

TOPRING



W W W . T O P R I N G . c o m

QUICK LINE

ALUMINIUM COMPRESSED AIR DISTRIBUTION SYSTEM

Series 07 **QUICK LINE**

Quick and easy to install

Economical - up to 80% less
installation time

Flexible and easy to modify

All components totally
reusable

Ready for immediate
pressurization

Ensures good quality
compressed air

Leak-free

QUICK LINE

Distributed by

Fleetwood Air Equipment Ltd.

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COMPRESSED AIR COSTS

PRESSURE DROP COSTS

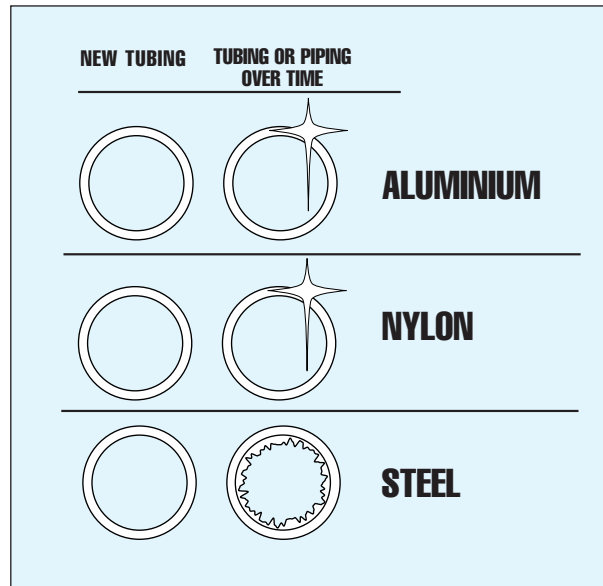
Pressure drops occur when the air system cannot keep up with consumption, reducing tool efficiency and therefore reducing productivity.

To compensate for pressure drops, the compressor must work harder, thereby increasing energy consumption and costs.

Smooth bore Nylon or aluminium piping provides a considerable reduction in pressure drops and thus also operating costs.

Steel and galvanized steel pipes are affected by rust, and interior surfaces pitted after several years of use cause greater pressure loss and therefore higher operating costs.

This does not happen with **TOPRING** Nylon or aluminium piping, as this corrosion-proof piping will be as good as new for many years to come.



Compare the total costs of different air distribution systems

OTHER COSTS

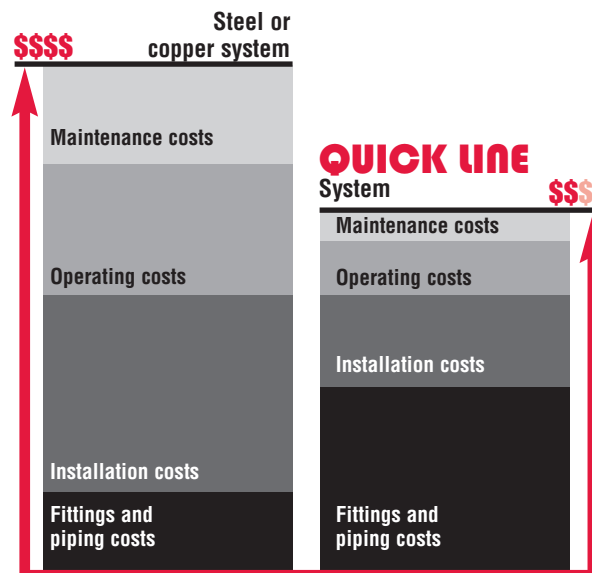
In terms of overall performance versus costs, air system decisions should not be made solely on the purchase price of the components.

The total cost of a system also includes such other costs as:

- Operating costs:** Additional consumption, modifications, pressure drops and leaks
- Maintenance costs:** Leak detection, painting, replacement of corroded piping
- Installation costs:** Labour

NOTE

Maintenance costs for conventional systems will increase over time as the components deteriorate. **TOPRING** air distribution components will not deteriorate.



