# PIPE

PIPES FOR LIFE



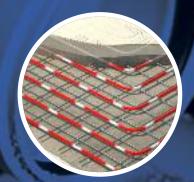












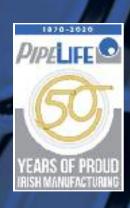


# TRADE BROCHURE

OVER 50 YEARS SERVING THE IRISH PLUMBING INDUSTRY







#### **COMPANY PROFILE**

Pipelife is Irelands leading manufacturer and provider of plastic piping systems. Specialising in the extrusion of polyethylene (PE) pipes, Pipelife offers industry leading products for the heating & plumbing, water pressure, electricity, cable ducting, gas and agricultural sectors.

Drawing on 50 years of manufacturing experience from our production plant in Cork, Pipelife has been to the forefront in developing innovative products, and has been an industry leader for many years. Quality and innovation continue to be the terms that define our philosophy and this is reflected in the range of products and systems that we manufacture to this day.

As well as being a leading edge manufacturer (ISO 9001 2015) of pipe for the Plumbing and Heating Industry, Pipelife has developed a true expertise in the design of heating systems to maximize the potential of Qual-PEX pipe. Many systems are straight-forward and are simply adapted from traditional metal pipe plumbing systems, but new methods of heating buildings are now being opened up with the use of thermoplastic pipe in applications such as wall heating, ceiling heating and most especially Underfloor Heating.

The experience and expertise of our Renewables Department coupled with the security of our design indemnity insurance, top quality materials, and comprehensive before and after sales technical support ensures that we continue to offer an industry leading service in this growing segment of the residential and commercial market. Selling exclusively through merchants our service is tailored to making the supply of renewable products & services easy, professional and painless.

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#### **Our Products - Your Benefits**









QUAL-PEX PLUS\*

EASY-LAY PIPES

#### Tried & Tested Technology -

Pipelife is Ireland's leading manufacturer of underfloor heating systems comprising of our new Qual-Pex Plus+ 'Easy-Lay' Heating & Plumbing Pipe. Get the Plus+ Advantage.

#### Full Design Service -

Our in-house engineers can provide detailed plans for the application of renewable technologies specific to an individual projects from domestic to commercial. These include full heat loss calculations, energy saving estimates, plus a complete product and accessory specification.

#### Customer Service -

When you choose Pipelife, you have the support of our experienced customer service team, as well as backup provided by our specialist service engineers. Our in-house designers work with homeowners, contractors, architects & consulting engineers across the country in projects ranging from residential homes, hospitals and nursing homes to warehouses and car showrooms.

#### Wide Distribution Network

Our full product range can be found in all leading merchants throughout Ireland. You can obtain a list of merchants within your area through our website www.pipelife.ie

#### Your One Stop Shop

At Pipelife we believe in providing our customers with a one-stop-shop for complete package solutions; from market-leading products, free initial advice, through to bespoke design, installation, final commissioning and technical support, allowing you to purchase with confidence.

#### Our Commitment

Pipelife is Ireland's leading and trusted supplier to the plumbing industry for the last 50 years and with the financial strength of being part of a leading multi-national group you can be sure that your Pipelife system will be fully supported. As an added re-assurance for our customers, Pipelife accepts full responsibility for the design of your system along with the specification, and supply of materials. We also carry full design indemnity and product liability insurance to cover all designs thus giving our customers peace of mind that when they choose Pipelife they choose quality products, reliable systems and an after sales commitment that is second to none.

#### Unbeatable 50 Year Warranty

As the pipe manufacturer, Pipelife guarantees the pipe for 50 years, which is vital when the pipe is being buried within the floor structure for the lifetime of the building.

For more information and to talk to our team call us on 021 488 4700 or e-mail us at ireland@pipelife.com



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**PUMPS** 





#### **Pipelife Know-How**

First and foremost, Pipelife is committed to designing bespoke energy efficient heating and domestic hot water systems that perform. But what sets us apart from our competitors is the way we work with our customers.

