GOOLEE HIGH PRECISION TUBING SOLUTIONS FOR DEMANDING APPLICATION









GOOLEE TUBES



OVERVIEW

Medical equipment

Marine engineering

Nuclear Power Station

Desalination

Navigation

Petrochemical heat-exchanger

Aeronautics and Space

GOOLEE High Precision Tubes for Demanding Lines







Specializing in the Production of Tube excellence

With over 15 years of engineering expertise in supplying high precision tubes, GOOLEE Tubes work closely with customers worldwide, developing high specification tubing solutions to help them solve their technical challenges. We manufacture high performance tubes for supercritical applications in an ever expanding range of nickel, titanium and zirconium alloys.



ALLOY

Nickel

36% Ni-Fe, 42% Ni-Fe, 59, 75, 188, 200, 201, 211, 263, 29-17 (Kovar), Monel 400, 600, 625, 690, 718,800-H-HT, 825, C22, C276, C902, HX, K500, L605, MP35N™, X750, Waspaloy™

Titanium

Ti CP (Grade 1 and Grade 2), Ti 3Al-2.5V (Grade 9), Ti 6Al-4V (Grade 5), Ti 6Al-4V ELI (grade 23), Ti A-40

Zirconium

Zircaloy 2, Zircaloy 4

SIZE RANGE



Seamless, welded or welded and redrawn with outside diameters from 0.25 mm (0.010 in) up to 200mm (7.87 in).



Straight lengths up to 20 m (65 ft) and coils up to 10,000 m (33,000 ft) with orbital joints.



Profiles include round, rectangular, square, oval and elliptical.



Wall thicknesses from less than 0.05 mm (0.002 in) up to 10 mm (0.39 in).

GOONOO GROUP®







GOOLEE TUBES









GOOLEE Tubing Solutions

Petrochemical heat-exchanger

For the most challenging subsea and downhole conditions including seawater, high temperature and sour oil well environments we use materials such

as titanium and nickel alloys for our tubing. Seamless tubes are mainly used for hydraulic and instrumentation applications, in onshore control panels, topside processing facilities, on subsea manifolds and templates. Applications for seam welded & redrawn tubes are umbilicals, subsea control lines and chemical injection tubes.

Nuclear Power Station

As long established suppliers to the nuclear industry, our core products include specialised manufacturing precision tubes in zirconium alloys for fuel cans, in nickel alloys for heat exchangers and in titanium alloys for the fabrication of condensers.

Our control and instrumentation tubes are widely used within the AGR, PWR, CANDU and PHWR. For the conventional and solar power industry we also supply specialist heat exchanger tubing.

Aeronautics and Space

We develop high strength tubing for aircraft engines and airframes in today's leading military and civil aircraft programmes. This includes tubing for hydraulic and pneumatic control systems, torque control rods, transmission, landing gear and instrumentation. Our

materials such as titanium 3AI-2.5V, titanium 6AI-4V and Ti CP offer excellent strength/weight ratios for 3,000 or 5,000 psi systems. We also specialise in high temperature nickel alloys and stainless steel grades such as 21-6-9.

Besides our AS9100 approved quality system, we have NADCAP certification on heat treatment, nondestructive testing and fusion welding.

Medical equipment

Medical tubes are used in critical cardiovascular and trauma procedures. Our process capability delivers precise control of tube dimensions. We supply high specification tubing for heart valves, trauma and orthopaedic implants.

surgical instruments, catheters, stents and orthodontic applications. Materials include a range of titanium alloys along with conventional or vacuum melt etc.

Desalination

High quality tubes in the desalination industry are used in a variety of applications, condenser tubes, shell and tube heat exchangers, paper production and acetic acid alloy plants. Typical materials include welded and seamless titanium tube ASTM B338 Gr.1.2 etc.

PRODUCTION FACILITIES:

- Pilger mills
- Multi-roll rolling mills
- Draw benches
- . Tube welding mills In-line weld mills
- Controlled atmosphere heat treatment
- Bright annealing/hydrogen furnace
- Vacuum annealing
- Pickling & passivation plant.
- NDT ultrasonic & eddy current testing
- Hydrostatic testing
- Radiographic examination
- Electropolishing capabilities
- Full chemical and physical laboratory analysis

GOOLEE High Precision Tubes for Demanding Lines







GLOBAL PRESENCE

Through the partnership between SHANGHAIbased GOOLEE Tubes and BAOJI-based GOONOO GROUP, both companies can offer increased capabilities, leading to significantly reduced lead times, an extended product portfolio, increased global reach and outstanding customer service.

Our tubing experts deliver high precision tubing to customers in over 41 countries worldwide. In addition to tube mills in the TITANIUM CITY BAOJI and the Shanghai, we have sold to Germany, France, India and the United States, as well as an extensive network of partners in Asia, Europe and the Middle East etc.

GOOLEE Tubes and GOONOO GROUP are collectively a unit of GOONOO CO., LTD. a leading global manufacturer of Special Metal Lines.







GOOLEE TUBES ™

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