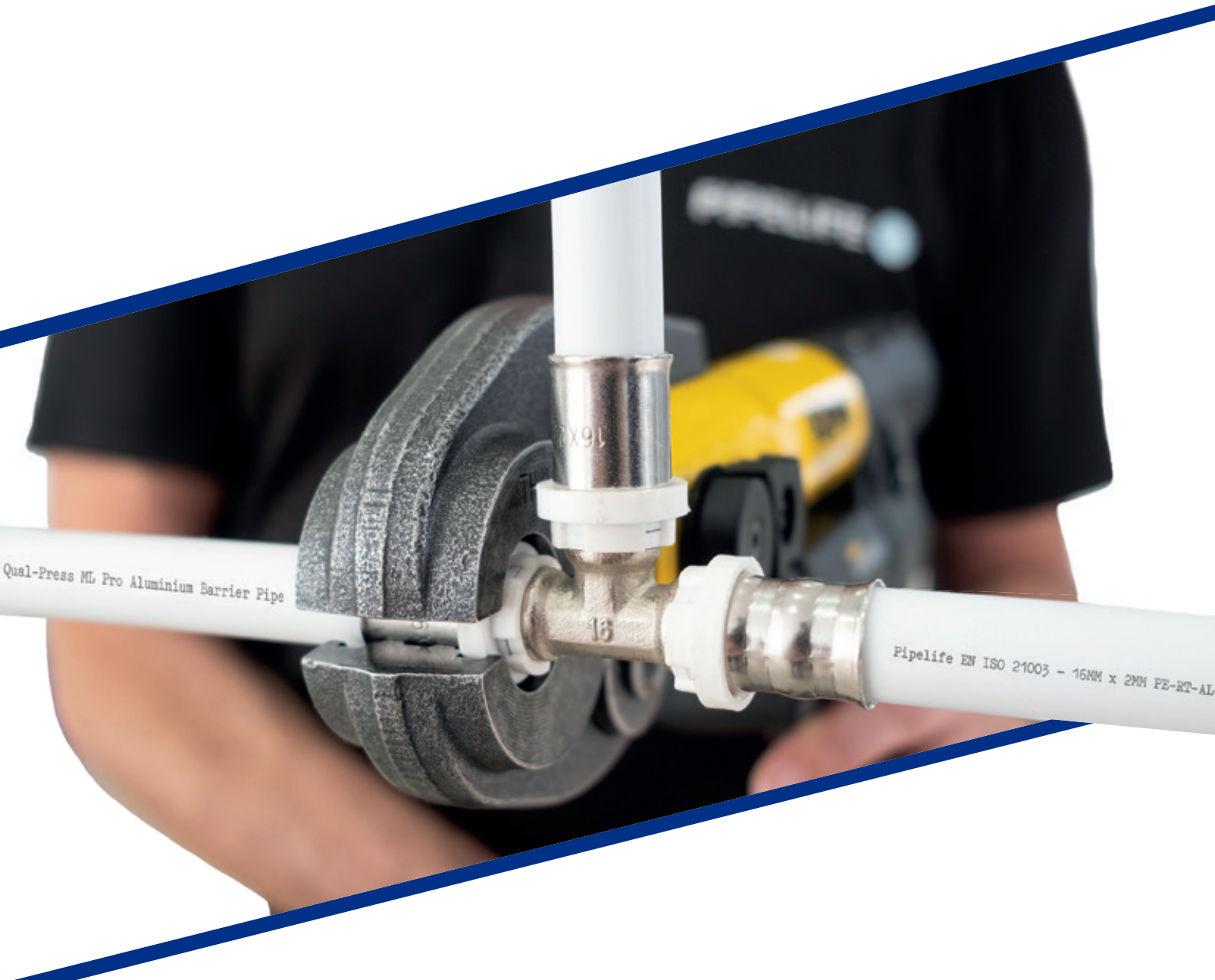


Qual-Press ML PRO

Aluminium Barrier Pipe



PIPELIFE



PIPELIFE IRELAND SOLUTIONS LIMITED
Little Island, Cork, T45 TX05
T +353 21 488 4700 / +353 21 451 0600 E Ireland@pipelife.com pipelife.ie



Meet the **Newest Member** of the **Pipelife Family!**

Introducing The New **Qual-Press ML PRO Aluminium Pipe System.**

Pipelife is delighted to announce the newest addition to our renewable heating solutions family: the Qual-Press ML PRO Pipe. With full BS7291-Class S and WRAS approvals, specifiers and installers alike can have full confidence in the quality and reliability of this new range.

