Qual-Pex ML Pro

PIPELIFE QUAL-PEX
PIPING SYSTEMS

PIPELIFE



wienerberger

Qual-Pex ML Pro making quality connections everywhere



Backed by a Premier Warranty
With Pipelife plumbing systems, you get a market leading 50-year guarantee offering you more certainty to install with confidence.

Comprehensive Offering
Choose the system you prefer and pair it with our extensive range of fittings and plumbing products from our family of brands – all under the same guarantee.

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

Qual-Pex System Solutions

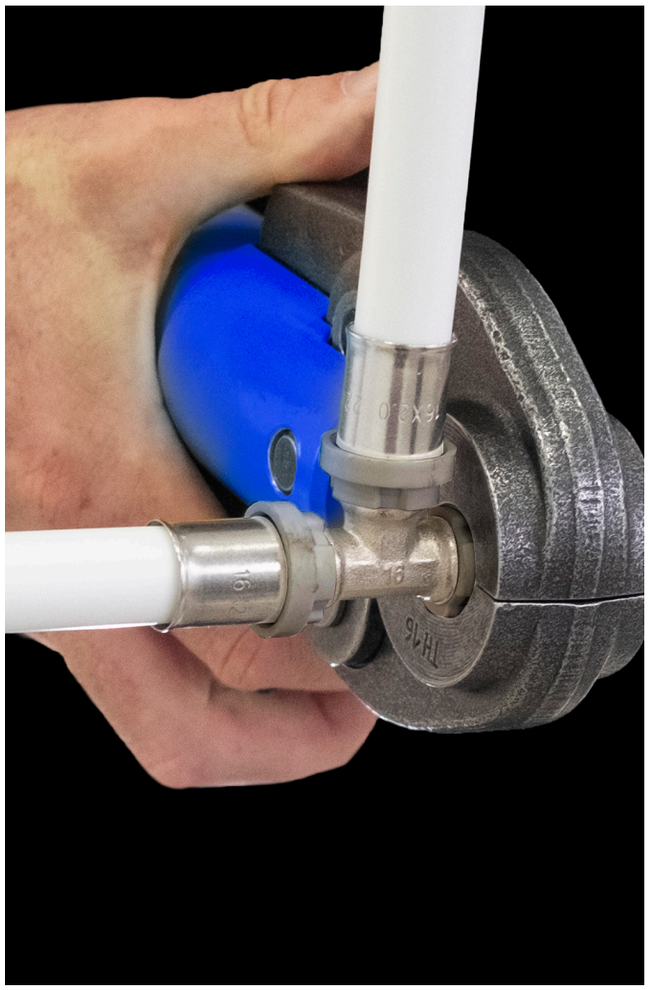
Pipelife has you covered with a wide variety of high-quality products and a warranty you can count on.

