



PRESSURE SYSTEMS
GIRAIR®

COMPRESSED
AIR DISTRIBUTION



safety for your pipeworks



GIRAIR® SYSTEM



The cost of a compressed air network chiefly depends on its energy consumption (up to 75% (1)). Each leak on your network puts an extra burden on your energy bill.

For extra safety and peace of mind, the owners of an installation should therefore select a compressed air distribution system that can resist the numerous aggressions coming from its environment.

⁽¹⁾ Source: ADEME (French Agency for Energy Control and Protection of the Environment)

The GIRAIR® system has been on the market for more than 25 years. It stands for recognised reliability, from compressor outlet to wall plate connections.

The GIRAIR® system is made from more than 200 articles, designed to withstand maximum working pressures up to 12.5 bar at 25°C, and to meet the vast majority of your compressed air distribution requirements:

Pipes and fittings are available from d.16 to d.110.

They offer:

- **corrosion resistance,**
- **impact resistance (ductile vinyl material),**
- **a high compatibility level with most compressor oils.**

A large range of male and female threaded fittings allows for mechanical connections all along the network for more versatility.

A complete range of stop valves and various accessories, specially designed for compressed air applications, enable you to optimise your network's efficiency.

A complete range of dedicated brackets and spacers have been specifically designed according to the dimensions of the system's components.

A dedicated GAFIX welding polymer allows for a quick installation and durable joints.



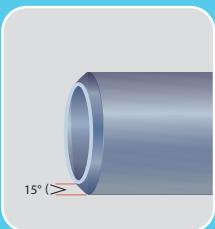
Applications

- compressed air distribution,
- neutral industrial gas distribution,
- centralised vacuum networks.

6 STEPS TO PERFORM PERFECT JOINTS



CUT
the pipe square with
a dedicated plastic
pipe roller cutter for
a sharp, clean cut



CHAMFER
with an adapted tool



CHECK
the surfaces to be
welded together



CLEAN
the surfaces to be
welded together
with CLEANER+



APPLY
the welding polymer
in a thin, uniform
layer



ASSEMBLE
push straight
(no torsion) and
keep pressed together
for 5 seconds

10 ESSENTIAL BENEFITS

1. No leaks
2. No corrosion
3. Installation times under control
4. Reliable and durable joints
5. Low head losses
6. High impact resistance
7. Clear network identification
(Blue colour throughout the material's thickness)
8. Enhanced fire safety (Bs1d0 Euroclasses rating)
9. Dedicated bracketing solutions
10. Recyclability
(The GIRAIR® material is 100% recyclable)



The GIRAIR® Technical Documentation can be downloaded from:



www.girpi.com

CHOOSE SAFETY

- Maximum working pressure: 12.5 bar at 25°C.
- Dimensions as per EN 1452.
- Non-flammable: Bs1d0 (Euroclasses classification).
- Assembled by cold welding. Use exclusively the welding polymer GAFIX.
- Exclusively use specific CLEANER⊕ from GIRPI for preparation phases.
- Blue colour as per NF A 571.



GIRPI's SERVICES



TECHNICAL ASSISTANCE

Our technical assistance and design team can help optimize network drawings:

- drawings featuring all GIRPI articles, complete bill of material, bracketing...
- Girpi's 3D Bim library in REVIT format is available on request.



OUR HOTLINE

Is at your disposal to answer your questions and help you successfully install our products on your building projects.

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TRAINING

Our training center (officially recognized for vocational training) gives installers and decision-makers modular training courses about installation techniques.

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CUSTOM - MADE ITEMS

Our fabrication workshop can manufacture special items as per your requirements and can prefabricate pipework sections.

Please consult us for prices and deliveries.

GIRPI's certifications

