



AIRnet Piping



AIRnet Piping System



EXTRUDED ALUMINUM
PIPE TECHNOLOGY



AIRnet ALUMINUM PIPE TECHNOLOGY

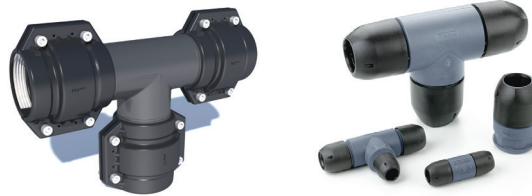
FAST, EASY ONE PERSON INSTALLATION

AIRnet can be installed three times faster than conventional pipe, greatly reducing installation costs. All pipe can be cut to size with an *AIRnet* tube cutter. No sawing, welding, gluing or crimping is required.

AIRnet size ranges are $\frac{3}{4}$ ", 1", 2", 2½", 3", 4" and 6". *AIRnet* engineered polymer, aluminum and steel fittings provide perfect, leak-free alignment. No tightening required up to two inches. 2½" and 3" are tightened with a spanner wrench, and 4" and 6" use a hexkey to seal the fittings.



Quick and easy *AIRnet* installation



STRONG AND LIGHTWEIGHT TESTED AND CERTIFIED

- Watertight and resistant to four times working pressure (764 psi)
- Thermo tested according to ISO 580-1973
- Complies with ASME/CE/PED international standards
- Vibration tested for 3 million cycles at different amplitudes and frequencies
- Approved for outdoor installation
- 500,000 cycle pressure pulsation test with impulse pressure variation from 0 to 1.5 times design pressure
- Burst pressure:
 - > Fitting dia. $\frac{3}{4}$ " to 2" - 1740 psig
 - > Fitting dia. 3" to 4" - 1450 psig
 - > Fitting dia. 6" - 1740 psig
- Design Pressure
 - > 20-50mm, 100mm ($\frac{3}{4}$ " - 2", 4") - 232 psig
 - > 63mm-80mm (2½" - 3") - 188 psig
 - > 158mm (6") - 232 psig



AIRnet 10-YEAR GUARANTEE

In line with the high quality performance of our *AIRnet* product range, we offer you a 10-year guarantee on *AIRnet* fittings and pipes against any damage resulting from material defect.

AIRNET FITTING DESIGN

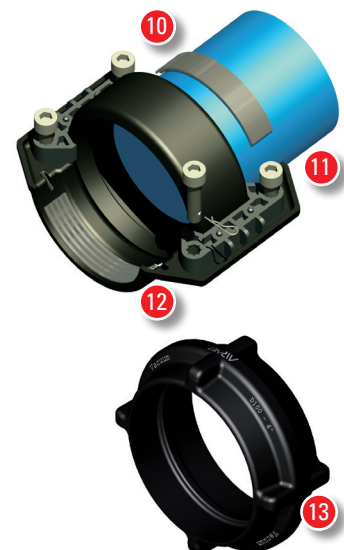
DIAMETERS 20-50 MM (3/4 - 2") - PF SERIES



- 1 Strong-grip internal design**
Superior sealing, flexible grip ring and fool proof engineering design
- 2 Specific nut design**
Push-In, Pre Torque with standard hexagon nut profile
- 3 Specific BODY design**
Lightweight, slim body with Easy to see Torque Indication
- 4 Specific inlet guide**
For easier pipe insertion and perfect alignment
- 5 Parts identity**
Part number and diameter are embossed
- 6 Strong-grip internal design**
New design increasing grip, strength and safety (with stainless steel cling ring)
- 7 Specific nut design**
Notches enable you to tightly secure the AIRnet spanner, without damaging the nut itself
- 8 Specific BODY design**
Very large inner body diameter eliminates the flow resistance and pressure drop
- 9 Specific inlet guide**
For easier pipe insertion and perfect alignment

DIAMETERS 100 MM (4")

- 10 Strong-grip internal design**
New design concept for large diameter provides optimum grip performance (with stainless steel clamp-grip)
- 11 Specific nuts and bolts design**
4 sets of bolts and nuts with unique safety pin ensures 40 Nm grip with embossed part numbers
- 12 Specific BODY design**
Made up of corrosion resistant sheet metal to ensure light weight and compact design
- 13 Specific seal system**
Sealing system (seal + seal holder) is specially designed for compressed air or vacuum and ensures leak free piping system



COMPRESSED AIR SYSTEMS BEST PRACTICE