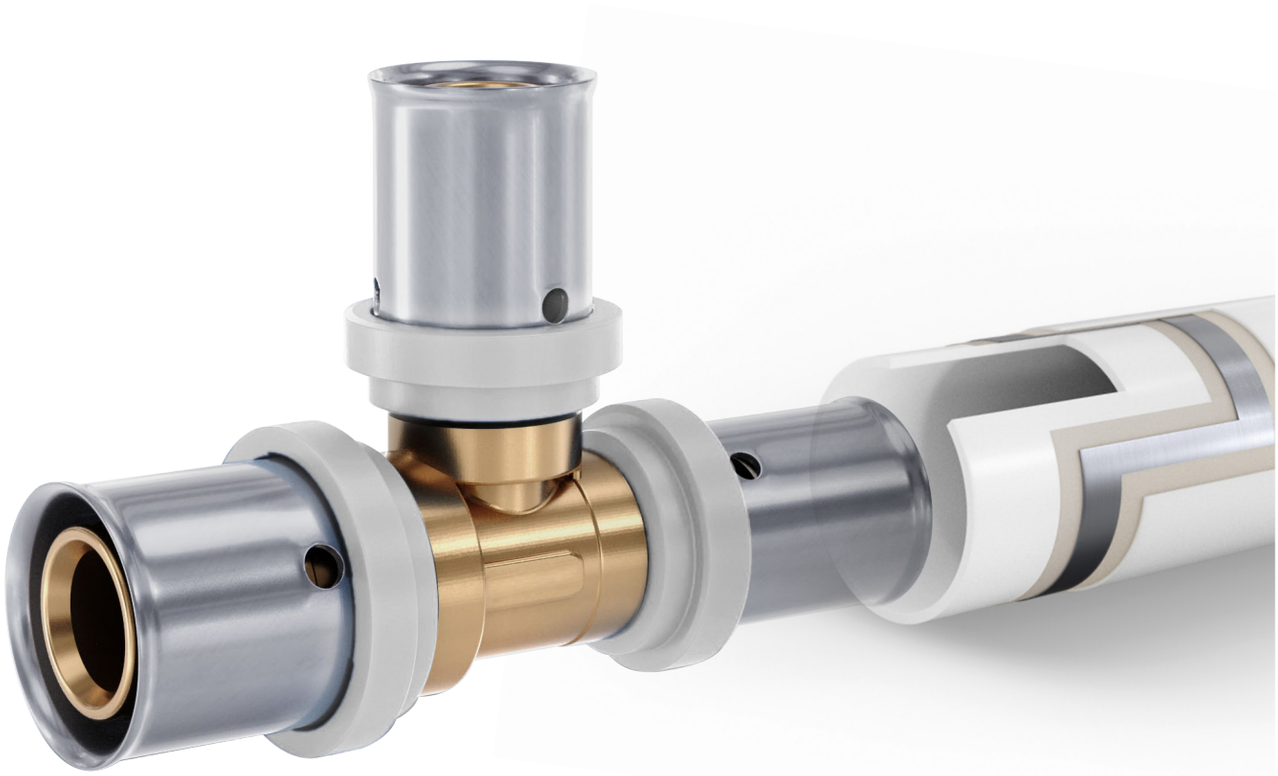
With a heritage dating back to 1970, Pipelife is a recognised market-leading manufacturer and supplier of innovative, certified heating and plumbing products. Products are designed and made to last and undergo rigorous testing and quality control procedures.

Customer support is provided through multiple channels with a dedicated team for after sales and an experienced technical department to help with any queries.

Put your trust in Pipelife: 55 years of proud Irish manufacturing & serving the Irish plumbing & heating industry.

All Qual-Pex Press Systems are accompanied by free competency training and certification, carried out by our own in-house qualified technicians.





Qual-Pex ML PRO Pipe & Fittings. The newest member of the Pipelife family.



- Our Pipe is manufactured and tested in an ISO 9001: 2015 accredited manufacturing facility and is certified to EN ISO 21003.
- WRAS approved for total peace of mind
- Market Leading 50 Year Guarantee
- Trusted quality from the makers of Qual-Pex Pipe

With this new range, specifiers and installers can have complete confidence in performance, reliability, and long-lasting results.

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-Pex 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-Pex 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-Pex ML PRO Pipe bends more effectively than conventional piping as the shape memory of the Pert is offset by the aluminium.



Product certificate
K99775/01

kiwa

CERTIFICATE

Radopress inhouse pipes

STATEMENT BY KIWA

Pipelife Nederland B.V.

ML PRO Pipe Key Features

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



Compatibility of the Qual-Pex ML PRO Pipe System

The innovative Qual-Pex ML PRO Pipe range 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


EMMETTI


INSTANTOR PRESS

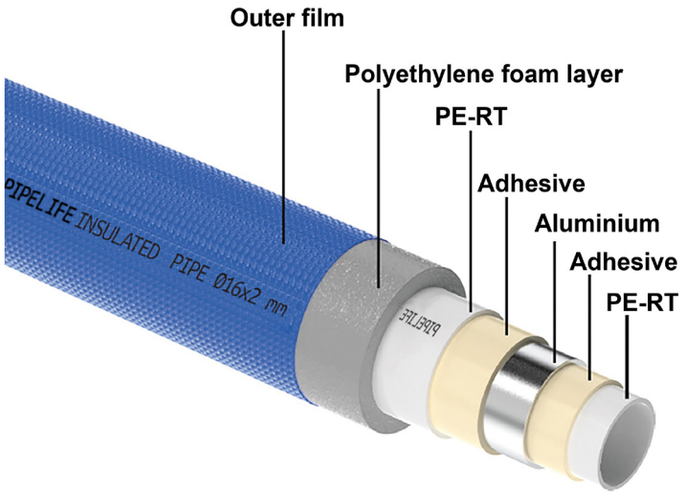

PRESSTITE


APE


COMISA


RIFENG

Qual-Pex ML PRO Pipe. Connected in Quality.





