

NITROGENIZED ACR TUBE

Streamline[®] ACR Copper Tube provides the strength, precision and cleanliness needed for the demanding conditions of HVAC and refrigeration applications. Following precision manufacturing, Streamline ACR is cleaned in a five step, proprietary process and dried with filtered hot air. Then Streamline ACR is pressurized with dry nitrogen gas and sealed under pressure with a positive plug. These measures provide maximum protection against harmful oxides that can form during brazing operations. Reduction of these oxides greatly reduces system contamination, ensuring a long life for system devices and equipment.



- Available in 10' & 20' straight lengths from 3/8" – 8 1/8"
- Type K ACR (heavy wall) and plastic coated options are available by request
- Blue ink markings indicate nitrogen charge and ACR/Medical Gas use
- Cleaned in proprietary, multi-stage process, charged with 99.9% nitrogen and sealed under low pressure
- Plugs extend slightly beyond tube ends to protect against damage
- Plugs designed to maintain internal pressure from -20°F to 150°F
- Cut ACR can be immediately re-plugged for later use
- Made to ASTM standard B280
- Made in USA



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Here's How It Works

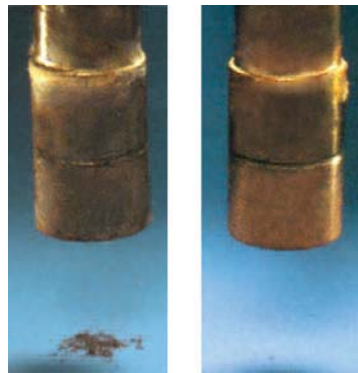
When unplugged for use, internal pressure is reduced to atmospheric pressure. As the tube is heated for brazing, internal nitrogen expands and flows to the open end reducing the amount of oxygen that reaches the hot inside surface. This reduces oxidation and naturally results in a cleaner ACR system.



Compare the Difference

The photographs below illustrate the difference in the amount of oxides formed inside a single joint when Streamline ACR tube is brazed, as opposed to the amount formed in a single joint made with other uncharged tube.

Uncharged Nitrogen-charged



cUL[®] US 700 PSI R410A

Another Industry First: UL Recognized Copper Tube & Fittings

Mueller Streamline Co. is now able to offer the first copper tube and fittings UL Recognized to 700PSI in select sizes. In order to provide the highest level of assurance to our customers that these products continue to meet the higher pressure demands of modern refrigerants, we have taken the additional step of implementing third-party verification — through Underwriters Laboratories (UL) — of the extensive testing procedures. The testing and third-party certification validates performance of these products up to operating pressures of 700PSI at 250°F.

Other HVACR Tube Offerings

Line Set



Refrigeration Coils



Plastic Coated



Level Wound



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