PE 100 COMPRESSED AIR PIPE SYSTEM

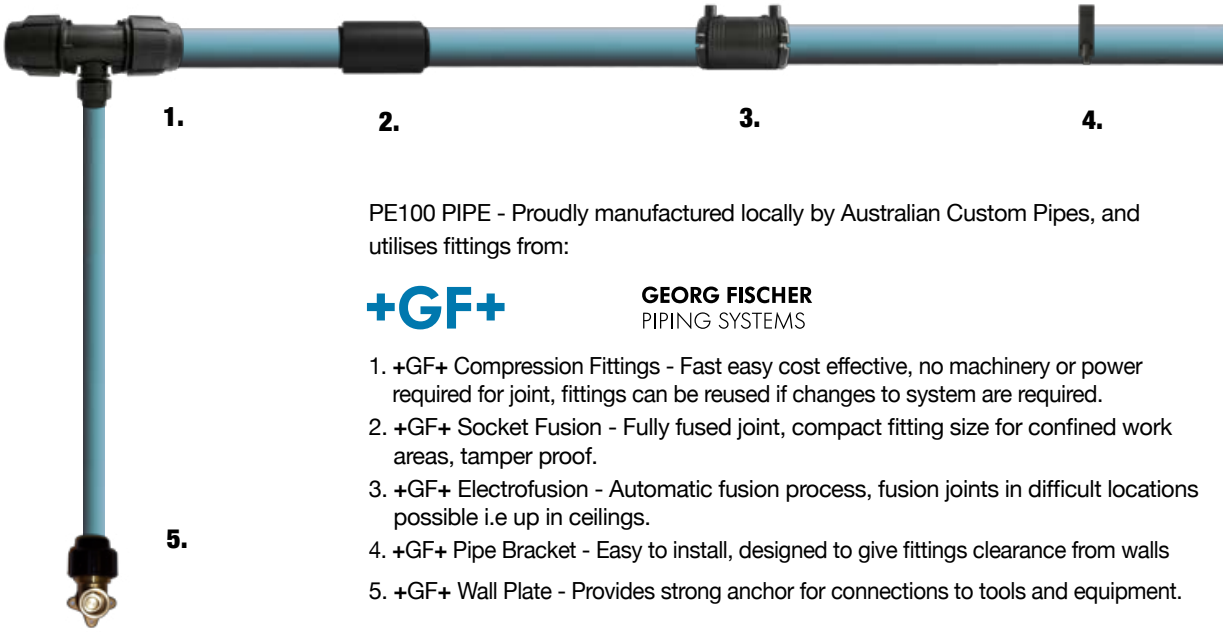
Built for Australian Conditions

ACP
Australian Custom Pipes

Plastic Pipe • Fabrication • Moulding Specialist

Lloyd's Register Quality Assurance ISO9001
Certified Quality Management System

- Fracture Resistance - High resistance to fracture minimizes hazard in the event of accidental damage, or the need for additional pipe protection.
- Corrosion Resistance - PE100 will not corrode like metallic pipework meaning no effect to air quality, or damage to tools and pneumatics caused by corrosion by-products.
- Surface Roughness - The transport of compressed air in PE100 is much more economical than in a steel pipe due to its smoother surface meaning less pressure loss, higher flow rate and energy cost saving.
- Chemical Resistance - PE100 has excellent chemical resistance and is suitable for use in contact with most compressor oils.
- Impact Resistance - PE100 has high impact strength which maximises resistance to external damage and forms no fragments after forceful damage to the pipe.
- Thermal Insulator - Low thermal conduction minimises variation in compressed air temperature & thus pressure variations.
- Low Noise & Vibration Transmission - PE100 pipes with their flexibility will not transmit vibrations to other structures, commonly a problem in compressed air systems.
- Lightweight - The light weight of PE100 pipe compared to metallic piping facilitates quick and easy installation, allowing fixing into or onto cable trays further reducing costs.
- Electrical Conduction - Since plastics do not conduct electricity, it is safe to install them in cable trays alongside electrical cables.
- Pipe Identification - Pipe is coloured blue so that it can be easily identified amongst other pipework, requires no additional markers or painting, and complies with requirements of AS1345.
- Standards Compliance - PE100 compressed air pipe is manufactured to AS/NZS 4130 Pipes for Pressure Applications using material to AS/NZS 4131 Compounds for Pressure Pipe and Fittings. The fittings comply with AS/NZS 4129 Fittings for Pressure Applications.
- Design - The system design life is 50 years.



PE100 PIPE - Proudly manufactured locally by Australian Custom Pipes, and utilises fittings from:

+GF+ GEORG FISCHER PIPING SYSTEMS

1. +GF+ Compression Fittings - Fast easy cost effective, no machinery or power required for joint, fittings can be reused if changes to system are required.
2. +GF+ Socket Fusion - Fully fused joint, compact fitting size for confined work areas, tamper proof.
3. +GF+ Electrofusion - Automatic fusion process, fusion joints in difficult locations possible i.e up in ceilings.
4. +GF+ Pipe Bracket - Easy to install, designed to give fittings clearance from walls
5. +GF+ Wall Plate - Provides strong anchor for connections to tools and equipment.

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www.acpipes.com.au **PH :1300 307 887**