Qual-Pex ML PRO pipes are filling the gap between steel and plastic pipes, setting new standards for the distribution of hygienic hot and cold water. The embedded aluminium layer within our Qual-Pex ML PRO pipes helps to make them incredibly resilient against temperature changes, pressure stroke loading, torsion and tension. This results in a long service life of not just our pipes, but the whole housing applications as well.

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 and 400M 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 aluminium oxygen barrier.
3. Butt-welded aluminium oxygen barrier layer.
4. An adhesive layer bonding the outer pipe to the aluminium oxygen barrier.
5. Polyethylene outer pipe (PE-RT).
6. 6mm insulation available in red and blue.

Jointing

Pipes are suitable for jointing 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.

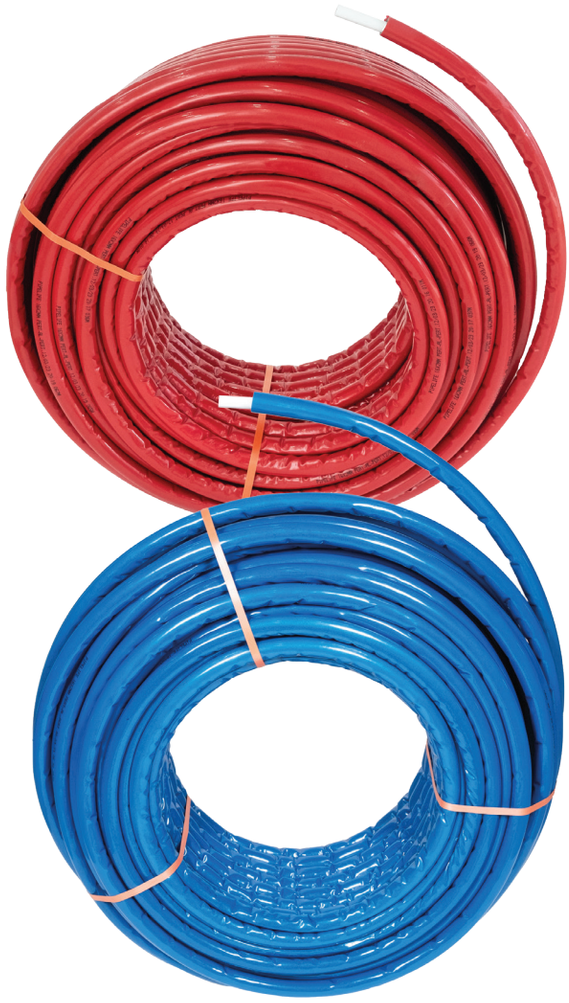
Qual-Pex ML PRO - Coils

Material Code	Description
3196004770	16mm x 400m
3196004864	16mm x 100m
3196004717	20mm x 100m
3196004719	26mm x 100m
3196004720	32mm x 50m



