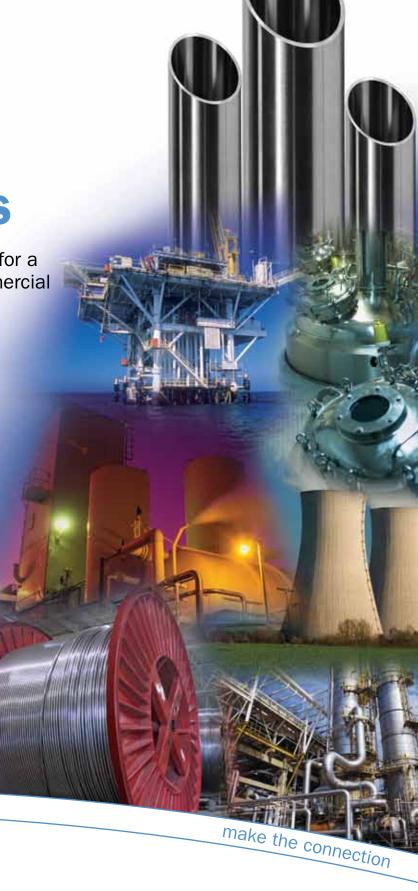


RathGibson has set the standard for a wide range of industrial and commercial applications by:

- Manufacturing from the finest quality material
- Maintaining award-winning technical support and service
- Manufacturing outstanding welded, welded and drawn, and seamless stainless steel and nickel tubing in straight lengths and coil
- Servicing a diverse group of industries:
  - Chemical Process
  - Petrochemical
  - Oil and Gas
  - Power Generation

ISO 9001:2008
REGISTERED
PED 97/23/EC





# **Industries Trust RathGibson**

A variety of companies trust RathGibson's tubing. Our internal specifications meet and often exceed the requirements set forth by ASTM and ASME standards.

Mechanical Testing (as per RathGibson standards and ASTM/ASME A213/SA213, A249/SA249, A269, and A312/SA312).

- Reverse Bend
- Flattening
- Flare
- Flange
- Eddy Current
- Hydrostatic\*
- Air Under Water\*
- \* Tests upon request

#### **Annealing:**

Bright annealed and rapidly quenched per material and specification requirements.

#### Finishes:

Tubing is supplied with a bright annealed finish. Each tube is marked with size, wall thickness, ASTM/ASME specifications, alloy, heat number, and RathGibson's mill operator's initials for complete traceability.

# RathGibson Tubing Alloys that Meet ASTM/ASME A213/SA213, A249/SA249, A269, and A312/SA312 Specifications

Welded	Welded & Drawn	Seamless
Alloy Welded A/SA249 A269	A/SA249 A/SA312	A/SA213 A269
Yes		Yes
Yes	Yes	Yes
Yes	Yes	Yes
Yes	Yes	Yes
Yes	Yes*	<u> </u>
Yes	Yes*	_
Yes	Yes	Yes
Yes	Yes	<del>_</del>
Yes	Yes	_
	A269 A/SA312 Yes	A/SA249       A/SA249         A269       A/SA312         A/SA312       Yes         Yes       Yes         Yes       Yes         Yes       Yes         Yes       Yes*         Yes       Yes*         Yes       Yes         Yes       Yes         Yes       Yes

\*except A269

### **Tubing Size Range**

Property	Minimum	Maximum
Outer Diameter (OD), in (mm)	0.0625 (1.59)	4 (101.6)
Wall Thickness, in (mm)	0.010 (0.25)	0.225 (5.7)
Straight Lengths, ft (m)	Up to 90 (27)	
Coil Sizes, ft (km)	Up to 80,000 (24)	

### **Other Alloys Available**

#### **Stainless Steels:**

- 321/321H
- 347/347H

## **Duplex Stainless Steels:**

- Duplex 2205
- Lean Duplex 19D
- Lean Duplex 2003
- Lean Duplex 2101
- Lean Duplex 2304
- Super Duplex 100
- Super Bupiex 100
- Super Duplex 2507

#### **Nickel Alloys:**

- **2**0
- 200/201
- **276**
- **400**
- **600**
- **2**2
- **625**
- **686**
- **59**

#### **Super Austenitic Stainless Steels:**

- 6-Moly 6XN
- 6-Moly 254
- **825**
- ■800/800H
- N08811

## Ferritic Stainless Steels:

- **439**
- **29-4**C

The information herein was correct at the time of publication and is subject to change without notice. © RathGibson, LLC 2011

make the connection

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