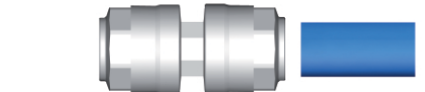
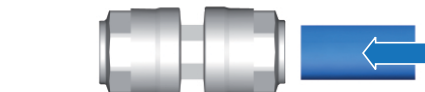


INSTALLATION 20 - 25 - 32 - 40 - 50 - 63



1 Fittings of 20 - 25 - 32 - 40 are pre-assembled. Tubes of 6m are pre-coated, calibrated and deburred.



2 Push tube into the fitting for automatic connection.

INSTALLATION 80 - 110



1 Fittings of 110 are pre-assembled with four screws untwisted to help tube connection. Tubes of 6m are pre-coated, calibrated and deburred.

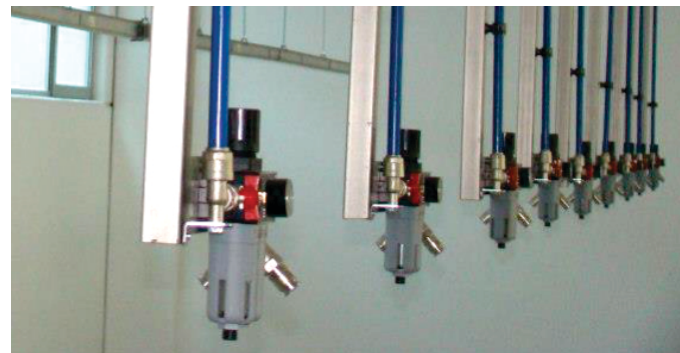


2 Push tube into the fitting for automatic connection and screw up in the suggested sequence.



One Touch push in fittings

- ▶ NO Drilling, Lugging, Crimping
- ▶ NO need any special tool
- ▶ Easy to handle on site



HIGH QUALITY PRESS FITTINGS PIPING SYSTEMS - SS & BRONZE

inoxPRES
STAINLESS STEEL
1.4404 (AISI 316L)



AES PRES
COPPER-BRONZE



steelPRES
GALVANISED CARBON STEEL



MARINE PRES
COPPER-NIKEL

• **Inox Press** / Stainless Steel
A reliable and rapid solutions with good quality stainless steel.
Dimension Range: Ø15,18,22,28,35,42,54,76.1,88.9,108,139,168

• **AES PRESS** / Bronze
For the application where resistance to corrosion and high hygiene are must
Dimension Range: Ø12,15,18,22, 28, 35, 42, 54

• **Steel Press** / Galvanized carbon Steel
For the application where stainless steel is not affordable
Dimension Range: Ø12,15,18,22, 28, 35, 42, 54, 76.1, 88.9, 108

• **Marine Press** / Cupro Nickel
The most resistant and performing solution in saline ambiances
Dimension Range: Ø15,18, 22, 35, 42, 54, 76.1, 88.9, 108

• **ISO Press**
Thermal insulation for any plant application

inoxPRES GAS
STAINLESS STEEL
1.4404 (AISI 316L)



AES PRES GAS
COPPER-BRONZE

- Benefits**
- Press fittings saves time and money
 - Secure Connections
 - Easy Modification
 - No Drilling, Welding & Threading
 - Fast & Simple Installation
 - Labour Cost Savings

- Application**
- Potable Water
 - Natural Gas/LPG
 - Heating
 - Cooling
 - Solar Thermal
 - Compressed Air
 - Fire Protection System
 - Process Water
 - Waste Water
 - Nebulisation Plants
 - Silicon Free System
 - Vapor Steam, etc.,



Cutting the pipe to length



Deburring the pipe



Inserting pipe into the press fitting



Making the press connection



inoxPRES - Drinkable Water



inoxPRES - Industry



steelPRES - Refrigeration Circuit



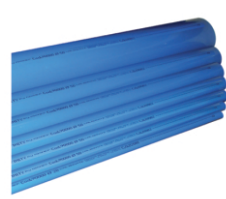
- ▶ Aignep started in 1976
- ▶ Aignep exports in more than 90 countries
- ▶ Six branches located in USA, Colombia, Spain, Switzerland, Brazil & France
- ▶ Aignep has 5 division of products : Fittings, Quick Couplings, Automations, Fluid Control (Fluidity), Air Pipeline (Infinity)



Infinity Compressed Air Piping, Fixings & Accessories

Infinity offers the first all metal piping system, specifically designed with energy savings in mind. It's extremely smooth corrosion-free piping, complimented with easy install fittings and our patented zero condensate tee, all go together to keep the fluid flow laminar, therefore reducing turbulence, minimising pressure drop and removing condensation.