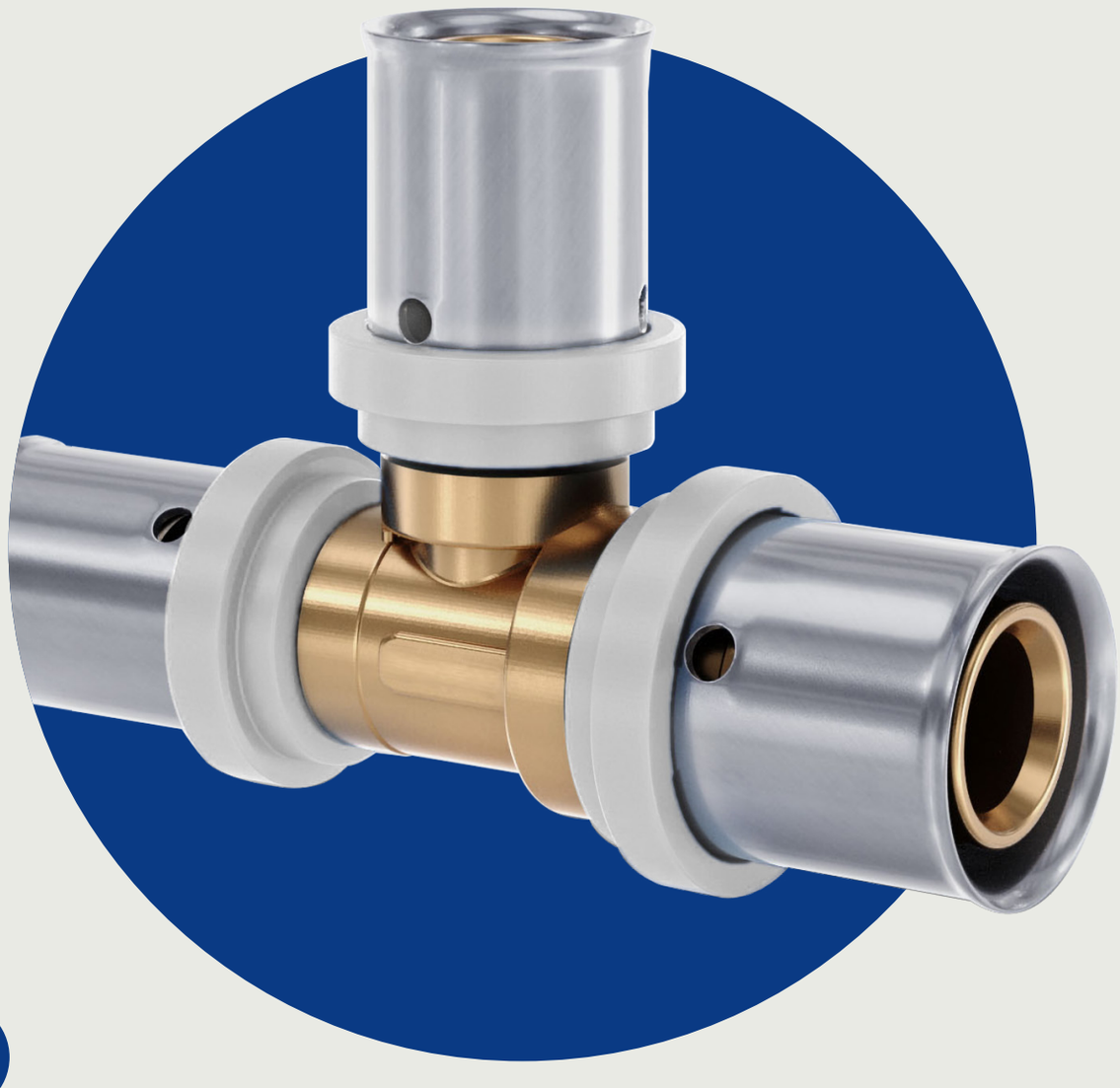
Qual-Pex ML PRO Insulated Pipe - Coils

Material Code	Description	Insulation	Colour
1533001222	16mm x 100m	6mm	Blue
1533001223	16mm x 100m	6mm	Red
1533001224	20mm x 50m	6mm	Blue
1533001225	20mm x 50m	6mm	Red
1533001226	26mm x 50m	6mm	Blue
1533001227	26mm x 50m	6mm	Red
1533001228	32mm x 25m	6mm	Blue
1533001229	32mm x 25m	6mm	Red



Make the quality connection with Qual-Pex ML PRO Press Fittings

Discover the new Qual-Pex ML PRO Fitting Range - a comprehensive selection of high-performance fittings designed to suit every job, every time.



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.