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#### **GET THE**

# PLUS+ADVANTAGE

with our NEW

Qual-pex Pipe and Fittings

FASY-LAY



Qual-Pex Plus+ 'Easy-Crimp'



Qual-Pex Plus+ 'Easy-Lay' Pipe in Pipe



Tectite System



Qual-Pex Plus+ 'Easy-Lay' Eco Insulated



White Qual-Pex Plus+ 'Easy-Lay' Multilayer Pipe



Qual-Pex Plus+ 'Easy-Lay' Eco Duo

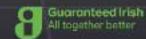








FAST | FLEXIBLE



#### MAKE THE MOVE TO THE NEXT EVOLUTION OF PLUMBING PIPE









- QUALITY YOU TRUST
- FLEXIBILITY YOU WANT
- VALUE YOU DESERVE

# 5 Reasons to use our New Qual-Pex Plus+ 'Easy-Lay' Pipe

Our new Qual-Pex Plus+ 'Easy-Lay' Pipe is more than meets the eye. It's been specially designed for the installer. It's amazingly flexible, incredibly efficient & versatile system;



- ✓ Ultra Flexible Our new Qual-Pex Plus+ 'Easy-Lay' Pipe is noticeably more flexible than other pipes. It's quick and easy to uncoil and the flexible material allows you to manoeuvre the pipe with complete ease. Increased flexibility delivers added value. Now easier and quicker to install using less materials and less labour. You save every time. Get the edge over your competition!
- ✓ Proven & Guaranteed With our market leading 50 Year Guarantee offering you more certainty to install with confidence
- ✓ Manufactured in Ireland Qual-Pex Plus+ 'Easy-Lay' is 100% Irish made and is manufactured to the most stringent standards allowing you to install with confidence. Plus with every purchase of Qual-Pex Plus+ 'Easy-Lay' Pipe you're supporting Irish Jobs!
- ✓ **Quality Choice** You choose a quality product manufactured by a trusted leader of Plumbing & Heating Pipe in Ireland with almost 50 years' experience. Your next phase of Plumbing Success Starts here!
- ✓ Versatile Qual-Pex Plus+ 'Easy-Lay' Pipe is designed to complement our existing ranges of Qual-PEX Plus+ 'Easy-Crimp' and Tectite fittings. The pipe is also recommended for use with standard brass compression fittings, and manifolds, as well as with some specific press and push-fit fittings. Available in Tan lengths and coils, in imperial sizes of ½" (14.7mm), ¾" (21.0mm), and 1" (27.4mm), and white multilayer sizes of 16mm, 20mm, 26mm & 32mm. Qual-PEX Plus+ 'Easy-Lay' will be provided in 'Pipe-in-Pipe' 'Eco-Pex' & Eco-DUO' formats.

#### **QUAL-PEX PLUS+ 'EASY-LAY' PLUMBING & HEATING PIPE**



#### QUAL-PEX PLUS+ 'EASY-LAY' PIPE

CODE	COILS	QTY	
3096700000	100m x 1/2"	1	
3096700020	50m x 3/4"	1	
3096700040	50m x 1"	1	

CODE	LENGTHS	QTY
3096700010	1/2" x 6m	20
3096700030	3/4" x 6m	20
3096700050	1" x 6m	10



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#### QUAL-PEX PLUS+ 'EASY-LAY' PIPE

- ✓ Qual-PEX Plus+ 'Easy-Lay' is approved for use under the following service conditions:
  - 12 Bar at 20°C
  - 4 Bar at 82°C
  - 3 Bar at 92°C
- Qual-PEX Plus+ "Easy-Lay" is designed to complement, with full compatibility, fitting ranges as follows:
  - o Qual-Pex Plus+ 'Easy-Crimp' Fittings
  - o Tectite Fittings
  - o Suitably approved 'Push-Fit fittings'

- "I love the flexibility of the new Qual-Pex Plus+ Easy-Lay Pipe. The Lack of spring makes it easier to handle and makes the install a lot quicker. I haveused all kinds of plumbing pipe but the Qual-Pex Plus+ Easy-Lay is by far the easiest to work with" JOHN McHALE BUILDING SERVICES
- o Suitably approved 'Compression fittings'
- o Suitably approved 'Press Fittings'













