

ips
flow systems

Introducing RM PressFit ...the perfect fit



ROM
RACCORDERIE METALLICHE

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AESPRES

0800 975 79 71

RM Pressfit System

We are pleased to introduce the RM Pressfit System, manufactured by Raccorderie Metalliche of Mantova, Italy. Established in 1970 Raccorderie Metalliche has been manufacturing their Pressfit system since 1999. Their innovative approach to manufacturing has resulted in the introduction of the patented, seamless Pressfit Tee in Carbon Steel and Copper – an industry first!.

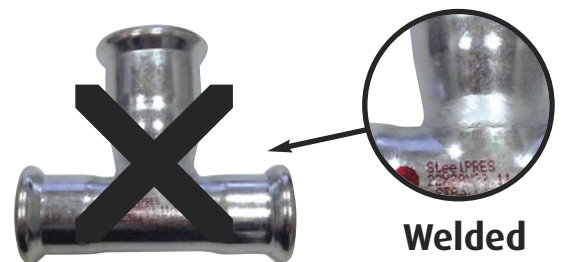
Pressfit fittings are an established and cost effective way to install piping systems easily. With no threading, welding, or soldering to be done, the system provides tight, leak free joints using a simple, portable press tool. Installed costs are lower than traditional methods, and the unique, "Leak on Test" seal design, ensures finished system integrity.

There are a number of material options available depending on specific applications, and we would be pleased to discuss your requirements with you.

The 1st Seamless Pressfitting Tee In Carbon Steel and Copper



**Seamless
No more leaks!**



Welded

- The first press fitting in carbon steel and copper nickel made without welds.
- The safest way to connect all types of closed circuit systems.
- Available in diameters ranging from 15 - 54mm.
- Quality control on each individual component.



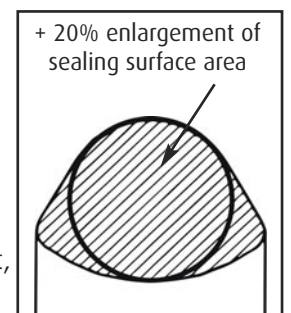
Unique Sealing Ring Profile

Traditional press fitting systems use round sealing rings, which can easily be damaged by careless fitting. RM on the other hand uses a patented sealing ring with a lenticular profile which fits the press crimp groove.

This provides the following advantages:

- A 20% enlargement of the sealing surface area
- Major reduction of the risk of the sealing ring being pressed out or damaged
- Fit makes the pipes insertion easier

The black EPDM sealing ring from 15 - 54mm is supplied with an additional safety feature, leak on test, which ensures accidentally unpressed joints are identified at test stage instead of during service.



Typical uses of O-rings:-

- Black EPDM - Normally associated with water
- Yellow NBR - Generally associated with gas
- Green FKM - Generally associated with solar
- Red MVQ - Normally associated with industrial applications



steelPRES



Steelpres Press Fittings

Steelpres press fittings are made of carbon steel E195 n 1.004 up to 108mm od. A galvanic zinc coating protects against external corrosion. Steelpres fittings are indelibly marked in red with the manufacturers name, diameter and internal code. A black EPDM sealing ring is fitted into the formed ends of the Steelpres fittings.

Steelpres fittings are suitable for:-

- Closed heating systems
- Closed cooling and refrigeration systems
- Compressed air systems*

Temperature range -20°C to +120°C. Maximum pressure PN16.

* PN16 to 54mm PN10 from 76mm to 108mm.

inoxPRES



Inoxpres Press fittings

Inoxpres press fittings are manufactured from high-alloyed austenitic stainless Cr-Ni-Mo steel n 1.4404 (AISI 316 L). The fittings are marked with laser recording the manufacturers name, diameter, DVGW test symbol and internal code. The formed ends of the press fittings are fitted with a black EPDM seal ring as standard for potable water applications.

Inoxpres applications include:-

- Potable water - WRAS approved product
- Hot and cold water
- Gas
- RO systems

Temperature range -20°C to +120°C. Maximum pressure PN16

AESPRES



Aespres Press fittings

Aespres press fittings are made in DHP Cu-DHP 99.9 (CW024A) copper and in CuSn5Zn5Pb2 (CC499K) bronze from 12 to 54mm. Aespres fittings are indelibly marked with a laser system with the manufacturers name, diameter, DVGW control brand and an internal code. A black EPDM o-ring is standard.

The Aespres system is suitable for:-

- Potable water - WRAS approved product
- Hot and cold water systems
- Gas (Aespres Gas with NBR seals)*

Temperature range -20°C to +120°C.

* Maximum pressure PN5

Pressing Tools

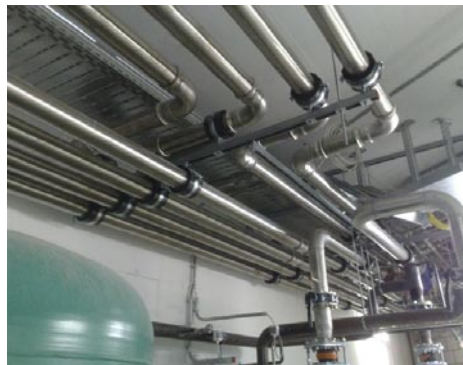
Making a Pressfit joint is simple, but using the correct tools is essential to ensure a perfect joint.

Battery operated, portable pressing tools are available to buy or hire, and a full range of cutters and pipe preparation tools are also provided.

We offer free of charge installer training, and would be please to provide this either on site or at our in- house training facility.



Applications	Stainless Steel	Carbon	Copper
Drinking Water	✓		✓
Natural Gas	✓		✓
Heating	✓	✓	✓
Cooling	✓	✓	✓
Solar Energy	✓	✓	✓
Compressed Air	✓	✓	✓
Fire Protection Systems / Sprinklers	✓	✓	
Water Treatment	✓		



The complete range of RM PressFit systems consists of the following:

Stainless Steel



Stainless Steel Gas



Carbon Steel



Carbon Steel



Copper



Copper Gas



Copper Nickel



For further details on the RM PressFit range, please contact our sales team.

IPS Flow Systems