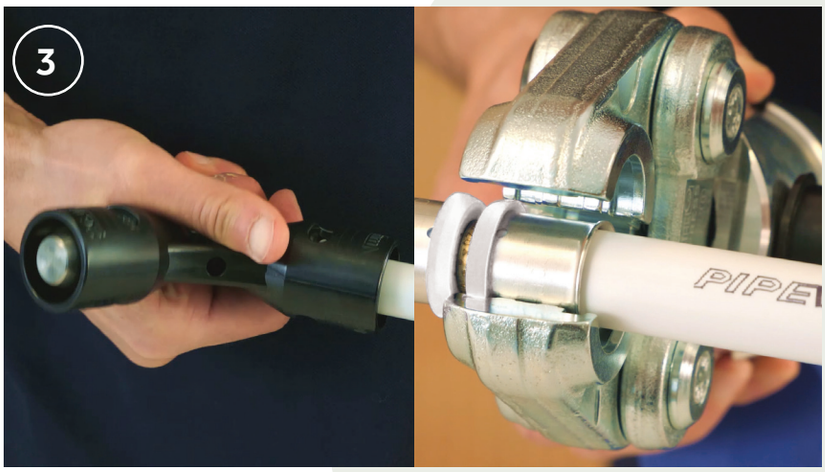
INSTALLATION INSTRUCTIONS



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.

QUAL-PEX - ML PRO PRESS FITTINGS

QP10 Straight Coupler



Material Code	Description	Bag Qty
1533000035	16mm	10
1533000037	20mm	10
1533000040	26mm	10
1533000044	32mm	5

QP10 Straight Reducer



Material 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

QP13 – Copper to Press Adaptor



Material Code	Description	Bag Qty
3095904034	1/2" X 16mm	10
3095904035	3/4" X 20mm	10
3095904036	1" X 26mm	10
3095904037	1" X 32mm	5

QP11 Straight Male Adaptor



Material Code	Description	Bag Qty
1533000035	16mm	10
1533000037	20mm	10
1533000040	26mm	10
1533000044	32mm	5

QP12 Straight Female Adaptor



Material Code	Description	Bag Qty
1533000137	16mm x ½" F	10
1533000139	20mm x ¾" F	10
1533000140	26mm x ¾" F	10
1533000141	26mm x 1" F	10
1533000142	32mm x 1" F	5

QP14 Spigot



Material Code	Description	Bag Qty
3095904028	1/2" X 16mm	10
3095904029	3/4" X 20mm	10
3095904030	1" X 26mm	10
3095904031	1" X 32mm	5

QP15 Elbow



Material Code	Description	Bag Qty
1533000159	16mm	10
1533000160	20mm	10
1533000161	26mm	10
1533000162	32mm	5

QP15 Radiator Extension Elbow



Material Code	Description	Bag Qty
3095904042	16mm x 300mm	1

QUAL-PEX - ML PRO PRESS FITTINGS

QP16 Elbow Male Adaptor



Material Code	Description	Bag Qty
1533000166	16mm x ½" M	10
1533000168	20mm x ¾" M	10
1533000169	26mm x ¾" M	10
1533000170	26mm x 1" M	10
1533000171	32mm x 1" M	5

QP17 Elbow Female Adaptor



Material Code	Description	Bag Qty
1533000180	16mm x ½" F	10
1533000182	20mm x ¾" F	10
1533000183	26mm x ¾" F	10
1533000184	26mm x 1" F	10
1533000185	32mm x 1" F	5

QP18 Equal Tee



Material Code	Description	Bag Qty
1533000064	16mm	10
1533000067	20mm	10
1533000008	26mm	10
1533000083	32mm	5

QP Shower Bracket



Material Code	Description	Bag Qty
3095904041	1/2" x 16mm	1

QP80 Lever Ball Valve



Material Code	Description	Bag Qty
1533000001	16mm	1
3095904025	20mm	1
3095904026	26mm	1
3095904027	32mm	1

QP25 Straight Tap Connector



Material Code	Description	Bag Qty
3095904032	16mm X 1/2"	10
3095904033	20mm X 3/4"	10

QP18 Reducing Tee



Material 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

QP20 Nut & Insert Adaptor to Copper Compression



Material Code	Description	Bag Qty
3095904043	14.5/15mm x 16mm	10
3095904039	3/4" x 20mm	10
3095904038	1" x 26MM	10

Trustworthy Connections with Qual-Pex ML PRO Press Fittings

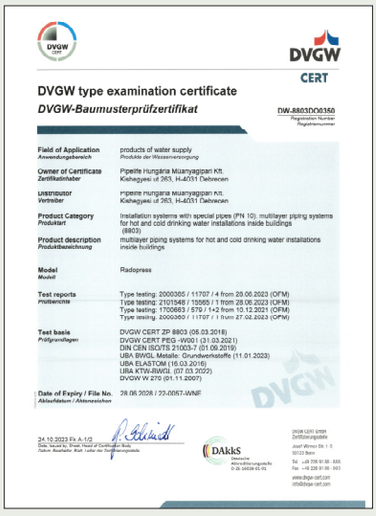
Our Pipe & Fittings ensure safety, compliance, and quality so you can provide assurance that they meet strict public health, performance, and material standards.

