

Titanium Coil Tube

At Baoji Zecheng Metal Materials Co., Ltd., we specialize in the production of high-quality titanium coil tubes made using advanced coiling techniques. These tubes are designed to form compact spiral or coiled shapes, providing exceptional adaptability in limited spaces. With their ability to bypass obstacles and navigate complex pipeline layouts, our titanium coil pipes are the ideal solution for industries requiring flexibility and durability.

We offer full customization on length, diameter, and wall thickness to meet your specific requirements. Our titanium coil pipes are widely used in a variety of applications, including chemical reactors, heat exchangers, cooling systems, desalination equipment, and offshore oil platforms.

Key Specifications

- Materials Available: Gr.1, Gr.2, Gr.5, Gr.7, Gr.9, Gr.12
- Standards: ASTM B337, ASTM B338, ASTM B861, ASTM B862, and more
- Sizes Available:
- Diameter: 10mm – 150mm
- Wall Thickness: 0.5mm – 10mm
- Customizable lengths, diameters, and wall thicknesses based on your requirements
- Condition: Annealed
- Surface Treatment: Available upon request, including mechanical polishing, acid pickling, sandblasting, etc.
- Coiling Forms: Spiral, serpentine, sawtooth, rectangular, and custom shapes

Common Types of Titanium Coil Tubes

Type

Photos

Description

Helical Coil Tube



The most common form, used in flexible piping systems or confined spaces.

Type	Photos	Description
Trombone Coil Tube		Flat, back-and-forth bending for covering large areas.
Tapered Spiral Coil		Designed for applications where fluid flow demand gradually changes.
U-Bend Coil		Simple structure, easy to install and maintain.

Quality Control & Testing

At Zecheng Metal, we adhere to the highest standards of manufacturing quality, following the ISO 9001 and AS9100 quality management systems.

- **Dimensional Inspection:** All processes are precisely monitored to ensure our titanium coil pipes meet the required tolerances.
- **Non-Destructive Testing:** We provide advanced testing options such as eddy current testing, hydrostatic and pneumatic pressure tests to guarantee the integrity and pressure-bearing capacity of our tubes.
- **Final Inspection:** Each product undergoes a strict final inspection before shipment to ensure it meets the required specifications.
- **Documentation:** Full material certificates and inspection reports are provided with each shipment.

Next Steps? Get Your Custom Solution Today!

Ready to get started? Share your product specifications (such as material grade, standards, quantity, and dimensional drawings), and our expert team will provide you with the best solution and a competitive quote. Contact us now to begin your order.