

CUSTOM METAL TUBING

For Complex Industrial & Aerospace Applications

Viant delivers precision-engineered custom metal tubing solutions with best-in-class wall thickness that optimize designs, reduce risk, and meet the most demanding requirements across a breadth of applications. We partner engineer-to-engineer to translate design intent into clear specifications, controlled manufacturing, and verification that supports repeatable performance from prototype through production.



Our Solutions

SEAMLESS

Eliminates weld lines for superior strength, reliability, and performance.

COIL DRAWN

Homogenizes tubing with structural integrity equivalent to seamless.

LASER WELDED

Delivers world-class dimensional control and leading concentricity.

SHAPE TUBING

In-house tooling to draw geometric shapes with tailored dimensions while maintaining structural integrity.

Materials Expertise

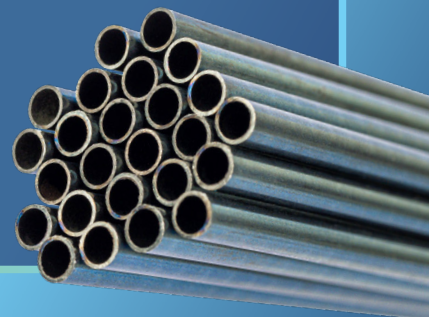
Support for material selection and processing tradeoffs to achieve target mechanical properties, surface condition, and manufacturability.

Nitinol
Stainless Steel
Cobalt-Based Alloys

Titanium Alloys
Refractories

Key Applications

Aerospace
Defense
Marine
Oil and Gas



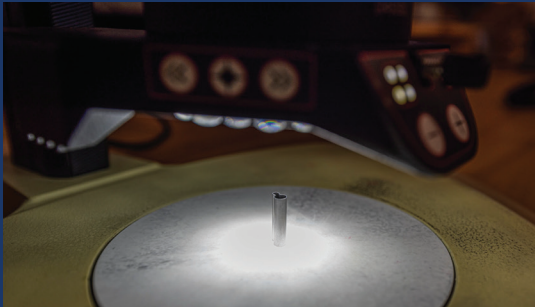
Tubing Center of Excellence

Viant Collegeville provides tubing expertise and infrastructure to support development through production with repeatable results and verification.

- AS 9100 and ITAR Certified
- Fully equipped lab with advanced inspection methods
- In-house metrology / metallurgy expertise to verify tubing meets defined specifications
- Prototype tubes delivered in as little as 4 weeks
- 85+ years of manufacturing experience



Collegeville, PA



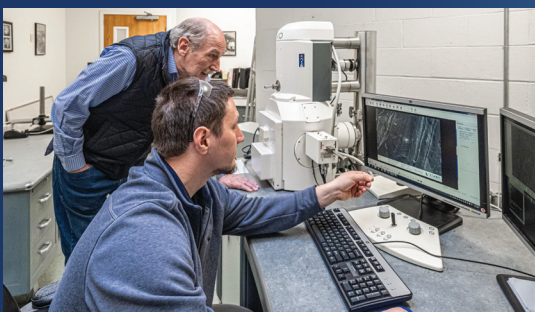
DFM & Specification Alignment

Early collaboration to align requirements, materials, and manufacturability—supporting faster decisions and reduced downstream risk.



Build-To-Print Manufacturing Control

Precision process design and in-house die making, with measurement and control charting to support repeatable output.



Proven Characterization

Dimensional and metallurgical evaluation supported by metrology expertise—backing performance and consistency with objective data.

Ready to discuss your next design?

Connect with a tubing expert today.
viantmedical.com/contact



viantmedical.com