STAINLESS STEEL TUBING

10' & 20' STICKS

10'
- WELDED
  304 STAINLESS STEEL
  AVAILABLE SIZE:
  3/8" X 0.035" - PACK QTY: 800'
  1/4" X 0.035" - PACK QTY: 1250'

20'
- SEAMLESS & WELDED
  304 & 316 STAINLESS STEEL
  AVAILABLE SIZE:
  1/2" X 0.035" - PACK QTY: 200'
  3/8" X 0.035" - PACK QTY: 400'
  1/4" X 0.035" - PACK QTY: 800'

150' & 300' COILS

- SEAMLESS & WELDED
  304 & 316 STAINLESS STEEL
  AVAILABLE SIZE:
  1/2" X 0.035"
  3/8" X 0.035"
  1/4" X 0.035"

2,200 FT. SPOOLS

- WELDED
  304 STAINLESS STEEL
  AVAILABLE SIZE:
  3/8" X 0.035"

SPECIFICATIONS

STAINLESS STEEL WELDED TUBING:
- T304 Welded 1/4" OD x 0.035" wall annealed as per ASTM-A269
- T304 Welded 3/8" OD x 0.035" wall annealed as per ASTM-A269
- T304 Welded 1/2" OD x 0.035" wall annealed as per ASTM-A269

STAINLESS STEEL SEAMLESS TUBING:
- T304 Seamless 1/4" OD x 0.035" wall annealed conforms to ASTM-A269/A213
- T304 Seamless 3/8" OD x 0.035" wall annealed conforms to ASTM-A269
- T304 Seamless 1/2" OD x 0.035" wall annealed conforms to ASTM-A269
- T316 Seamless 1/4" OD x 0.035" wall annealed conforms to ASTM-A269/A213
- T316 Seamless 3/8" OD x 0.035" wall annealed conforms to ASTM-A269
- T316 Seamless 1/2" OD x 0.035" wall annealed conforms to ASTM-A269

PRESSURE RATINGS

<table>
<thead>
<tr>
<th>TUBE O.D. (in)</th>
<th>THICKNESS OF 0.035&quot; WORKING PRESSURE (psig)</th>
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<tbody>
<tr>
<td>1/4&quot;</td>
<td>5100</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>3300</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>2600</td>
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</table>

For Welded Tubing:
For welded and drawn tubing, a derating factor must be applied for weld integrity:
- For single-welded tubing, multiply working pressure by 0.80

Tubing is free of scratches, suitable for bending and flaring. Please contact UVI for exact material & dimensional specifications.
**Fittings & Flange Accessories**

**Hammer Unions**

- Figure 100 TtT
- Figure 200 & 206 TtT
- Figure 602 TtT
- Figure 400 TtT
- Figure 602 BW
- Figure 1002 TtT
- Figure 1002 BW
- Figure 1502 TtT
- Figure 1502 BW

**Specifications:**
- Ductile Iron Casting
- 1,000 PSI to 15,000 PSI
- FCD-45
- Size 1” to 8”

<table>
<thead>
<tr>
<th>FIG. #</th>
<th>SUB</th>
<th>NUT</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
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**Frac Tank Supplies**

- **Frac Hose Sub**
  - ASTM A536 Grade 65-45-12
  - Size: 6” & 8”

- **Weld On Male Sub**
  - ASTM A216 Grade WCB
  - Size: 6” & 8”

- **Frac Standard Nut**
  - ASTM A216 Grade WCB
  - Size: 6” & 8”

- **Air Grip Union**
  - ASTM A216 Grade WCB
  - Size: 6” & 8”

- **Threaded Blind**
  - ASTM A536 Grade 65-45-12
  - Size: 6” & 8”

- **Frac Standard Nut**
  - ASTM A216 Grade WCB
  - Size: 6” & 8”

- **Thief Hatches**
  - Round Shape
  - Size: 8”

- **Thief Hatches**
  - Oval Shape
  - Size: 8”

- **Expansion Joints**
  - Flange Carbon Steel - A105
  - Size: 2” - 12”

- **2014 DWNBN Series**
  - Class 125
  - Size: 4”, 6” & 8”

Automated Flow Control • www.automatedflowcontrol.com • 817.368.7489 Tel
Fittings & Flange Accessories

CAM & GROOVE

SPECIFICATIONS:
- Aluminum
- Gravity casting
- A-A-59325 Standards
- NBR seat material
- 50 PSI to 250 PSI
- Size 3/4" to 8"

<table>
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<tr>
<th>Type</th>
<th>Description</th>
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<tbody>
<tr>
<td>Type A</td>
<td>M Adapter × M NPT</td>
</tr>
<tr>
<td>Type B</td>
<td>F Coupler × M NPT</td>
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<tr>
<td>Type C</td>
<td>F Coupler × Hose Shank</td>
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<tr>
<td>Type D</td>
<td>F Coupler × F NPT</td>
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<tr>
<td>Type F</td>
<td>M Adapter × M NPT</td>
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<td>Type DP</td>
<td>Dust Plug Adapter</td>
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Maximum Operating Pressure (PSI)

