

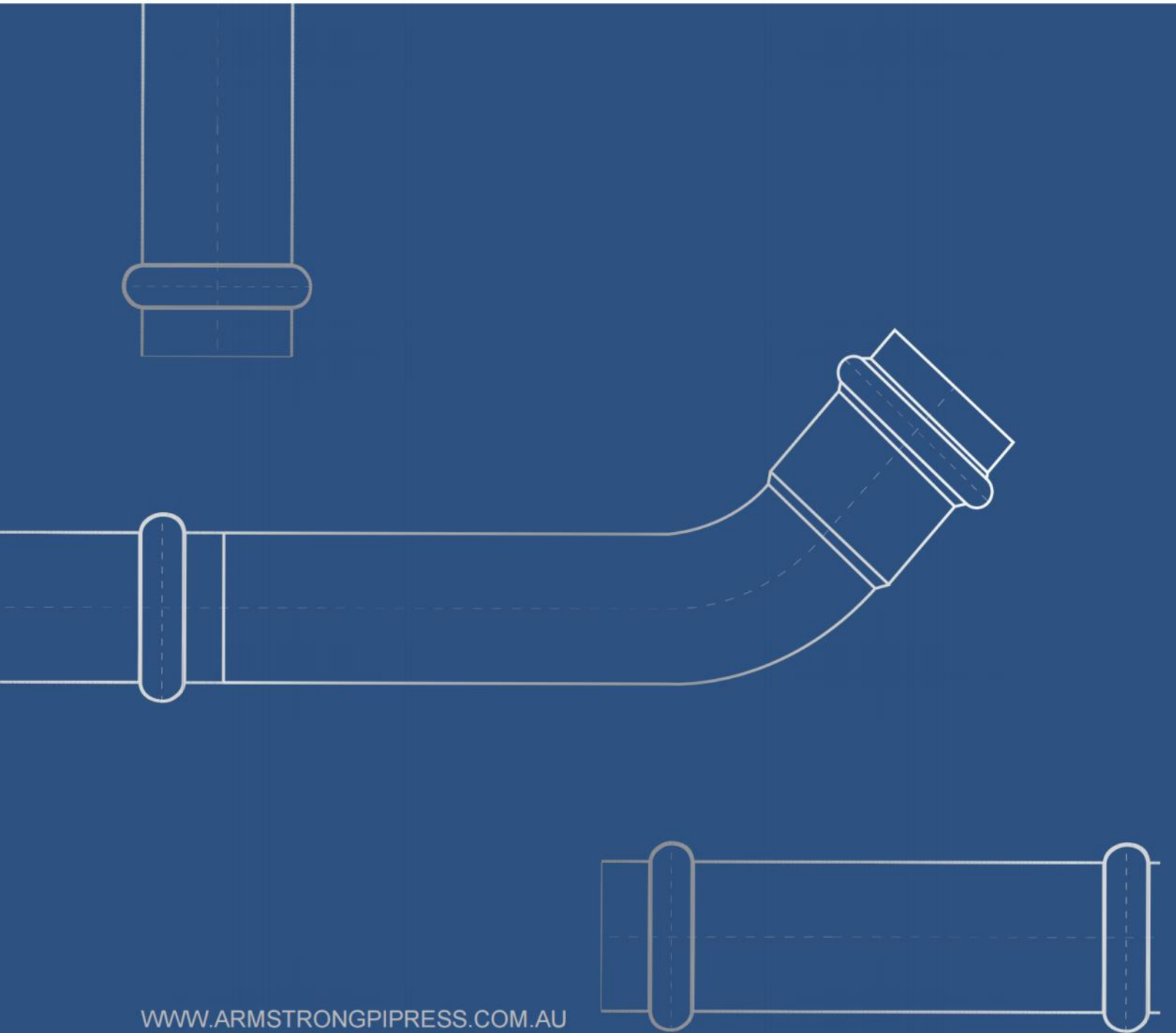
PIPRESS

STAINLESS STEEL PIPE SYSTEM

EASY | FAST | RELIABLE | COST-SAVING



ARMSTRONG
PIPRESS



WWW.ARMSTRONGPIPRESS.COM.AU



ARMSTRONG PIPRESS

Delivering BEST-IN-CLASS solutions for piping systems

As pioneers in compressed air, steam, fluid transportation and distribution, Armstrong PiPress is dedicated to the delivery of reliable pipe systems which provide fast cost effective technologies.

With PiPress manufacturing facilities adhering to international standards in the design and manufacture of 304/316L stainless steel tube and fittings, along with a well established supply chain, Armstrong PiPress is positioned to become Australia's leading supplier of stainless steel press fit systems. Extensive testing, robust manufacturing processes, and comprehensive quality controls have enabled PiPress to supply premium quality products throughout the world including Europe, North and South America, Australasia and Asia at very competitive prices.

Armstrong Flow Control brings decades of trusted performance and engineering discipline to the market. PiPress fits seamlessly into that ethos and together under Armstrong Dynamics, customers gain long term support, continuity and confidence.

