



COPPER PRESS

Product Information

Copper Press

WITH COPPER PRESS
TECHNOLOGY, PLUMBING JOBS
CAN BE DONE EASILY AND SAFELY.

It is cost effective in material, time and labour. Copper Press offers a simple installation method that does not require brazing. Only taking a few seconds to create a permanent joint between the pipe and the fitting. This method has been increasingly popular in the plumbing industry, particularly for the use of water and gas systems.

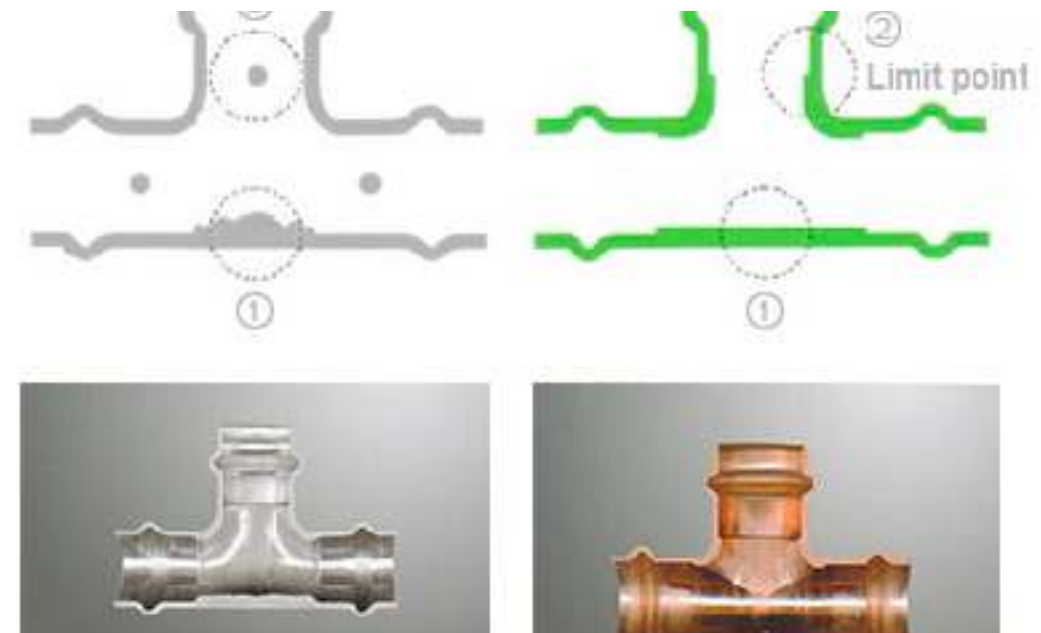




Features

Copper Press fittings provide practical and effective solutions for drinking water, heating and other special application with sizes ranging from DN15 to DN100. It does not require welding, brazing or cutting threads.

- Copper Press uses a unique product production process which can eliminate the excess copper that normally accumulates in the pipe fittings. This allows water or gas to smoothly move throughout the pipeline system. By reducing the resistance within the system, this improves the performance of the pipes.
- Copper Press fittings adopt an unique limit slot design. Compared to the traditional limit points, this design can effectively avoid product rupture and leakage when creating joints, so that customers can use the products more safely and securely.



Leak by-pass O-ring

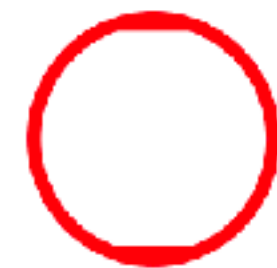
- Leak by-pass O-ring can recognize unpressed fittings. For unpressed joints, water pressure drops during the standard testing procedure. For water pressure testing, it is recommended to test from 103 Kpa to 300 Kpa. And for gas pressure testing from 2.2 Kpa to 300 Kpa. All testing of the system should be conducted in accordance to AS/NZS 3500 and /or AS/NZS 5601.



Water - EPDM



Gas - HNBR



High Temp - FKM



Application

Copper Press fittings are WaterMark approved and certified to AS3688 with the license number 74613. All fittings are manufactured from high quality copper and DZR brass material. Sizes range from DN15 to DN100. We offer more variety and versatile fittings to suit the needs of plumbers than any other brands in the market.

