprietary Manufacturing Technology

Our production methods easily accommodate product features such as dimples, louvers, and tight restrictions that challenge other manufacturers. The versatility of our procedures and equipment enable us to adapt to your special requirements, optimize production speeds, and improve cost-effectiveness for you. The TPM manufacturing process includes custom-designed mills incorporating spiral welding – a more demanding, but superior-quality technique.

Spiral Welding Advantages

- Flexibility in handling a wide variety of designs/configurations
- High strength
- Greater rigidity at reduced wall thicknesses
- Ability to produce large-OD tubes
- Unlimited tube lengths
- Production efficiency in short runs



Production Capabilities

Dimensions

- Diameters: .625 in. OD (15.875 mm) to 15 in. OD (381 mm)
- Wall Thicknesses: .025 in. (.635 mm) to .1875 in. (4.763 mm)
- Lengths: Custom lengths, plus stock lengths from 2.5 in. (63.5 mm) to 38 feet (11.582 m)

Materials

- Stainless steel and mild carbon steel
- Titanium, nickel, HASTELLOY® and other exotic alloys

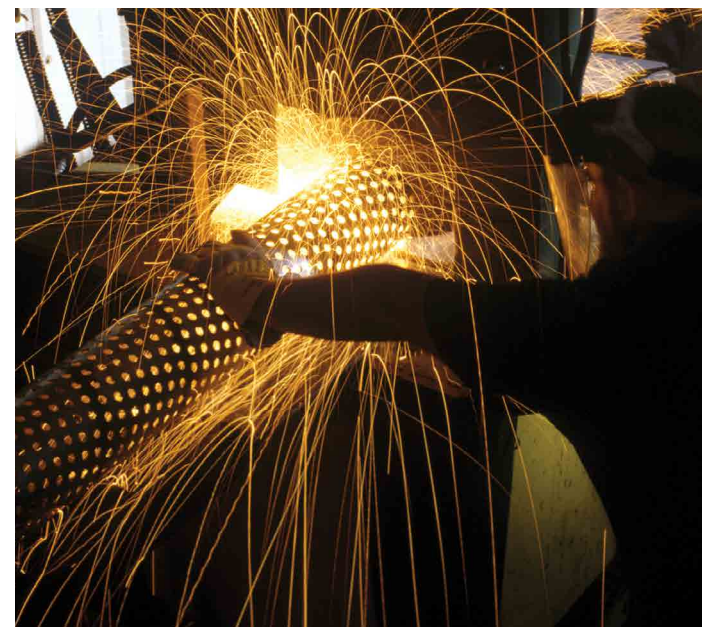
Perforation Patterns

- Custom hole shapes, sizes, and patterns to suit any open-area requirement
- Inventory of standard staggered and in-line patterns

Support Services

TPM can manage all aspects of production and coordinate any additional services you need:

- Design
- Component assembly
- Inventory management
- Shipping logistics
- Packing and crating (including export crating)
- Heat treating
- Electropolishing
- Coatings



TPM ADVANTAGES

Proven in Multiple Industries

TPM is the leader in oilfield perforated tubing. In an industry where turnaround times are short, product specifications are demanding, and downhole conditions are rugged, TPM tubing is the preferred solution.

TPM perforated tubing products are also used in water treatment, food processing, nuclear energy, and pulp and paper industries. Our tubes are commonly used for support cores and protective shrouds for filters and strainers.

Value EngineeringSM

At TPM, every project begins with a thorough pre-production analysis called Value Engineering. We start with your requirements – material, gauge, hole pattern, open area, and other specifications. Then we scrutinize each phase of production, searching for ways to enhance manufacturing efficiency and reduce your costs.

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 as quickly as possible.

