

Air Conditioning and Refrigeration Tube

CLI provides a variety of solutions for Air Conditioning and Refrigeration needs.

Line-sets are copper tubing lines used to connect split system air conditioners and heat pumps. The two copper lines (liquid line and suction line) in the set are refrigerant lines that connect the condensing unit (air conditioner-outside) to the evaporator coil (e-coil) in the furnace unit.

The line-set tubes may be **Pre-Insulated** or constructed and insulated in the field using **ACR Tube** or a **Level Wound Coil (LWC)**.

All CLI Air Conditioning and Refrigeration Tubes are produced with lubricants tested for R134A compatibility and formicary corrosion tested.

Pre-Insulated Line-Set: Line-sets are provided with a pre-insulated suction line paired with a bare liquid line in a convenient package. Line-sets have come into wide use in most areas of the country because they offer a better way to field connect split system air conditioners and heat pumps.

Major advantages include:

- Installation is quick, efficient, and economical. The continuous, factory-applied insulation has no seams which can open to allow moisture entry, bothersome dripping and decreased system efficiency.
- Tubes can be supplied in custom lengths for each job, reducing waste.
- Factory assembly assures quality and consistency.

Line-Sets can be customized for any central air system.

Options include: Tube Sizes, Length, Insulation and Packaging

CLI also provides, Mini-Split line-sets for Ductless and Variable Refrigerant Volume systems.

Options include: Tube Sizes, Length, Insulation, Packaging, Hardware and Flares

COMING SOON:

Black Coextruded protective coating for elastomeric rubber insulation.





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ACR Tube : Liquid line and suction line can be field constructed and insulated using our superior clean and plugged ACR tube.

This is typically for applications where a rigid straight tube provides the best solution for installation, such as commercial refrigeration applications.



LWC : CLI seamless smooth wall level wound copper tube is produced from a cathode based cast & roll process. A Level Wound Coil (LWC) is a long length of tube that is uniformly and tightly spooled in layers parallel to the axis of the coil. LWCs that require annealing are produced in our ultra clean annealing furnace which yields superior ID cleanliness. LWCs are used for a wide variety of applications in many industries.