To keep installers supplied with the right top-quality products, the range includes:

- Pipe sizes of 16mm x 2mm, 20mm x 2mm, 26mm x 3mm and 32mm x 3mm.
- Plain white and red or blue insulated coils.
- 25m, 50m, 100m, 400m and 500m coils.



Manufacturing Insights

Pipelife manufacturing process from start to finish, meaning that every coil of our Qual-Press ML PRO Pipe is guaranteed from concept to delivery! Each aspect of the pipe is manufactured under the ISO 9001:2015 Quality Management System and our quality assurance team stringently tests performance throughout production. As a testament to our confidence and pride in our manufacturing processes, the new Qual-Press ML PRO Pipe comes with a market-leading 50-year guarantee.

Each pipe is made of a layer of aluminium, sandwiched between two layers of Pert. The metal layer cleverly serves as an oxygen barrier and stops oxygen diffusion through a polymer matrix. This means that oxygen cannot dissolve into the water in the tube and corrode the metal components of the system. As well as offering optimum durability, the Qual-Press ML PRO Pipe bends more effectively than conventional piping as the shape memory of the Pert is offset by the aluminium.

Pipelife ML PRO – THIS IS WHY

- This is a more cost effective pipe system when compared with conventional piping systems
- All the combined advantages of metal and plastic pipes
- Lightweight, flexible and maintains its shape after bending
- Cost effective - requires less fittings than traditional methods
- *Frost resistance* - Due to their flexibility, our new multilayer aluminium pipes will simply expand in the case of frost. This reduces the break risk that may be posed by standard metallic pipes.
- *Low thermal conductivity* - The multiple layers of our new aluminium pipe system offer low thermal conductivity, reducing heat losses to produce energy savings.
- *Lightweight* - With a lightweight and flexible construction, handling, transport and installation of the Qual-Press ML PRO Pipe is a breeze.
- *Noise reduction* - Whereas metallic pipes can produce significant noise at any water speed exceeding 1m/second, our new aluminium pipes stay quiet up to speeds of 2.5m/second.
- *Corrosion resistant* - Multilayer pipes contain a great number of chemical agents including acids and bases that are resistant to corrosion.
- *Longlife* - Even at high temperatures and pressure, the lifetime of the new Qual-Press ML PRO Pipe can reach 50 years.
- *Suitable for drinking water* - the pipe's multiple layers retain the organoleptic properties of water, ensuring its use is allowed by European Union authorities.

COMPATIBILITY of the Qual-Press ML PRO Aluminium Pipe System

The innovative Qual-Press ML PRO Pipe is ideally suited for all domestic heating systems including underfloor heating and can be used with any suitably approved or certified Press fitting.



Tiemme

PF press

Emmett

Instantor Press

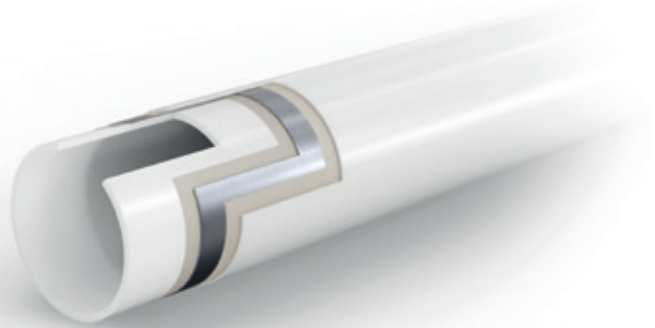
Presstite

Ape

Comisa

Rifeng

* (i.e meeting Irish Agreement Board requirements and/or relevant European Standards, i.e. fittings manufactured to EN ISO 21003).
This guarantee is subject to our standard terms and conditions.