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<th>Size</th>
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<td>125</td>
<td>100</td>
<td>75</td>
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<td>50</td>
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*At room temperature

B7 STUDS

Stud: Alloy steel
Nuts: Carbon steel
ASTM A-193 Grade B7 for studs
ASTM A-194 Grade 2H for nuts
Size: 1/2" to 2 3/4" diameter & length: 2 1/2" to 25"

SLEEVE COUPLINGS

Gasket: Rubber end
Flange: Ductile iron
Pipe: Steel
Fasteners: Carbon steel
Size: 2" to 12" steel pipe
Length: 5", 7", 12", 14", 24", & 27"

RING JOINT GASKETS

Carbon steel & SS
Type: B, RX & RX
ASME 15.20
Suitable for pipe size 1/2" to 36"

SPIRAL GASKETS

CG Type Spiral wound gasket
Outer ring: Carbon steel
Hoop: S504
Filler: Graphite
Class: 150, 300 & 600
ASTM B16.20
Size 1/2" to 24"

OIL FIELD ACCESSORIES

BIRD CONES
- Cone: SS304
- Frame: SS201
- Clamp: SS201
- Size: 4", 6", 8", 10", 12", 14" & 16"

OIL SPILL PADS
- Color: White
- Material: PP
- GSM: 150
- Size: 14-1/2" × 19"

UNIVERSAL PADS
- Color: Dark grey
- Material: PP + H.560
- GSM: 200
- Size: 15-1/2" × 19-1/2"

OIL FIELD GLOVES
- String Knit
- Double Layer
- Heavy Duty

COCOA MAT
- 100% Cori fiber
- Hand loomed
- Brushed surface
- Size: 22" × 36" × 1.5"
NEW ITEMS

**COMING MAY. 2013**

**FREEZE RESISTANT THREAD END BALL VALVES**

- 750 WP
- NACE COMPLIANT
- FREEZE RESISTANT
- SIZE: 2", 3", & 4"

**GROOVED END BUTTERFLY VALVES**

- DUCTILE IRON BODY
- DI DISC NICKEL PLATED
- CLASS 300
- SIZE: 4"

**COMING JUL. 2013**

**IN-LINE VENT VALVES**

- CAST ALUMINUM
- -50°F TO 500°F
- PPS INTERNAL PARTS
- SIZE: 2", 3", & 4"

**END OF LINE STACK VENT VALVES**

- CAST ALUMINUM
- -50°F TO 500°F
- PPS INTERNAL PARTS
- SIZE: 2", 3", & 4"

**COMING JUN. 2013**

**FORGED SS FITTINGS**

- AVAILABLE TYPE:
  - ELBOW, TEE, COUPLING, UNION, HEX PLUG & HEX BUSHING
  - WORKING PRESSURE: 3,000 PSI
  - MATERIAL: STAINLESS STEEL 316L
  - STANDARD: ASTM A182 F & ASME B16.11
  - SIZE: 1/8" to 4"

**SS PIPE NIPPLES**

- SCH 80 SEAMLESS
- MATERIAL: STAINLESS STEEL 316L
- STANDARD: ASTM A182 F & ASME B16.11
- PIPE SIZE: 1/8" - 4"
- LENGTH: CLOSE TO 12"

**COMING JUN. 2013**

**CS FORGED FLANGES RF**

- AVAILABLE TYPE:
  - SO, THRD, SW( STD. &XH), BLD, WN (STD. & HX)
  - CLASS: 150, 300 & 600
  - MATERIAL: CARBON STEEL
  - STANDARD: ASTM A 105 & ANSI B16.5
  - SIZE: 1" to 8"

**FLOW IRON - NEW SIZES**

- AVAILABLE TYPE:
  - PUP JOINTS
  - SIZE: 4"
  - INTEGRAL FITTINGS
  - SIZE: 4"
  - PLUG VALVES
  - SIZE: 4"
OUR MISSION

Our mission is to supply the highest quality engineered products to the Energy and Industrial marketplace. With global sourcing relationships, Automated Flow Control provides high quality industrial components at attractive prices to the supply chain.

ADVANTAGES

- UL Certified QA/QC Department
- Competitive Pricing
- 190,000 SQ. FT. Warehouse
- Minimized Lead Times with Just In Time Delivery Available
- Custom Products Development
- Global Sourcing and Inspection by Trained Engineers During the Manufacturing Process
- Application and Technical Assistance
- Automated Flow Control, as a US based company offers:
  - Product Liability Insurance
  - Faster Reaction Time
  - Local Communication
  - Special Quantity Pricing and Freight Terms