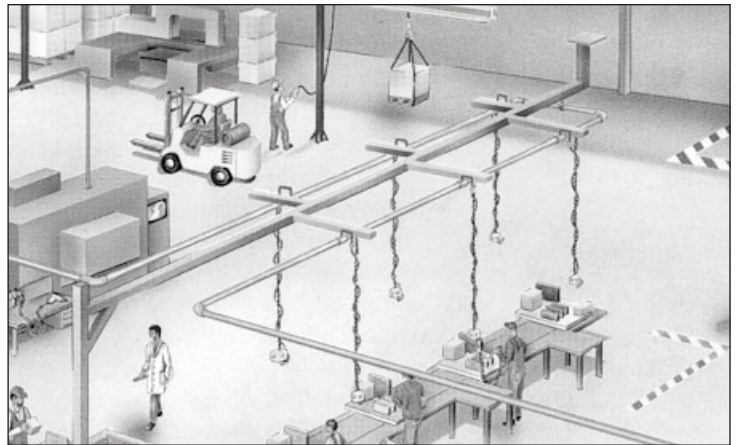
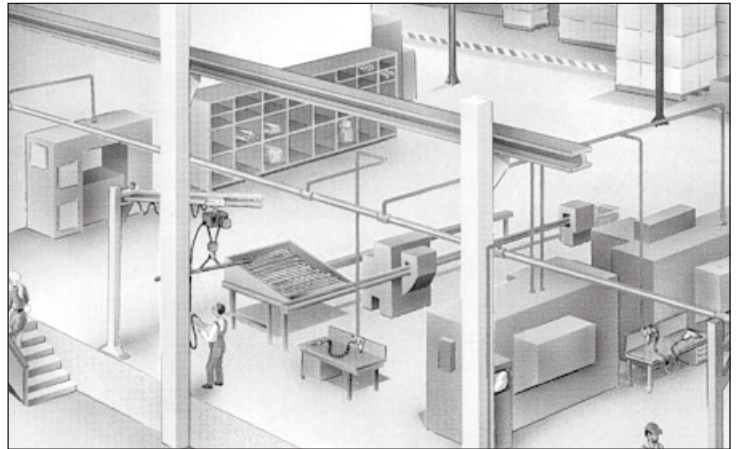
While **TOPRING** air distribution system components may make up a greater proportion of total cost than in a conventional system, that total cost is reduced overall due to the **TOPRING** components unique advantages:

- Lower installation costs
- Lower operating costs
- Lower maintenance costs

BENEFITS OF **QUICK LINE** SYSTEM

BENEFITS

- **Installation ease:** **QUICK LINE** installations can often be carried out by the end-user. Professionals can perform larger installations more easily, reducing the number of people required for a given job
- **Installation speed:** Push-to-connect and compression type fittings allow installation of **QUICK LINE** systems to be done much more quickly than conventional systems requiring welding, soldering and threading of heavy components
- **No waiting period:** The **QUICK LINE** system can be put under pressure immediately following installation – no need to wait for glue to dry, for welds to cool or for leakage testing
- **Total flexibility:** The flexibility of the **QUICK LINE** system ensures modifications and expansions can be carried out quickly and easily in seconds with very little cost or lost production. Integrates perfectly with existing conventional piping
- **Energy savings:** Calibrated **QUICK LINE** Aluminium pipe used with **QUICK LINE** fittings eliminates leaks, saving up to 10 % of power consumption costs. Both the pipe and fittings are designed to reduce friction and pressure drop, further reducing power consumption
- **Corrosion-proof:** **QUICK LINE** components maintain air quality by eliminating contamination caused by corrosion (rust, scale)
- **Performance:** Achieves high flow rates and low pressure drops due to low frictional losses through smooth bore of pipe
- **Lightweight:** Only a small fraction of the weight of conventional Steel or black Iron
- **Completely reusable:** **QUICK LINE** components are easy to remove and relocate to a new location, making moving an easier task



FEATURES

- **TOPRING QUICK LINE** pipes are available in:
 - 15 mm (1/2") • 22 mm (3/4") • 28 mm (1") with length of 4 meter (13 ft)
 - 43 mm (1-1/2") • 50 mm (2") • 63 mm (2-1/2") with a choice of length of 4 or 6 meter (13-20 ft)
- **QUICK LINE** fittings are made of high quality, corrosion-proof Brass
- **QUICK LINE** piping is made of chromated Aluminium, eliminating corrosion and contamination and ensuring high quality compressed air
- Calibrated pipes ensure leak-proof connections with **QUICK LINE** fittings
- Pipes are painted blue with a Qualicoat finish, for easy identification of the compressed air system
- The **QUICK LINE** system is approved for installation as a compressed air system and can be used up to 220 PSI working pressure

SPECIFICATIONS

Maximum Working Pressure

Varies, based on selected fittings (up to 220 PSI)

Temperature Range

-4 °F to 158 °F (-20 °C to 70 °C)

MATERIAL

PIPES

Blue 6060 T66 Aluminium

PUSH-IN FITTINGS

- **Body:** Brass
- **Release Sleeve:** Glass Fibre reinforced Polyamide Plastic
- **O-Ring:** EPDM Rubber

APPLICATIONS

- The perfect system for air lines in workshops, garages and industry
- Compressed air, vacuum and neutral gases and Nitrogen