Meet the Newest Member of the Pipelife Family!



PLAIN COILS

CODE	DESCRIPTION
3095101020	Qual-Press ML PRO 16x2x100m H&C
3196003915	Qual-Press ML PRO 16 x2x400m H&C
3095101019	Qual-Press ML PRO 16x2x500m H&C
3095101021	Qual-Press ML PRO 20x2x100m H&C
3095101022	Qual-Press ML PRO 26x3x50m H&C
3095101023	Qual-Press ML PRO 32x3x50m H&C



INSULATED COILS

CODE	DESCRIPTION
3095101011	Qual-Press ML PRO 16x2x100m 6mm INS BLUE
3095101012	Qual-Press ML PRO 16x2x100m 6mm INS RED
3095101013	Qual-Press ML PRO 20x2x100m 6mm INS BLUE
3095101014	Qual-Press ML PRO 20x2x100m 6mm INS RED
3095101015	Qual-Press ML PRO 26x2x50m 6mm INS BLUE
3095101016	Qual-Press ML PRO 26x2x50m 6mm INS RED
3095101017	Qual-Press ML PRO 32x3x25m 6mm INS BLUE
3095101018	Qual-Press ML PRO 32x3x25m 6mm INS RED



Our New Qual-Press ML PRO is also an universal pipe that can be used with any other suitably Approved/Certified Press Fittings *

– Talk to your Local Sales Rep for more information

Another Game Changer from Pipelife!

* (i.e meeting Irish Agreement Board requirements and/or relevant European Standards, i.e. fittings manufactured to EN ISO 21003). This guarantee is subject to our standard terms and conditions.

Qual-Press ML PRO

Aluminium Barrier Pipe



Product description

16mm x 2mm, 20mm x 2mm, 26mm x 3mm and 32mm x 3mm AL-PERT multilayer pipes available in plain white & red and blue insulated coils. Available in 25M, 50M, 100M, 400M & 500M coils.

Field of application

Product is suitable for heating and plumbing applications for domestic, commercial & industrial applications in addition to drinking water applications.

Certification

Al-Pert is manufactured and tested in an ISO 9001:2015 accredited manufacturing facility and is certified to EN ISO 21003. Material is WRAS approved for drinking water applications.

Product guarantee

Scope of the guarantee is for a minimum period of 50 years.

Pipe layering - technical information

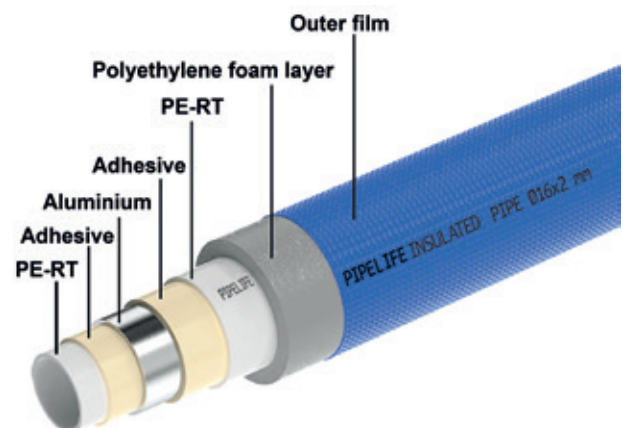
1. Polyethylene inner pipe (PE-RT).
2. An adhesive layer bonding the inner pipe to the aluminum oxygen barrier.
3. Butt-welded aluminum oxygen barrier layer.
4. An adhesive layer bonding the outer pipe to the aluminum oxygen barrier.
5. Polyethylene outer pipe (PE-RT).
6. 6mm insulation available in red and blue.

Joining

Pipes are suitable for joining with press and compression fittings.

