

## MONTHLY PIPELINE



Created for our customers.....our TOP priority.!

Greensboro  
**PIPE**  
Company

PIPE • VALVES • FITTINGS



**Tammie Craig**

Greensboro Pipe Company has been fortunate to have Tammie Craig as a member of our work family since 1995.

Tammie has worn just about every "hat" we have and now, her duties involve warehouse and inventory management, scheduling of deliveries and counter sales. Tammie has extensive knowledge of our inventory and will be glad to help you if you should ever have any questions.

## All About Copper!

Copper is defined as a "ductile malleable reddish-brown diamagnetic metallic element". It occurs in various minerals, but is the only metal that occurs abundantly in large masses. That's a good thing, because more than 5 million tons of copper are produced annually!

Copper use has been traced back to ancient Egyptian times when it was used in water



*Our country's most famous symbol is made primarily of copper.*

pipng. Little has changed over time. Copper is still a popular choice for residential

and commercial plumbing due to it's high strength, great heat-transfer capabilities and durability. Copper is impermeable and biostatic-contaminants just don't penetrate it. Plus copper surfaces can inhibit the growth of bacteria. Copper pipe and fittings won't burn or melt in a fire. It's solid, it's strong and it's durable... and Greensboro Pipe Company supplies it for you!

## Featured Items.....

Along with copper pipe and fittings, Greensboro Pipe Company stocks everything else you need to install and solder your pipe and fittings.

Pick up some Sterling® and Dutch Boy® solders in lead-free, 95/5 and 50/50 formulas.



Each come in a one pound spool.

You can find a supply of flux from L-a-Co® for your



soldering needs also. We stock jars in 2 oz., 4 oz, and 16 oz.

Need hangers for your pipe? We stock both copper band and clevis hangers as well as split rings.



Don't forget your preparation materials. You can find Sioux Chief® brand plumbers' cloth and wire brushes on our shelves as well as soldering torches and gas canisters.



**CONTACT US!**

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## How Do I Choose?

Copper tubing and pipe comes in different classes and styles. Types K, L, M both come in hard sticks (usually 20') and soft coils (different lengths). Type K is the heaviest class and Type M is the lightest. Type L is the most commonly used class and is considered "standard". All classes of pipe can be used for the following applications:

- Domestic water service & distribution
- Fire protection
- Solar
- Fuel/fuel oil
- HVAC
- Snow Melting

Type L also handles the additional applications:

- Natural Gas
- Liquefied Petroleum (LP) Gas



All three classes conform to ASTM B88.

## 2004...New Beginnings



We are excited to announce that we will start construction on our new building this month! Our new location will be located near 506 Gallimore Dairy Road off Hwy. 68 in Greensboro. Our new location will allow us to have more room, a cleaner more organized environment, and we will be more centrally located to High Point, Greensboro and Winston-Salem. Stay tuned for more pictures as we share our building process with you!

## Did You Know????



*Soldering is a simple task that can look and sound complicated. It takes a little trial and error to perfect the task. Let us answer some of your common questions.*

**Q:** What is the difference between Soldering and Brazing?

**A:** Both soldering and brazing involve joining 2 metals together with heat and filler metal (solder). The difference is that soldering solder has a liquidus not exceeding 840°F and brazing solder DOES have a liquidus that exceeds 840°F. As a result, brazing provides a much stronger joint than soldering.

**Q:** What IS flux and what does it do?

**A:** Flux is an important part of the soldering and brazing process. Flux comes in either liquid, paste or powder. It is used to prepare the surface of the pipe and fitting for soldering or brazing. As the flux heats, it will bubble which in turn cleans the surfaces so that the solder material will have a secure bond. Flux also helps draw in the solder for a good bond.

**Q:** My soldering job doesn't look quite right....what did I do wrong?

**A:** There are several things that might have happened:

- Are there drips and runs inside the fitting? You used too much solder.
- Is the outside joint lumpy and patchy? You didn't use enough heat.
- Does the joint or pipes look scorched or burnt? Too much heat was applied.