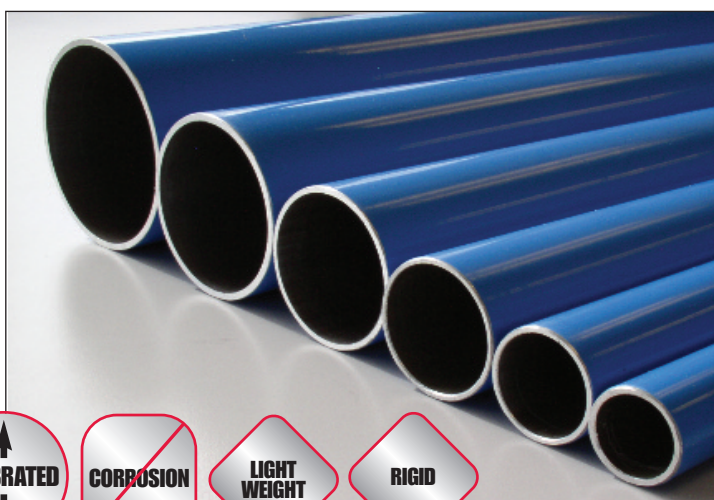
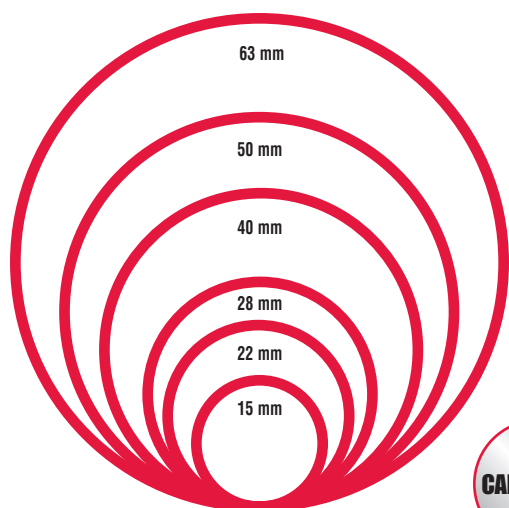
SREW-TYPE COMPRESSION FITTINGS

- **Body:** Brass
- **Tightening Collar:** Brass
- **O-Ring:** Buna-N/Nitrile
- **Spacer Ring:** Stainless Steel
- **Clamp Ring:** Stainless Steel

**ALUMINIUM
COMPRESSED AIR PIPE**

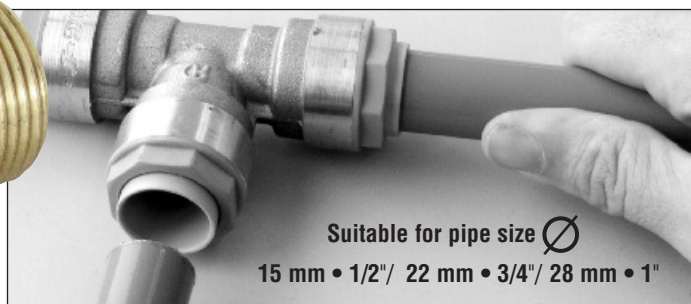
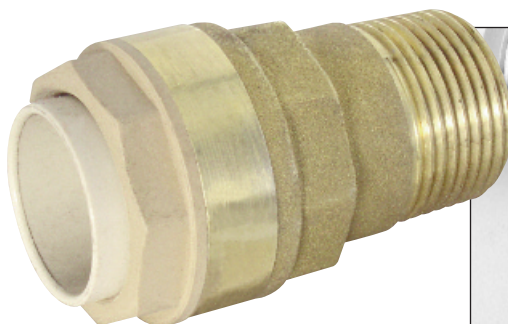
- Made of blue 6060 T66 Aluminium
- Protective lacquer coating (**QUALICOAT** certified) protecting from external aggression
- Optimum flow rate performance
- High resistance to corrosion
- Lightweight for ease of manipulation
- Rigid structure requires fewer pipe clips
- Calibrated pipes for leak-proof connections

Product No	Length m ft		Ø Size mm	Approximate ID in	Weight lb
07.102	4	13	15	1/2	1.20
07.107	4	13	22	3/4	2.03
07.112	4	13	28	1	3.00
07.117	4	13	40	1-1/2	4.31
07.119	6	20	40	1-1/2	6.46
07.120	4	13	50	2	7.30
07.121	6	20	50	2	10.95
07.122	4	13	63	2-1/2	9.01
07.124	6	20	63	2-1/2	13.51

**PUSH-IN FITTINGS**

Innovative push-to-connect technology makes **QUICK LINE** fast and easy to assemble

- Quick assembly with gripping ring push-to-connect fittings
- Limited fitting expansion under pressure, resulting in dimensionally stable installations
- No soldering, no threading, no sealing materials required
- All Brass construction
- Full flow design
- Fully reusable

**SCREW-TYPE
COMPRESSION
FITTINGS**

Reliable screw-type compression fitting connection makes larger diameter **QUICK LINE** components quick and easy to assemble