#### QUAL-PEX PLUS+ 'EASY-LAY' PIPE IN PIPE

#### **QUAL-PEX PLUS+ 'EASY-LAY' PIPE IN PIPE (IMPERIAL)**



#### **FEATURES**

- Our Pipe in Pipe range comes pre-installed with conduit
- Simply uncoil, cut and install No messy installation of the pipe in the conduit
- Saves you time, money and an environment where the chance of leaks are all but eliminated

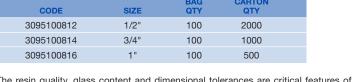
#### QUAL-PEX PLUS+ "EASY-LAY" PIPE IN PIPE

CODE	SIZE	BAG QTY
3096100500	1/2" x 100m	1
3096100515	3/4" x 50m	1

#### **QUAL-PEX PLUS+ 'EASY-LAY' PIPE INSERTS**

#### **QUAL-PEX PIPE INSERTS**

CODE	SIZE	BAG QTY	CARTON QTY
3095100812	1/2"	100	2000
3095100814	3/4"	100	1000
3095100816	1"	100	500



The resin quality, glass content and dimensional tolerances are critical features of Qual-PEX inserts and are tightly controlled. Pipelife Ireland Ltd will not, under any circumstances accept any responsibility or liability for any product or consequential damage caused due to a joint failure when a different insert is utilised whether on a pushfit or com pression joint.



#### QUAL-PEX PLUS+ 'EASY-LAY' MULTILAYER PIPE









- ✓ Qual-PEX Plus+ 'Easy-Lay' Multilayer Pipe is the next generation plumbing & heating pipe, for hot and cold water distribution services, as well as for central heating and underfloor heating systems.
- Qual-PEX Plus+ 'Easy-Lay' Multilayer Pipe is extremely flexible, with exceptional lay-flat capability, enabling faster, easier and more cost-effective installations. This pipe has been designed to provide the plumbing professional with a 'universal alternative' to the various other piping products on the market, and it will prove to be a more effective plumbing solution, for many applications where aluminium pipe might otherwise be considered.
- ✓ Qual-PEX Plus+ 'Easy-Lay' is approved for use under the following service conditions:
  - 12 Bar at 20°C
  - 4 Bar at 82°C
  - 3 Bar at 92°C
- Qual-PEX Plus+ 'Easy-Lay' Multilayer Pipe is designed to complement with full compatibility suitably approved/certified 'Press Fittings'.
- ✓ Qual-PEX Plus+ 'Easy-Lay' Multilayer Pipe is available in the following sizes in both lengths & coils 16mm, 20mm, 26mm & 32mm.
- ✓ Qual-PEX Plus+ 'Easy-Lay' Pipe enables the installer to undertake faster, easier and more cost-effective installation
- ✓ Qual-PEX Plus+ 'Easy-Lay' Multilayer can also be purchased pre-insulated Qual-PEX Plus+ 'Easy-Lay' Eco.
- ✓ Is 100% Irish Made and is manufactured to the most stringent standards allowing you to install with confidence.
- 50 Year Guarantee.

#### QUAL-PEX PLUS+ "EASY-LAY" MULTILAYER PIPE (WHITE)

CODE	COILS	QTY
3096700500	16mm x 2mm x 100m	1
3096700510	16mm x 2mm x 150m	1
3096700520	16mm x 2mm x 500m	1
3096700540	20mm x 2mm x 100m	1
3096700560	26mm x 3mm x 50m	1
3096700580	32mm x 3mm x 25m	1

	LENGTHS	
3096700530	16mm x 2mm x 6m	20
3096700550	20mm x 2mm x 6m	20
3096700570	26mm x 3mm x 6m	10
3096700590	32mm x 3mm x 6m	10

"The new Qual-Pex Plus+ 'Easy-Lay' Multilayer Pipe has exceeded our expectations. It is extremely flexible, with exceptional lay-flat capability, enabling faster, easier and more cost-effective installations. My crew have installed all kinds of underfloor heating pipe, but the new Qual-Pex Plus+ 'Easy-Lay' Multilayer Pipe is by far the easiest we have worked with. That's why we put our trust in Pipelife."

