

Press-Fit for a
LIFETIME INSTALLATION



MAYER 316L STAINLESS
STEEL PRESS SYSTEMS
are the first choice in
metals for ease of installation,
flexibility, durability and a
lifetime safe connection.

Material	Stainless Steel grade 316L Pipe and Press Fittings, EPDM black rubber (potable), FKN red rubber (industrial temps 99°C), HNBR yellow rubber for gas installations	
Pressure Rating	16Bar	
Operating Temperature	-20°C to 99°C	
Applications	<ul style="list-style-type: none">• Potable Hot and cold water• Heating and chilled water services• Process and non-potable water• Gas systems• Compressed air• Industrial water	
Warranty	25 years and 50 years service life	

available nationwide through all major plumbing outlets

Please visit our website to download a full Technical Manual www.mayerstainless.co.nz

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MAYER Stainless Steel Pipes and Fittings start with the selection of the finest raw materials. Each pipe and fitting are manufactured in an ultra-modern facility where attention to detail guarantees the quality of every item which leaves the factory.

MAYER has earned an enviable reputation and is the stainless product of choice for installers in the Asia Pacific region, from its raw material selection, high quality manufacturing standards, durability and cost-competitiveness to traditional welded systems.

FAST & EASY TO USE

Installing **MAYER** Stainless Steel Pipe Systems delivers advantages over traditional brazed copper. **MAYER** is press fitted with rubber O-rings, no heat or flame needed i.e. no hot work permits required. Installation of **MAYER** is faster, easier, cleaner & safer for your team.

High Quality 316L Stainless Steel Tube - Each **MAYER** pipe and fitting is precision-manufactured from certified 316L stainless steel.

Pipe features include:

- Fully stocked NZ range in 15, 22, 28, 35, 42, 54, 76, 89, 108 mm OD (outside diameter)
- Low carbon (<0.03%), 2-3% Molybdenum content ensures even higher corrosion resistance
- AS 5200.053 and AS 3688 compliant

Stainless steel press fittings features include:

- 316L material EN 1.4404 (press fittings)
- 316Ti material EN 1.4571 (threaded parts)
- 316 material EN 1.4408 (precision cast parts)

PUSH & STAY & LEAK PATH

Fitting **MAYER** stainless steel pipe systems is rapid and simple. Start with hand-fitted joints, which are sufficiently tight to complete the rough-in. Complete each joint by pressing. All joints which are not yet pressed will leak (Leak Path), allowing for easy identification of those not yet complete.

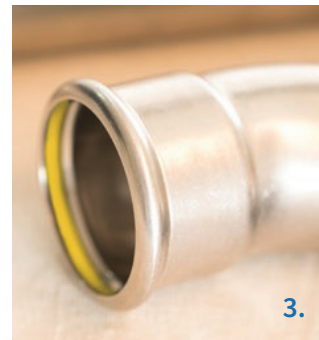
PRESS WITH EASE WITH MAYER TOOLING

Gearing up to supply and install **MAYER** Stainless Steel Pipe Systems is easy. If you have previously pressed copper, in many cases an upgrade of jaws will be all that is required.

Known compatible tools:

Tool type	Make	(Note)	Press type
Battery Press Tool, V-Press 15-54mm	Zupper, Ridgid, Novapress, Rems, Milwaukee	with comparable MAYER Jaws	MAYER "V" Jaws will also press a "M" fitting

Electric Hydraulic Pump Press Tool, V-Press 76-108mm jaws



QUALITY ASSURANCE

Extensive individual testing of each pipe or fitting, including rigorous hydraulic pressure testing, eddy current testing, and annealing of all pipe and fittings to ensure optimal quality standards are consistently met supported by In house requirements of ISO 9001, and ISO 14001.

CERTIFICATION

MAYER 316L has been appraised by BRANZ to meet the requirements of the NZ Building code for potable and non-potable services and heating.



PRESS JOINTING & WARRANTY

MAYER Stainless Press Systems are rapidly implemented in comparison to traditional welded stainless and copper systems. Our system is designed for 50 year services life and guaranteed not to leak for 25 years in accordance with **MAYER** installation, further more **MAYER** give a 10 year guarantee against manufacturing quality (see our Warranty Statement).

O'RINGS

MAYER recommends a temperature range of -20°C to 99°C with a 16 Bar working pressure.

- 1. BLACK EPDM** Chloramine resist – suitable for water and general applications
- 2. RED FKM** industrial applications – compressed air, elevated temperatures and chemicals
- 3. YELLOW HNBR** for Gas applications

PRODUCT SUITABILITY AND FIELDS OF APPLICATION

MAYER 316L stainless pipe and fittings offer a wide range of fields of application due to the products robustness, temperature /pressure range and 316 stainless well know resistance to corrosion and poor water quality.

MAYER is used extensively for:

- Potable Hot and cold water
- Heating and chilled water services
- Process and non-potable water
- Gas systems
- Compressed air
- Industrial water

INSTALLATION SUPPORT

MAYER NZ view training and technical support as an integral part of our installer support ensuring our systems are correctly installed durable and long lasting. To assist in this process **MAYER** nationally support a certified installer programmes and active site support monitoring.