For water fittings, we use the EDPM O-ring (black) which is strong, flexible and resists decay. There is a broad range of seals providing good resistance suitable for different conditions such as aging, ozone, sunlight, weathering and hot water. It meets all the requirements of AS4020. Installation should be carried out in accordance with AS/NZS 3500. All water fittings are suitable for drinking, heated and chilled water.

For gas fittings, we use the HNBR O-ring (yellow) which has attributes for physical strength and retention of properties particularly after long term exposure to heat, oil and chemicals. Installation should be carried out in accordance with AS/NZS 5601:2010. Fittings are suitable for natural gas, compressed air, fuel lines.

For high temperature application, such as those used in solar we use FKM (Fluorocarbon) O-ring (red) for water temperatures ranging from 110 to 160 degrees Celsius.

Copper Press fittings are suitable for the use with copper tubes provided it complies with AS1432-2004 (Type A and Type B).

The installation method must be in accordance with AS/NZS3500 for pressure application not exceeding 1600 Kpa and AS/NZS 5601:2010 for pressure application not exceeding 200 Kpa.



Installation



1 Cut the pipe to the length required



2 Remove any burrs



3 Make sure the O-ring is correctly seated



4 Mark the insertion depth



5 Make sure pipe is inserted fully to the stop



6 Press and finish

Distance Between Copper Press

Fitting Size	Minimum Clearance (mm)
DN15	5
DN20	5
DN25	5
DN32	10
DN40	15
DN50	20
DN65	20
DN80	20
DN100	20

Distance Between Copper Press

Fitting Size	Minimum Clearance (mm)
DN15	350
DN20	500
DN25	650
DN32	800
DN40	1000
DN50	1300
DN65	1600
DN80	2000
DN100	2500



CERTIFICATE OF CONFORMITY

ApprovalMark International hereby grants:

Copper Press P/L
Unit 1, 2-10 Claremont Ave
Greenacre, NSW 2190
AUSTRALIA

WaterMark Certificate of Conformity – WMCS 2016
Evaluated to:

AS 3688:2016 – Water supply and gas systems – Metallic fittings and end connectors

The WaterMark licensee shall comply with all the terms and conditions as stipulated by the governance of the operating rules of WaterMark, and shall comply with standard requirement at all times including when standard is amended. The WaterMark license only covers the product which is identified in the product schedule.

This certificate is issued by a JAS-ANZ accredited certification body. The ABCB and JAS-ANZ do not in any way warrant, guarantee or represent that the product the subject of this Certificate conforms to the WaterMark Certification Scheme Rules, nor accepts any liability arising out of the use of the product. The ABCB disclaims to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages and costs arising as a result of the use of the product(s) referred to in this certificate.

* This certificate may only be reproduced in its entirety.

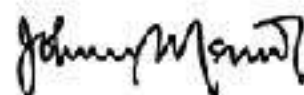
Certificate No. **WM 74813**

Issued: 11th September 2020

Originally Certified: 2nd September 2015

Expires: 2nd September 2023

Current Certification: 8th July 2019



John PRASAD

Director
ApprovalMark International Pty Ltd
20/33 Halberne Road, Amstell Park 2148, Australia
www.approvalmark.com.au



Certification

Copper Press fittings carries a 25 year warranty from the date of purchase.

This warranty covers any faults caused by defective manufacturing of the fittings under the brand name of Copper Press.

It does not cover faults arising from incorrect installation. This warranty will apply only under following clauses:

Installation must be carried out:

1. By a licensed plumber/ gas fitter.
2. In accordance with Copper Press installation instructions.
3. In accordance with the relevant local and national plumbing codes and standards.

This Warranty does not include:



1. Installation by a non-licensed plumber.
2. Faulty workmanship.
3. Normal wear and tear.
4. Lack of maintenance.
5. Incorrect installation method.
6. Misuse of the product.



Contact

For more information or to place an order, please contact us on any of the below methods or submit an enquiry in the below form and one of our friendly team will contact you.

Phone:
(02) 8710 8584

Mobile:
0416 224 038

Email:
info@copperpress.com.au

Postal Address:
**PO Box 38, Enfield NSW
2136**

Warehouse:
Unit 1, 2-10 Claremont