James Murphy, BroMur Energy Ltd



# GET THE PLUS+ADVANTAGE

with our NEW

**Multilayer Pipe** 

Our new Qual-Pex Plus+ 'Easy-Lay' Multilayer Pipe is a universal pipe that can be used with any \*suitably approved/certified Press fitting.

Just another Plus+ Advantage!!



 $<sup>^</sup>st$  (i.e meeting Irish Agrement 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









Pre-Insulated Qual-Pex Plus+ 'Easy-Lay' Pipe. From Pipelife, Ireland's leading manufacturer of Heating & Plumbing solutions.

#### **BENEFITS:**

- A pre-insulated Pipe to save time, money and energy costs for Domestic, Commercial and Industrial applications.
- Available in imperial sizes of 1/2", 3/4" & 1" in 50m Coils which are approved for use with Qual-Pex Plus+ 'Easy-Crimp', Tectite and compression fittings.
- Also available in multilayer sizes of 16mm, 20mm, 26mm & 32mm & are approved for use with suitably approved/certified Press-Fittings.
- · Manufactured in Ireland.
- 50 Year guarantee.
- Available through all leading merchants.

#### PRODUCT DESCRIPTION:

It is insulated with a high quality CFC-free and HCFC-free, blue or red flexible closed cell polyethylene pipe insulation. It has been designed to save time, money and energy costs and will improve the energy rating (BER) of any building.

#### THE INSULATION:

The insulation is high quality insulation with a low thermal conductivity. It is highly efficient in energy conservation and frost protection. It is non fibrous and creates no dust during installation or use. It has a durable PE-film covering allowing maximum protection against water penetration and maximum bonding with concrete. It is also designed to give mechanical protection for in-wall cavity pipelines, which includes resistance to building materials and has a pleasing coating for exposed areas.

PERFORMANCE CHARACTERISTICS			
Thermal Conductivity			
0°C	0.036 W(m - K)		
40°C	0.040 W(m - K)		
Wall Thickness of Insul	ation		
6mm	STANDARD		
	<b>3.1.11.27.11.12</b>		
Density			

HEAT LOSS RATES (in W/M)			
Hot Water Line Temp. 60 °C - Ambient Temp. 15 °C			
Pipe Size	Insulation Wa	all Thickness	
	0mm	6mm	
1/2" / 15mm / 16mm	33.38	13.45	
3/4" / 22mm / 20mm	39.93	15.24	
1" / 28mm / 26mm	45.25	17.88	
Central Heating Line Temp. 75 °C - Ambient Temp. 15 °C			
Central Heating Line Temp.	75 °C - Ambient	Гетр. 15 °С	
Central Heating Line Temp.  Pipe Size	75 °C - Ambient Insulation Wa		
	Insulation Wa	all Thickness	
Pipe Size	Insulation Wa	all Thickness	

#### QUAL-PEX PLUS+ "EASY-LAY" ECO

CODE	SIZE	PACK QTY
3095100550	1/2" x 50m - BLUE	1
3095100555	1/2" x 50m - RED	1
3095100560	3/4" x 50m - BLUE	1
3095100565	3/4" x 50m - RED	1
3095100570	1"x 50m - BLUE	1
3095100575	1" x 50m - RED	1

#### QUAL-PEX PLUS+ 'EASY-LAY' ECO MULTILAYER

CODE	SIZE	PACK QTY
3095100583	16mm x 2mm x 100m Blue	1
3095100584	16mm x 2mm x 100m Red	1
3095100585	20mm x 2mm x 50m Blue	1
3095100586	20mm x 2mm x 50m Red	1
3095100587	26mm x 3mm x 50m Blue	1
3095100588	26mm x 3mm x 50m Red	1
3095100589	32mm x 3mm x 25m White	1



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Qual-PEX Plus+ 'Easy-Lay' ECO Duo Pipe has been designed to simplify and speed up installation by utilising standard Irish size fittings and pipe and to greatly enhance energy conservation, thus reducing energy costs.