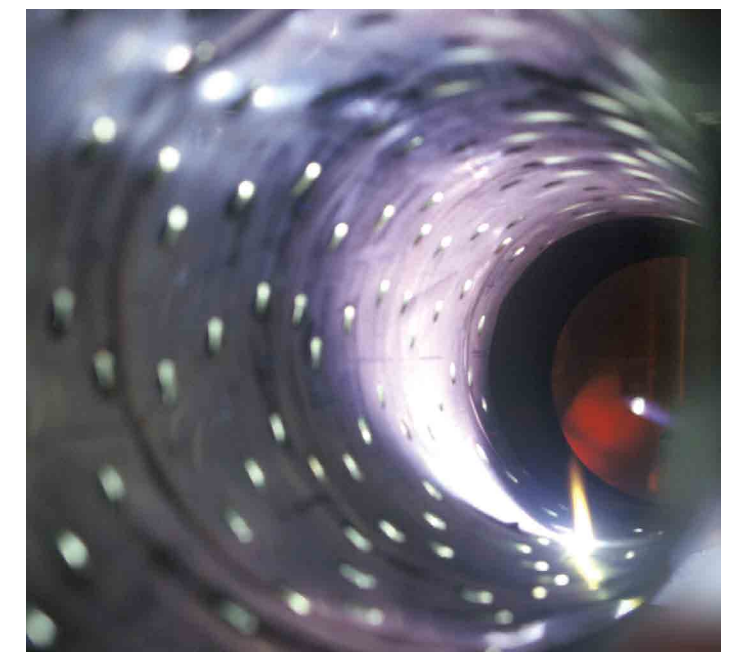
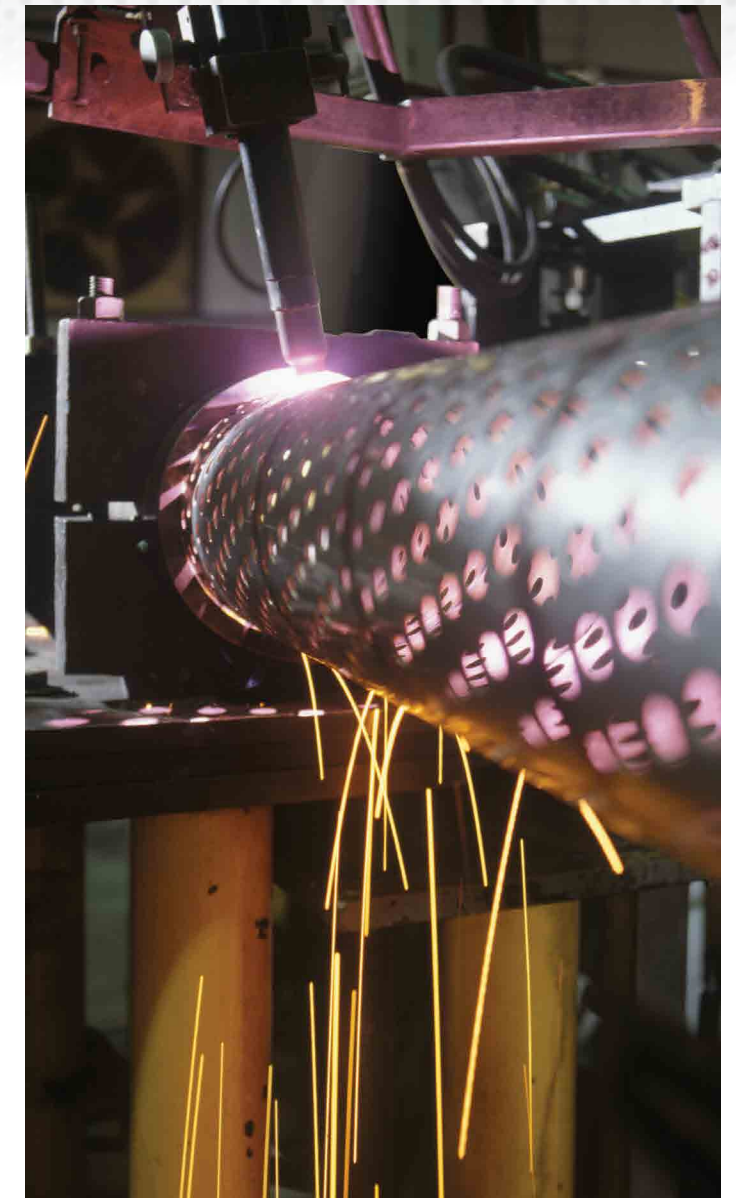
Documented Quality

TPM adheres to stringent quality assurance procedures, including 100% inspection of finished pieces. Every tube receives a thorough examination of ID/OD, weld integrity, straightness, and tube length. 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 for your perforated tubes. We often proceed based on blanket purchase orders, shipping quantities only as you need them, and maintaining a sufficient inventory of your tubes at our facility. We track your usage rates, communicate with you to adjust for any special needs, and replenish stock as necessary.



CUSTOM DESIGN ASSISTANCE

TPM works with you to develop new tubing products and refine existing designs. We can make short-length runs of prototypes for testing before we begin full-scale production.

If you have well-defined product specifications, we will use them to plan the most cost-effective, efficient way to manufacture your tubing. If you are unsure about the best design for your application, we provide all the assistance you need to specify and produce a finished product.

Dependable Quality • Responsive Service • Fast Turnaround • Superior Value

Contact us for price quotes, design support, and assistance with your unique requirements.

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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