Key performance data

Max. Operating temperature: 95C.
Max. Operating pressure: 10bar.
Coefficient of linear expansion: 0.026 mm/m K.
Minimum bending radii: 5 X pipe outer diameter.
Oxygen diffusion: 0 mg/ld.
Thermal conductivity: 0.43 W/mK.





PIPELIFE

Qual-Press ML PRO FITTINGS

Product Overview

Every fitting features two EPDM O rings on each connection which, when pressed correctly, delivers a water-tight seal in seconds. Quick to install in three simple steps - Cut, Calibrate & Press, saving on time and costs as less fittings are required when compared with traditional plumbing methods. Qual-Press ML PRO Press fittings are designed for use in sanitary water supply and heating systems.

- Max Operating Pressure: 10 bar
- Max Operating Temperature: 95°C
- Max Peak Temperature (at 1 hour): 110°C
- Brass body manufactured from CW617N brass to EN ISO 21003.
- Suitable for use with the following pipes:
 - o Aluminium plastic composite /PE-X / PE-RT / PB/ Steel plastic composite
 - o Manufactured as standard for use with Aluminium plastic composite pipe.
- Operating Temperatures 0°C to 110°C
- 304 Stainless Steel sleeves
- Application class: 2/6 bar, class 5/6 bar
- Sizes: 16mm, 20mm, 26mm & 32mm -
- WRAS Approved
- TH profile
- EPDM O-rings



INSTALLATION INSTRUCTIONS

1. Cut

- Cut the pipe squarely to desired length using an appropriate cutting tool



2. Calibrate

- Insert the reamer into the cut pipe and rotate, pushing slightly to remove all burrs and rough edges. NOTE, a poorly calibrated pipe could damage the O rings on insertion.



3. Connect and Press

- Connect the pipe and fitting and check pipe is fully inserted in the inspection windows. The white of the pipe must be viewable through these holes.

DO NOT USE SEALING AGENTS SUCH AS PTFE TAPE OR JOINTING COMPOUND. Use TH Profile Jaws to press.



FITTINGS

Qual-Press Coupler

CODE	DESCRIPTION	BAG QTY
1533000035	16mm	10
1533000037	20mm	10
1533000040	26mm	10
1533000044	32mm	5



Qual-Press Elbow

CODE	DESCRIPTION	BAG QTY
1533000159	16mm	10
1533000160	20mm	10
1533000161	26mm	10
1533000162	32mm	5



Qual-Press Tee

CODE	DESCRIPTION	BAG QTY
1533000064	16mm	10
1533000067	20mm	10
1533000008	26mm	10
1533000083	32mm	5



Qual-Press Reducing Tee

CODE	DESCRIPTION	BAG QTY
1533000006	20mm x 16mm x 20mm	10
1533000007	20mm x 20mm x 16mm	10
1533000065	16mm x 20mm x 16mm	10
1533000066	20mm x 16mm x 16mm	10
1533000068	20mm x 26mm x 20mm	10
1533000069	26mm x 16mm x 20mm	10
1533000070	26mm x 16mm x 26mm	10
1533000071	26mm x 20mm x 16mm	10
1533000072	26mm x 20mm x 20mm	10
1533000073	26mm x 20mm x 26mm	10
1533000074	26mm x 26mm x 16mm	10
1533000075	26mm x 26mm x 20mm	10
1533000076	26mm x 32mm x 26mm	5
1533000077	32mm x 16mm x 32mm	5
1533000078	32mm x 20mm x 26mm	5
1533000079	32mm x 20mm x 32mm	5
1533000080	32mm x 26mm x 26mm	5
1533000081	32mm x 26mm x 32mm	5
1533000082	32mm x 32mm x 26mm	5



Qual-Press Reducing Straight

CODE	DESCRIPTION	BAG QTY
1533000036	20mm x 16mm	10
1533000038	26mm x 16mm	10
1533000039	26mm x 20mm	10
1533000041	32mm x 16mm	5
1533000042	32mm x 20mm	5
1533000043	32mm x 26mm	5