PRODUCTS HIGHLIGHTS



T6 GRADE
Inside Treated

Size Available in mm
20/25/32/40/50/63/
80/110

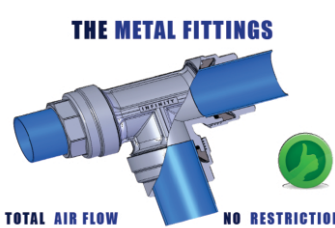


Fitting with
inbuilt valve

Installations In More Than 50 Countries
Fully Automated Production



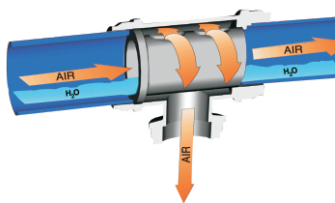
One Touch Installation
leak free



THE METAL FITTINGS



Multiple output from
single input



Patented Technology
to avoid moisture
contamination



INFINITE TIME SAVING

- Simple push in system.
- Modular connection.
- Light-weight tubing.
- Fully adjustable and reusable, ideal for future expansion.
- Easy identification - colour coded piping.
- Less clips; minimal expansion.
- No need for swan necks - built-in **zero condensate** tees for low pressure systems.
- Adapts to all existing pipe systems



INFINITE QUALITY

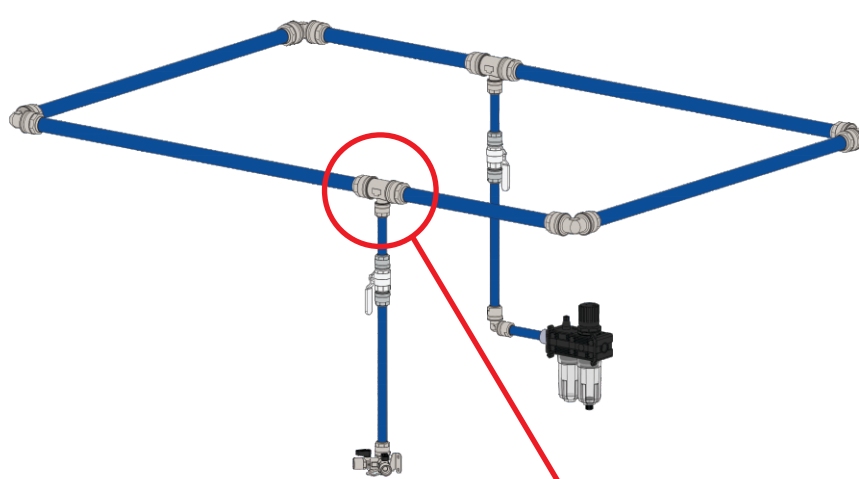
- Internal and external corrosion free coating.
- Consistent air quality to every outlet.
- 10 years warranty on all products.
- Leak free.
- Minimal expansion; no sag or bow.
- Total metal system.
- Complies with Australian and European safety standard AS4041.



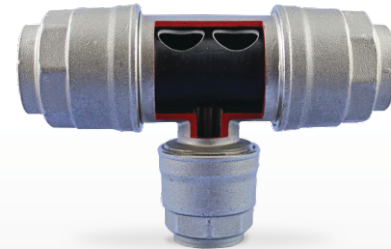
INFINITE ENERGY SAVING

- Extremely low pressure drop.
- Leak free.
- Reduced compressor loading and running cost.
- Efficient condensate removal.

One of the many technologically advanced features of the Infinity piping system is the **Patented Zero Condensate Reducing Tee**

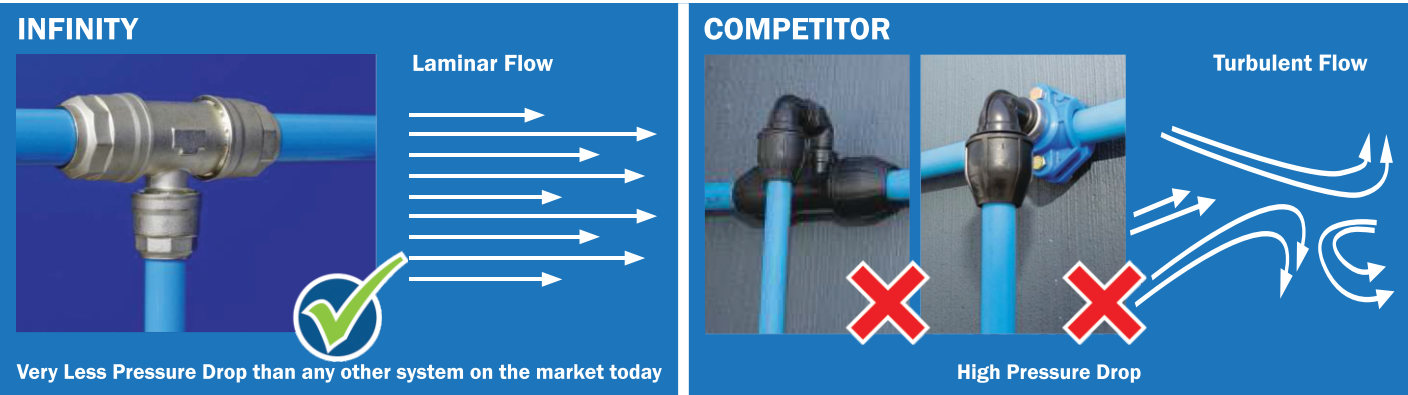


Condensation stays within the ring main and can be drained off at the most convenient point.



