

▶ PLASTIC COATED TUBE

Streamline® Plastic Coated Copper Tube is manufactured in a variety of options for use when copper tube is to be buried or used in a potentially aggressive environment. Certain soils and building materials can contain chemicals that are potentially corrosive to plain copper tube, requiring it to be protected to ensure longevity in service. Our plastic-coated copper tube eliminates the need for on-site tape wrapping or sleeving, creating a savings on labor and ensuring a professional looking installation.



Advantages

- Polyethylene coating is extruded directly onto the copper providing consistent corrosion protection
- Coated tube is suitable for direct burial and through concrete slab
- Compatible with standard solder fittings, brazing techniques, as well as compression fittings
- Eliminates the need for on-site tape wrapping or sleeving, creating a savings on labor and professional looking installation
- Made to ASTM standards and is continuously marked with size, specification information, manufacturing code and footage every two feet Manufactured to reduce work hardening
- Custom products and markings available upon request
- Made in Canada

Availability

- PlumbShield® is available in blue and red for water applications and purple for reclaimed water. Certified to NSF 61.
- GasShield® is available in yellow for natural and LP Gas applications. O.D. sizes only. Manufactured to meet the requirements of NFPA 54.
- OilShield® is available in orange for fuel and oil applications. O.D. sizes only. Manufactured to meet the requirements of NFPA 31. UL Listed to UL971, Nonmetallic Underground Piping for Flammable Liquids

Installation



1. Cut and fold back plastic cover to reveal the copper tube



2. Install solder fittings in accordance with manufacturer's instructions and local codes

Note: If using a blowtorch, take care to keep the flame away from the plastic cover



3. When the joint is complete and cool, replace the plastic coat and wrap the joint to give continuity of protection

Note: Polyken #930 Tape Coating for Joints & Fittings or comparable alternative is recommended to wrap the joint.

Specifications

- Polyethylene coating made from low density LDPE resin, is extruded at 0.025" minimum wall and contains UV inhibitors
- Copper water tube (Types K & L) is manufactured to meet the chemical and mechanical properties of the applicable ASTM B88 and ANSI/NSF 61 standards
- ACR and Refrigeration Service Coils are manufactured to meet the chemical and mechanical properties of the applicable ASTM B280 standard
- OilShield meets NFPA 31 Standard for the Installation of Oil-Burning Equipment and is grooved to enhance leak detection
- GasShield meets NFPA 54 National Fuel Gas Code



Grooved for enhanced leak protection.

Nom. Size	O.D. Size	Type K		Type L		ACR Ref Coils	
		Lengths	Coils	Lengths	Coils	Lengths	Coils
1/4"	3/8"	—	60, 100 ft	—	60, 100 ft	—	50, 100 ft
3/8"	1/2"	—	60, 100 ft	—	60, 100 ft	—	50, 100 ft
1/2"	5/8"	10, 20 ft	60, 100 ft	10, 20 ft	60, 100 ft	20 ft	50, 100 ft
5/8"	3/4"	10, 20 ft	60, 100 ft	10, 20 ft	60, 100 ft	20 ft	50, 100 ft
3/4"	7/8"	10, 20 ft	60, 100 ft	10, 20 ft	60, 100 ft	20 ft	50, 100 ft
1"	1-1/8"	10, 20 ft	60, 100 ft	10, 20 ft	60, 100 ft	20 ft	50, 100 ft
1-1/4"	1-3/8"	10, 20 ft	—	10, 20 ft	—	20 ft	50, 100 ft
1-1/2"	1-5/8"	10, 20 ft	—	10, 20 ft	—	20 ft	50, 100 ft
2"	2-1/8"	10, 20 ft	—	10, 20 ft	—	20 ft	50, 100 ft

*Refrigeration coils available in 250 FT upon request. Items shown in blue are O.D. sizes