Qual-Press Straight Male Adaptor

CODE	DESCRIPTION	BAG QTY
1533000125	16mm x 1/2" M	10
1533000128	20mm x 3/4" M	10
1533000129	26mm x 3/4" M	10
1533000130	26mm x 1" M	10
1533000131	32mm x 1" M	5



Qual-Press Straight Female Adaptor

CODE	DESCRIPTION	BAG QTY
1533000137	16mm x 1/2" F	10
1533000139	20mm x 3/4" F	10
1533000140	26mm x 3/4" F	10
1533000141	26mm x 1" F	10
1533000142	32mm x 1" F	5



Qual-Press Elbow Male Adaptor

CODE	DESCRIPTION	BAG QTY
1533000166	16mm x 1/2" M	10
1533000168	20mm x 3/4" M	10
1533000169	26mm x 3/4" M	10
1533000170	26mm x 1" M	10
1533000171	32mm x 1" M	5



Qual-Press Elbow Female Adaptor

CODE	DESCRIPTION	BAG QTY
1533000180	16mm x 1/2" F	10
1533000182	20mm x 3/4" F	10
1533000183	26mm x 3/4" F	10
1533000184	26mm x 1" F	10
1533000185	32mm x 1" F	5



Qual-Press Ball Valve

CODE	DESCRIPTION	BAG QTY
1533000001	16mm	5



Qual-Press Calibrator

CODE	DESCRIPTION	BAG QTY
3095903888	Router & Calibrator	1



TOOLS AND ACCESSORIES



REMS 14.4 Mini Press ACC Cordless Radial Pressing tongs - M15, M22, M28

REMS Li-Ion technology is the benchmark as regards to efficiency and user-friendliness. The high energy density of the Li-Ion batteries allow for approx 50% more presses at 30% less weight. Powerful 14.4 V battery motors press 20% faster. Environmentally friendly due to being cadmium free.

REMS 578013 Mini Press ACC Cordless Radial Press Features

- o Universal up to 40mm.
- o Ultra light and ultra-small.
- o Only 340mm long.
- o 360 degree rotatable.
- o Cordless radial press with automatic return after pressing cycle ideal for producing press connections 10mm - 40mm.
- o For driving REMS mini pressing tongs rotating pressing tong seat with automatic locking.
- o Electro-hydraulic drive with powerful 14.4v 420 watt battery motor, robust planetary gear, eccentric reciprocating pump and compact high power hydraulic system.
- o Safety switch.
- o Weight 2.4kg.

Cordless radial press Li-Ion with automatic circuit control for producing pipe pressing joints 10-40mm in diameter. For operation with REMS pressing tongs Mini. Swiveling pressing tongs seat with automatic locking. Electro-hydraulic drive with passage strong 14.4 V 420 W battery motor, robust planetary gear, eccentric reciprocating pump and compact powerful hydraulic system, safety tip switch. Li-Ion 14.4V 1.3Ah battery, rapid charger Li-Ion/Ni-Cd 230V 50-60Hz 65W. In a sturdy steel case.

REMS Mini-Press ACC 578010 Includes:

REMS Mini-Press ACC Li-Ion Bare Unit

2 x Li-Ion 14.4v 1.65 AH Batteries

M15 Jaw

M22 Jaw

M28 Jaw)

Sturdy Steel Case

TRAINING ACADEMY

**TO BOOK YOUR PLACE -
CALL 021 488 4700
E-MAIL - IRELAND@PIPELIFE.COM**



TRAINING AVAILABLE FOR -

- Heat Pumps
- Underfloor Heating
- Smart Controls
- Heat Recovery Units
- Qual-Pex Plus+ Pipe & Fittings
- Qual-Press ML PRO Pipe & Fittings

Courses can also be structured to suit your requirements

CPD Accredited
Training Courses
also available for
Architects, Engineers,
Energy Assessors
etc.





28 manufacturing facilities across 24 countries and growing.

We are one of the world's leading providers of plastic pipe and heating solutions and we provide current and future generations around the world with safe, healthy and carefree living.