



*A Product of US Duct, Inc.*

The Ultimate Seal®

[www.us-tubing.com](http://www.us-tubing.com)

The Ultimate Seal®

## INDUSTRY FOCUS



## Metalworking and Machining

The airtight seals and overall specifications of US Tubing's modular Flange and Clamp-Connect duct systems are particularly well suited for coolants, lubricants, and other wet collection applications.

### Typical Product Uses Include:

- Coolant mist collection
- Parts washing
- Swarf removal and conveying
- Smoke and fume extraction

**Ready to explore a  
project together?**

### Product Considerations for Metal Working/Machining:

**Give us a call!**

- Mists, steam and vapors coalescing in ducts
  - ⇒ Requires placement of taps or valves to drain liquid
  - ⇒ Ducting should be hung with a slight incline to allow liquid to drain
  - ⇒ Duct supports must be able to handle added weight of liquid accumulation in system
- Relatively high pressures necessary to convey product
- Swarf can be abrasive

# The US Tubing Advantage

## Airtight Laser Construction:

- ◆ Flat-lip gasket and full welds eliminate liquid leakage when the system is running and when it is switched off
- ◆ Perfect for positive or negative conveying to +/- 277" WG (10 psi or 0.69 bar)

Metal sizing options from 3" to 18" diameters with easy-to-change wear parts are available. Larger sizes are available with standard flange connections.

Modular construction means **fast installation**, **easy cleaning** and **trouble-free system reconfiguration!**



**US Tubing - Your Laser Welded Modular Tubing System**

## This Is US Tubing

US Tubing, our airtight Clamp-Connect system is a modular, laser welded, clamp-and-gasket joining system that is guaranteed to be leak-free. Each component terminates in a turned out lip on each end. A v-shaped gasket fits over one lip at each joint and then the connection is completed using an adjustable clamp. When the clamp is tightened, it compresses the gasket between the pipe edges to form an airtight seal.

The components (pipe, branches, elbows, etc.) are standard 16 gauge metal with a range of 22 to 16 gauge available upon request. The pipe comes in standard 59" lengths and 3" to 18" diameters which can be easily clamp-connected together to produce long runs. An adjustable sleeve pipe allows for infinite adjustments in the field.

The system is available in galvanized, stainless or painted steel and we offer a variety of finishes and coatings. And they all ship from our North Carolina factory in days, not weeks.

## Contact Us

US Tubing is a product  
of US Duct, Inc.  
4898 McCracken Road  
Kernersville, NC 27284

(855) 487-3828

Email us at  
[Info@us-tubing.com](mailto:Info@us-tubing.com)

Visit us on the web at  
[www.us-tubing.com](http://www.us-tubing.com)