

Quick Fitting

TECH TALK



TOPIC: COPRO APPLICATIONS

DATE: 01/01/2008

SUMMARY: A review of COPRO fitting Industrial Market Research, target applications and North American market usage data.

The Industrial North American manufacturing, OEM and municipal markets offer a vast array of applications and significant opportunities

What are the target markets and applications?

- ✓ Government
- ✓ Military – Bases, Shipboard repair
- ✓ Industry
- ✓ Valve, Fitting Manufacturers
- ✓ Manufactured housing
- ✓ Truck, Bus and RV
- ✓ Marine
- ✓ Filtration systems
- ✓ Commuter Rail
- ✓ System builders
- ✓ Cabinet industry
- ✓ Hobbyist
- ✓ Leisure and hospitality
- ✓ Medical
- ✓ Appliance

What are the types of applications?

- ✓ Breathable air systems
- ✓ Oil-free compressed air
- ✓ Vacuum systems
- ✓ Heating and cooling
- ✓ Sprinkler systems
- ✓ Potable water
- ✓ Fluid transfer
- ✓ Chilled water
- ✓ Hot water
- ✓ Car wash applications
- ✓ Underground fluid piping
- ✓ Water treatment systems
- ✓ Inert gases
- ✓ Fire suppression
- ✓ Permanent or temporary service



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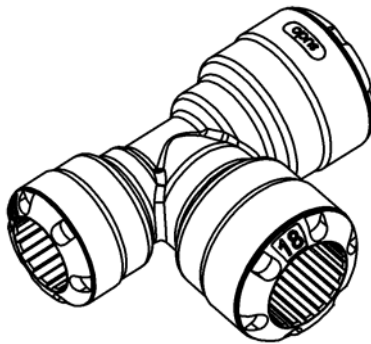


What are key Value benefits?

- ✓ Requires no special skills to install
- ✓ Installs in seconds, 12 times faster than soldering
- ✓ Reusable – Repairable - Reposition
- ✓ Safe - No flames, adhesives or glues
- ✓ Permanent – Leak free seal that doesn't decay like solder
- ✓ Wet or dry – Whether the system is wet or dry, the fitting seals upon connection
- ✓ Fast installation, means lower overall installation cost.
- ✓ No damage to pipe ends upon connection or disassembly

Why is a repairable fitting important?

- ✓ Unlike the majority of fluid fittings, the COPRO fitting can be quickly and easily repaired if damaged. This provides the owner with a fitting that literally lasts forever and is the only fitting they would ever buy. To that end, everything else is just a disposable fitting.



What is the estimated industrial market size for COPRO fittings?

- ✓ There are over 350,000 manufacturers in North America.
- ✓ There are over 2 million North American businesses.

What is the overall market size?

- ✓ The U.S. copper pipe and tube market is expected to be over 16 billion feet in 2007
- ✓ The U.S. CPVC market is expected to be over 20 billion feet in 2007
- ✓ There are approximately 0.25 fittings used for every foot of pipe and/or tubing
- ✓ On average, fittings represent approximately 16% of a total pipe system cost.

How does COPRO compare on installation?

- ✓ The national average for professional plumbing is estimated at \$65.00 per hour. Many areas such as New York and California are significantly higher and often charge travel time.
- ✓ At \$65.00 per hour, the current cost of soldered pipe installation is approximately \$13.55 per foot.
- ✓ COPRO fittings install in less than 1/12th of the time required by conventional soldering.
- ✓ Minimal expertise is required to install COPRO, while copper soldered installation is often left to trained professionals.