Third-party testing to confirm suitablity for intended use is especially for critical applications like drinking water, and helps mitigate risks from leaks and failures.

For more information please visit Pipelife.ie

E-mail: ireland@pipelife.com

Call the Pipelife Sales office on +353 21 4884700



DVGW type examination certificate

DVGW-Baumusterprüfzertifikat

DW-8803DO0350

Registration Number / Registriernummer

Field of Application / Anwendungsbereich	products of water supply / Produkte der Wasserversorgung
Owner of Certificate / Zertifikatinhaber	Pipelife Hungaria Műanyagipari Kft. Kisfaludy út 263, H-4031 Debrecen
Distributor / Vertreiber	Pipelife Hungaria Műanyagipari Kft. Kisfaludy út 263, H-4031 Debrecen
Product Category / Produktart	Installation systems with special pipes (PN 10): multilayer piping systems for hot and cold drinking water installations inside buildings (8803)
Product description / Produktbezeichnung	multilayer piping systems for hot and cold drinking water installations inside buildings
Model / Modell	Radopress
Test reports / Prüfberichte	Type testing: 2000305 / 11707 / 4 from 28.06.2023 (OFM) Type testing: 2101548 / 15565 / 1 from 28.06.2023 (OFM) Type testing: 1700883 / 570 / 1+2 from 10.12.2021 (OFM) Type testing: 2000305 / 11707 / 1 from 27.04.2023 (OFM)
Test basis / Prüfgrundlagen	DVGW CERT ZP 8803 (05.03.2018) DVGW CERT PEG -W00 I (31.03.2021) DIN CEN ISO/TS 21003-7 (01.09.2019) UBA BWGL Metalle: Grundwerkstoffe (11.01.2023) UBA ELASTOM (16.03.2016) UBA KTW-BWGL (07.03.2022) DVGW W 270 (01.11.2007)
Date of Expiry / File No. / Ablaufdatum / Aktenzeichen	28.06.2028 / 22-0067-WNF

24.10.2023 Fk A-1/2

Dipl.-Ing. Harald Fuchs, Head of Certification Body / Leiter der Zertifizierungsstelle

DVGW CERT GmbH Zertifizierungsstelle Josef-Wirmer-Str. 1-3 53123 Bonn

Tel. +49 228 91 88 - 885 Fax: +49 228 91 88 - 993

www.dvgw-cert.com info@dvgw-cert.com

DAkkS Deutsche Akkreditierungsstelle D-ZE-14038-01-00



WRAS WATER REGULATIONS APPROVAL SCHEME

WRAS PRODUCT APPROVAL CERTIFICATE

Approval Number

241102086

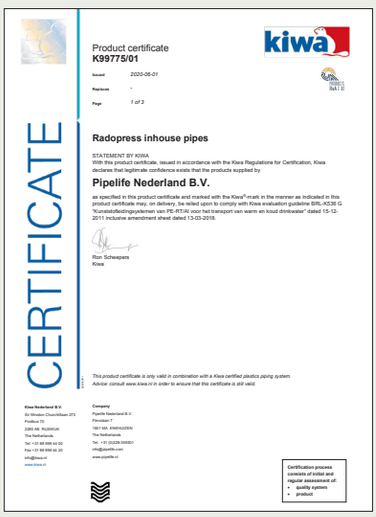
Field of application	Products complying with the Water Supply (Water Fittings) Regulations 1999 (England & Wales), the Water Supply (Water Fittings) (Scotland) Byelaws 2014 and the Water Supply (Water Fittings) Regulations (Northern Ireland) 2009.
Approval holder	Pipelife Ireland Solutions Ltd
WRAS directory section	1100
Product type	Fittings and Pipe - Compatible Systems
Model	RANGE OF PIPE & FITTINGS (FOR MODELS AND SIZES COVERED BY THE SCOPE OF THIS APPROVAL PLEASE CONSULT THE WRAS ONLINE DIRECTORY AND/OR ACCOMPANYING WRAS APPROVAL LETTER)
Basis of compliance	Tested to regulators Specification Test Code Sheets
Valid from	1st November 2024
Date of expiry	30th November 2029
Authorised by	Ian Hughes, WRAS Approvals Manager