- Eliminates the need for a conventional swan neck fitting
- Blocks condensate from reaching equipment
- Automatically reduces pipe size from ring main to drop leg
- Can be used vertically or horizontally (360° rotation)
- Can replace the need for a coupler
- No laminar turbulence ensures consistent air flow

Rather than forcing compressed air into a direction change, it is guided through a series of holes via an internal chamber and vented to atmosphere through the connected tools. The result? **Significant savings in pressure loss**



PIPE GRADE - ENAW 600 T6
TEMP : -20°C to +80°C

Pressure : - 0.99 to 16 bar
Compatible Fluids : Compressed Air, Vacuum, Nitrogen, Argon, Azoto, Industrial Oxygen

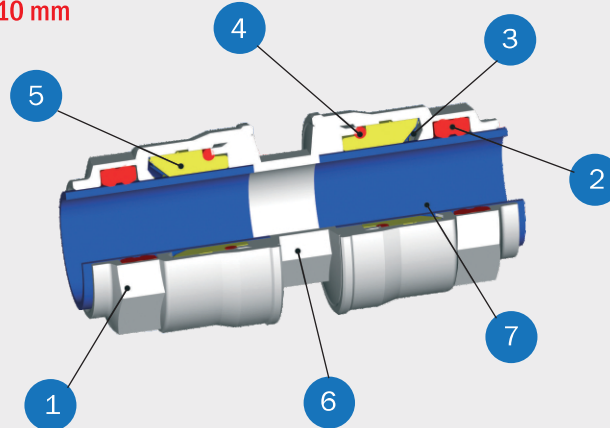
Pipe Internal Coating : Fluorine - Zirconium
Pipe External Coating : Epoxypolyester Powder

Resistance to:

- Ultraviolet rays
- Mineral and synthetic compressor lubricants
- Enviromenal Weather Conditions
- Mechanical Shocks

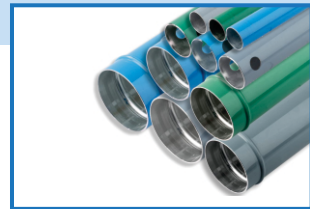
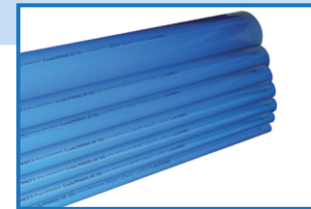
AVAILABLE DIAMETERS : 20 - 25 - 32 - 40 - 50 - 63 - 80 - 110 mm

- 1 Nut made in nickel-plated brass
- 2 Seal made in NBR
- 3 Clamping washer made in Inox AISI 304
- 4 O-RING seals made in NBR
- 5 Safety ring made in Technopolymeric
- 6 Body made in nickel-plated brass
- 7 Extruded alluminium tube calibrated and powder coated

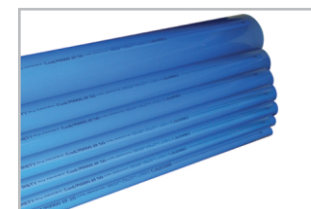
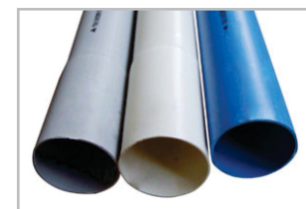


ADVANTAGES OF INFINITY

INFINITY Aluminium Piping System	COMPETITOR Aluminium Piping System
T6 Grade - Aluminium Pipe, High Strength	T4 Grade - Aluminium Pipe, Low Strength
Pipe Inner and Outer surface treated	Only Pipe outer surface treated
No Oxidation occurs	Oxidation occurs
Imported from ITALY	Locally Extruded
Max Working Pressure : 16Bar	Max Working Pressure : 13 Bar
Temperature : -20°C to +80°C	Temperature :Upto +70°C
No Drilling needed in pipe fixing	Drilling required in pipe fixing
Fully metal fittings	Plastic Fittings
Patented Design Fitting – Blocks moisture condensate water from reaching equipments	Moisture condensate water easily reaches the equipments
Modular Connection, No need crimping, lugging.	Critical Installation, need crimping and lugging.



ALUMINUM	PLASTIC
Quick Installation	Glue System or Push + Twist System
Quick Check Up	At least 24hrs Downtime
Robust Material	Light and Fragile Material
Oil Resistant	Contraction or Expansion and Lubricant attack
Full Flow	Restricted flow, Same size, Less flow
Outdoor Installation	UV Ray Crack & Leaks
Thermal Shock Resistant	Nylon Sagging & Condensations or Quick Freezing
Energy Saving	Compressors Harder work to provide Higher Flow at Higher Cost



INFINITY	GALVANIZED
Quick Installation	Lengthy Process
Easy Installation	Cutting, Threading, Drilling
Leight Weight	Heavy Weight
Individual Modification	Entire System Shutdown
Regular Flow	Flow Restrictions
Condensing Trap	Internal Rusting, Lower Pressure, if Unattended Air Leaks
Constant Air Flow	Extensive Pressure Drops
Energy Savings	Compressors Harder Work to Provide Higher Flow at Higher Cost
Long Life System	Frequent Maintenance