



Aurora Alloys and Stainless

Line card of products and services

Aurora Stainless and Alloys, LLC

PO BOX 2019 - 3800 May Road

Duluth, Georgia 30097

770.817.9520

jamie@auroraalloys.com

www.auroraalloys.com

Aluminum Coil and Sheet

3003-H14, 5052-H32, 6061-T6 Mill Finish

Thickness: .025" ~ .250"

Widths: 36", 48", 60"

Lengths: 96", 120", 144"

Specs: ASTM B209 - AMS/QQA 250

Aluminum Heat Treated Plate

6061-T651 Mill Finish

Thickness: .250" thru 6" Widths: 48.500"

Lengths: 144.500"

Specs: ASTM - AMS/QQA 4027

Aluminum Plate

5052-H32 Mill Finish

Thickness: .375" and .500" Widths: 48" & 60"

Lengths: 96", 120", 144", 240"

Specs: ASTM - AMS/QQA 250

Aluminum Diamond Tread Coil and Plate

3003-H22 Brite Finish

Thickness: .056" thru .250" Widths: 48", 60"

Lengths: 96, 120", 192"

6061-T6 Mill Finish

Thickness: .125" thru .500" Widths: 48", 60"

Lengths: 96", 192"

Specs: AMS/QQA 250

Nickel and Stainless Steel Coil/Sheet

304, 304L, 316L, 430, and 2205

200, 400, 600, 601, 625, 800H/HT, 825, 20, C276

Thickness: 7 to 26 Gauge

Finish: HR, 2B, #4, #8, BA

Widths: 36", 48", 60", 72"

Lengths: 96", 120", 144"

Specs: ASTM - ASME

Nickel and Stainless Plate

In grades: 303, 304L, 309S, 310S, 316L,

317L, 321H, 347H, 410S, 17-4PH,

UNS N08367, 2202, 2205, 2304, 2507

200, 400, 600, 601, 625, 800H/HT, 825, 20, C276

Thickness: .188" thru 4" Finish: HR, CR

Widths: 48", 60", 72", 96", 120"

Lengths: 96", 120", 144", 240", 300"

Specs: ASTM - ASME

Stainless Diamond Plate

In grades: 304L, 316L Finish: HR

Thickness: .125" thru .250"

Widths: 48", 60"

Lengths: 96", 120", 144"

Specs: ASTM



Stainless Edge Conditioned bar

304L, 316L

Thickness: .125" x 8.000" ~ .500" x 8.000"

Finish: HR, 180 Grit Polish

Specs: ASTM - ASME

True Bar

Thickness: .125" to 3" Widths: .500" to 6"

303, 304/304L, 316/316L, 17-4

Specs: QQS - ASTM - ASME - AMS

Hex

.188" thru 3"

303, 304, 304/304L, 316/316L, 416

Specs: QQS - ASTM - ASME - AMS

Square CD

.188" thru 3"

303, 304, 304/304L, 316/316L

Specs: QQS - ASTM - ASME - AMS

Stainless and Nickel Round Bar

.125" thru 20" Diameter

303, 304, 304/304L, 316/316L,

416, 410, 17-4, Nickel Alloys 400 -405 - K500

Specs: QQS - ASTM - ASME - AMS

Half Round

.500", .625", .750"

Specs: QQS - ASTM



Angle

.500 to 6" Leg and from .125 to .500" Thickness

In grades 304, 304/304L, 316/316L

Specs: QQS - ASTM - ASME - AMS

Beams, Channel, and T Bar

304/304L, 316/316L

Welded Pipe

Specification: ASTM A312, ASTM A778
 Grade: 304/L, 316/L
 Size: 1/4" Thru 24"
 Schedule: 5s, 10s, 20, 40s, 80s

Seamless Pipe

Specification: ASTM A312
 Grade: 304/L, 304H, 316/L, 2205
 Size: 1/4" Thru 16"
 Schedule: 10s, 40s, 80s, 120,160 and XXH

Seamless Mechanical

Specification: ASTM A511
 Tubing Grade: 304/L, 316/L,
 Size: 1" Thru 10"
 Thickness : 0.188", 0.250", 0.375", 0.500", 0.625", 0.75" and 1"

Seamless Instrumental Tubing

Specification: ASTM A213/A269
 Grade: 304/L, 316/L
 Size: 1/4" Thru 1"
 Thickness: 0.028", 0.035", 0.049", 0.065", 0.083", 0.095", 0.120"

Sanitary Tubing

Specification: ASTM A270
 Grade: 304/L, 316/L
 Size: 1/2" Thru 8"
 Thickness: 0.065", 0.083", 0.109"

Welded Tubing

Specification: ASTM A249/A269
 Grade: 304/L and 316/L
 Size: 1/4" Thru 4"
 Thickness: 0.028", 0.035", 0.049", 0.065", 0.083", 0.120"

Flanges

Specification: A182
 Grade: 304/L, 316/L
 Size: 1/2" Thru 24"
 Pressure Rating: 150#, 300#, 600#, 900#, 1500# and 2500#
 Kind: Slip-On, Blind, Lap-Joint, Threaded
 Weld-Neck and Socket Weld (Sch10s, 40s and 80s)

Buttweld Fittings (welded & seamless)

Specification: A403WPW, A403WPX, A403WPS
 Size: 1/2" Thru 24"
 Schedule: Sch10s, Sch40s and Sch80s
 Kind: LR 90, SR 90, 45, Tee, Red. Tee, Caps,
 Concentric and Eccentric Reducer
 Type A and Type C Stub Ends

150# Investment Castings

Specification: A182
 Grade: 304, 316
 Size: 1/8" Thru 6"
 End Type: Threaded and Socket Weld
 Kind: 90, 45, ST. 90, Coupling, Half Coupling
 Reducing Coupling, Hex Bushing, Square and
 Hex Plug, Union, Cross, Cap, Tee

3000/6000 Forged Fittings

Specification: A182
 Grade: 304/L, 316/L
 Size: 1/4" Thru 4"
 End Type: Threaded and Socket Weld
 Kind: 90, 45, ST. 90, Coupling, Half Coupling
 Reducing Coupling, Hex Bushing, Square and
 Hex Plug, Union, Cross, Cap, Tee, O-Lets

Plate Flanges

Grade: 304, 316
 Size: 1" Thru 12"
 Kind: Pipe Slip On, Tube Slip On and Blind

Nipple TBE

Grade: 304/L, 316/L
 Size: 1/4" Thru 6"
 End Type: Threaded
 Schedule: Sch40s and Sch80s

Swage Nipple

Specification: A403 SP95
 Grade: 304/L, 316/L
 Size: 1/4" Thru 4"
 End Type: Threaded Both End, Plain Both End
 Schedule: Sch40s, Sch80s

Aluminum Flange

Specification: B247
 Grade: 6061-T6
 Size: 1/2" Thru 8"
 Pressure Rating: 150#
 Kind: Blind, Slip-On, Weld-Neck

Aluminum Buttweld

Specification: B361
 Grade: 6062-T6
 Size: 1/2" Thru 12"
 Schedule: Sch40s
 Kind: LR 90, SR 90, 45, Tee, Red. Tee, Caps, Concentric and Eccentric Reducer

Valves

Available per specifications

Toll polishing (flat bar and rounds), shearing, and slitting upon request