ADVANTAGES OVERVIEW

PIPRESS

SUPERIOR MATERIAL PERFORMANCE, RELIABILITY AND DURABILITY

1. Internationally recognised standard stainless steel materials (304/316L), provide safe, corrosion free, and maintenance free piping systems with stability and longevity;
2. Embedded and active filling in the sealing ring/o-ring provide leak free performance and stability. O-ring materials include FKM (Viton), HBR and EPDM
3. NSF and FDA approved sealing materials to guarantee public health and safety.

EASY & FAST TO INSTALL

Press-fit fittings range from 15mm-168.3mm. An installation takes only seconds with a battery powered portable tool. Larger size press fittings (DN200/8" and DN250/10") are in development and are expected to be launched in the near future.



1. Cut



2. Mark



3. Insert



5. Press



6. Remove

SIGNIFICANT COST SAVINGS

It only takes a few seconds to finish a press fitting, saving time and labor costs; Only two screws are required to install a grooved clamp connector, up to 10x faster than traditional methods.

For larger sizes pre-grooved pipes at both ends reduces your labor cost and operation time to minimum level

UNIVERSAL SIZES AND STANDARDS

PiPress meets international standards for pipe and fitting sizes. PiPress pipe and fittings can be utilised on any existing pipework that is made to the same international standard. Flanges and threaded fittings are available to connect to traditional pipe systems.

Technical Data

M Profile Fittings - 2 Press points

Working Temperature: -20°C to 200°C
(dependent on O-ring)

Capable of handling a maximum pressure of
40Bar/580PSI*

Designed to meet most standard applications

Size	Standard Pressure	Max Pressure (HP)*
15-22mm	40Bar	40Bar
28-35mm	25Bar	40Bar
42-108mm	16Bar	40Bar
139.7-168.3mm	16Bar (Single press)	20Bar (Double offset press)



V Profile Fittings - 3 Press points

Working temperature :-20°C - 200°C
(dependent on O-ring)

Capable of handling a maximum pressure of
40Bar/580PSI*

Designed to meet demanding applications

Size	Standard Pressure	Max Pressure (HP)*
15-22mm	40Bar	40Bar
28-35mm	25Bar	40Bar
42-108mm	16Bar	40Bar



* 40 Bar max pressure is guaranteed when installed using high-pressure ACO203XL Novopress tool.
Standard pressure is 16-40 Bar when installed using a standard Press tool.

DN125-DN300 Grooved Connections



Rated up to 16Bar/232PSI
Pre-grooved pipes, saving your
labor cost and make installation 10
times faster on site.

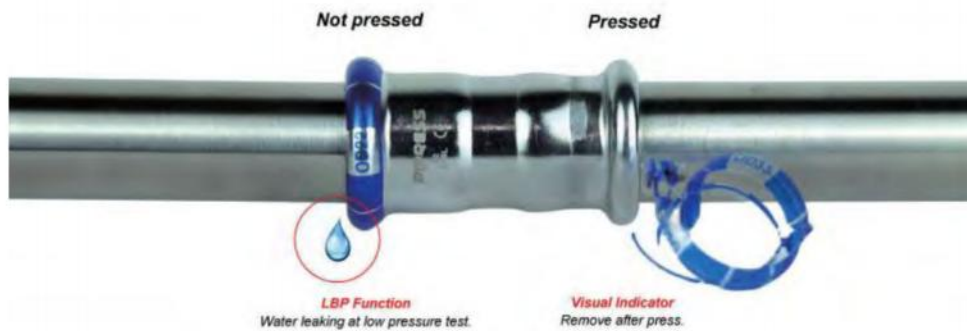
Materials

PiPress offers fittings and pipes both in EN1.4301/AISI304, and EN1.4404/AISI316L.
Tailored sizes and materials are acceptable upon request.

SAFETY GAURANTEE

Fittings are designed with LBP (Leak Before Press) technology, which allows the installer to test with low (1-6Bar) pressure the system to see if any presses were not completed. If a fitting is not pressed a small leak will occur providing a clear visual indication that the press has not been completed out on that fitting.


PiPress fittings are also fitted with a visual indicator check ring, which will detach after a press has been made.



SEALING TECHNOLOGIES

O-rings with superior reliability and longevity are embedded into the fittings. There are several choices of O-rings available including EPDM, FKM (Viton) and NBR. The appropriate O-ring is determined by the fluid being transferred, operating temperature, and other operating parameters. Examples of fluids to be transferred include compressed air, water, vacuum, nitrogen and other inert gases, saturated steam, fuels, oils, hot water, chilled water, and solar water amongst others.

Sealing Code	Description	Color	Working Temperature	Main Application Fluids
EPDM-LBP	Ethylene Propylene Diene Mnomer with LBP Function		-20°C To 120°C -4°F To 248°F	Cooling/chilled Water; Low Pressure Steam; Compressed Air; Fire Water System; Hydronic Heating; Waste Water.
NBR	Nitrile Butadiene Rubber		-20°C to 100°C -4°F to 212°F	Inert Gases, Compressed Air, Lubricants.
FKM	Viton Fluoroelastomer		-20°C to 200°C -4°F to 392°F	High Temp. Steam & Gas, Solar, Heating, Compressed Air, Acid Solutions, Chemicals, Inert Gases, Fuels, and Hydraulic fluids



For a complete product brochure come see us at Foodpro 2026 on stand AK27

PIPRESS

Stainless Steel Pipe System

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