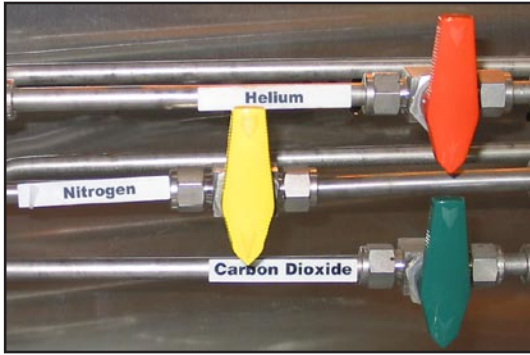


Resonator Tubing



Valves pictured not included.



CONCOA's zero permeation 316L ¼" stainless steel seamless tubing meets the laser industry's hydrocarbon free specification. The resonator grade tubing goes a step further by eliminating all halocarbons as a result of the cold finished bright annealed processing. The cold drawn process produces a seamless surface finish that eliminates leak paths (flat spots) associated with welded tubing. The high surface finish reduces surface tension thereby preventing particulate adhesion and off gassing.

Bright annealing the stainless tube in an inert atmosphere eliminates the need for the pickling process which uses nitric and hydrofluoric acids. Hydrofluoric acid will attack glass and the metallic reflective coatings on mirrors located in the resonator. This makes CONCOA resonator tubing the right choice for resonator performance.

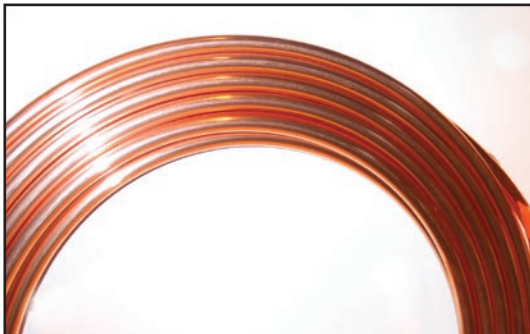
Materials and Specifications

- *Material*
316L stainless steel
- *Diameter*
¼" seamless outside diameter
.035" wall thickness
- *Length*
50 feet
- *Maximum working pressure*
7,600 psi

Ordering Information

Part Number	Description
908-0035	50' 316L ¼" stainless coiled tube

Assist Gas Tubing



CONCOA's cleaned and capped annealed ½" copper tubing is ideal for initial laser assist set up and production. The .035" wall thickness permits 650-700 psi maximum working pressure at 100°F for both nitrogen and oxygen. In the annealed state the 50' coiled tubing facilitates ease of installation with mechanical tube fittings. The tubing

can be easy formed to minimize right angle bends in order to maximize flow capacity. This makes CONCOA's assist gas tubing the right choice for laser assist performance.

Materials and Specifications

- *Material*
ASTM B280 grade copper
Cleaned, capped with N2 purge
- *Diameter*
1/2" outside diameter
.035" wall thickness
- *Length*
50 feet coiled
- *Maximum working pressure*
650-700 psi @ 100°F

Ordering Information

Part Number	Description
908-0032	50' Copper ½" O.D. annealed coiled tube cleaned and capped.

CONCOA

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