The certificate by itself is not evidence of a valid WRAS Approval. The certificate must always be cleared with the supporting letter. Confirmation of the current status of an approval must be obtained from the WRAS Approvals Directory (www.wrasapprovals.co.uk/directory/)

WRAS APPROVED PRODUCT

UKAS

Certificate issued: 27th March 2025



CERTIFICATE

Product certificate

K99775/01

Issued	2020-06-01
Replaces	-
Page	1 of 3

kiwa

Radopress inhouse pipes

STATEMENT BY KIWA

With this product certificate, issued in accordance with the Kiwa Regulations for Certification, Kiwa declares that legitimate confidence exists that the products supplied by

Pipelife Nederland B.V.

as specified in this product certificate and marked with the Kiwa®-mark in the manner as indicated in this product certificate may, on delivery, be relied upon to comply with Kiwa evaluation guideline BRL-K536 G "Kunststofleidingsystemen van PE-RT/Al-vezel het transport van warm en koud drinkwater" dated 15-12-2011 inclusive amendment sheet dated 13-03-2018.

Ron Scheepers
Kiwa

This product certificate is only valid in combination with a Kiwa certified plastics piping system. Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.

Kiwa Nederland B.V.
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Tel. +31 88 998 44 00
Fax +31 88 998 44 20
info@kiwa.nl
www.kiwa.nl

Company
Pipelife Nederland B.V.
Pannebier 7
1851 MA ENKHUIZEN
The Netherlands
Tel.: +31 (0)228-350501
info@pipelife.com
www.pipelife.nl

Certification process consists of initial and regular assessment of
- quality system
- product



Approval Number 240450048
Test Report : J-00467487

WRAS APPROVED MATERIAL

UKAS

Water Regulations Approval Scheme Ltd.
Unit 13,
Willow Road,
Pen y Fan Industrial Estate,
Crumlin,
Gwent,
NP11 4EG

7th May 2024

Pipelife Ireland Solutions Ltd.
Little Ireland
Cork,
Ireland

WATER REGULATIONS APPROVAL SCHEME LTD. (WRAS)

MATERIAL APPROVAL

The material referred to in this letter is suitable for contact with wholesome water for domestic purposes having met the requirements of BS6920-1:2000 and/or 2014 'Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water'.

The reference relates solely to its effect on the quality of the water with which it may come into contact and does not signify the approval of its mechanical or physical properties for any use.

POLYETHYLENE- COMPONENTS. **5240**

'Qual-PRESS ML PRO Aluminium Barrier Pipe'.
Extruded, PE-RT/AlPE-RT comprising of a white, translucent inner layer, aluminium middle layer and white, translucent outer layer.

For use with water up to 85°C.

APPROVAL NUMBER: 240450048
APPROVAL HOLDER: PIPELIFE IRELAND SOLUTIONS LTD.

The Scheme reserves the right to review approval.
Approval 240450048 is valid between April 2024 and April 2029

An entry, as above, will accordingly be included in the Water Fittings Directory on-line under the section headed, "Materials which have passed full tests of effect on water quality".

The Directory may be found at: www.wrasapprovals.co.uk/approvals-directory/

Yours Faithfully

Ian Hughes
WRAS Approvals Manager

The Water Regulations Approval Scheme Ltd. Registered in England No. 2303294. Registered office: 63 Lowick Close, Hazell Down, Stockport, SK7 5BQ
Tel:+44(0)1491 592 487 Fax:+44(0)1491 592 648 Email:info@wrasapprovals.co.uk website:www.wrasapprovals.co.uk

WRAS-Appr-306Fc.wpd 3.0

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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.

PIPELIFE IRELAND SOLUTIONS LIMITED

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Unit 1B Damastown Way, Mulhuddart, Dublin 15. D15NN0F

T: +353 21 488 4700 **E: Ireland@pipelife.com pipelife.ie**

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