- Irish size pipe eliminates the need for expensive adaptors.
- Use with standard compression fittings & Qual-PEX inserts.
- Manufactured in IRELAND.
- 50 year guarantee.
- Available in coils of 100m.
- Coils can be cut to order.
- Range of end caps available.
- Available in all leading Merchants.

#### **APPLICATIONS:**

- Air/Water Heat Pumps.
- Geothermal Heat Pumps.
- Wood Pellet Boilers.
- Biomass & Biogas Boilers.
- External Gas and Oil Boilers & many more.

# PRODUCT DESCRIPTION:

Two pre-insulated, Qual-PEX Plus+ 'Easy-Lay' Pipes encapsulated in 125mm of high performance insulation protected within a corrugated PE-HD twin wall outer casing for maximum protection. Delivering industry leading thermal insulation properties using Ireland's leading plumbing and heating pipe.



Description	Value	Standard
Density	28 kg/m³	ISO 845
Tensile Strength	270kPa	ISO 1926
Water Absorption	<1.0 %	ISO 2896
Thermal Conductivity	0.036 W/mK	EN 12677
Flammability	B2 Normal	DIN 4102
Recommended	-50°C	

up to +°95C

#### THE INSULATION:

The insulation of Qual-PEX Plus+ 'Easy-Lay' ECO Duo Pipe consists of micro-cellular cross-linked polyethylene foam with a closed cellular structure, permitting low water vapour diffusion with good insulation resistance to extreme temperatures. Moreover, Qual-PEX Plus+ 'Easy-Lay' ECO Duo Pipe maintains these high insulation properties over time. This is due to the superior characteristics of the cross linked PE foam, compared to other insulation materials (e.g. PUR foam) which show a decline in their insulation capabilities over time. Its unique moving layers design allows maximum flexibility and very easy installation.

#### **INSTALLATION:**

There are no special tools or fittings required as both sizes of Qual-PEX pipes will fit with standard compression fittings that can be bought in any Hardware outlet. Simply dig your trench, lay the pipe in a serpentine pattern in the trench and back fill with sandy clay.

Allow 1% of the length of the pipe for expansion and contraction. Best practice would be to anchor the pipes at all fitting locations.

CODE	DESCRIPTION	SELLING UNIT PER METRE
3095100520	1"	1
3095100808	Dust Caps	1





#### MAKE THE QUALITY CONNECTION WITH OUR NEW QUAL-PEX PLUS+ 'EASY-CRIMP' SYSTEM

Welcome to the future of pipe systems. Where innovative connection techniques save you time and cut your costs. Users of Qual-PEX Plus+ 'Easy-Crimp' fittings will find installation much quicker, easier and more economical than other available systems.

Pipelife have developed an extensive range of quality crimp fittings which have complete compatibility with our Qual-PEX Plus+ 'Easy-Lay' pipe. The premium grade annealed aluminium protective metal sleeve is precisely attached to each fitting during production and is designed to provide a unique metal reinforced leak free joint.

Day after day, on job after job, the Qual-Pex Plus+ 'Easy-Crimp' System is the fastest, most reliable, most durable in the industry. With thousands of systems installed nationwide giving professionals the highest level of confidence in the Qual-Pex Plus+ 'Easy-Crimp' System. Put your trust in Pipelife.





#### QUAL-PEX PLUS+ 'EASY-CRIMP' SYSTEM GUARANTEE

Pipelife's guarantee on the Qual-Pex Plus+ 'Easy-Crimp' system against manufacturing ring defects is a minimum of 50 years.

The guarantee remains valid provided that the pipe and fittings are installed as per our recommended installation guidelines and that the products installed were not damaged before, during or after installation.

Guarantee only applies when Qual-Pex Plus+ 'Easy-Crimp' and Qual-PEX Plus+ 'Easy-Lay' pipe is used.

N.B. Qual-PEX Plus+ 'Easy-Crimp' fittings are designed exclusively for use with Qual-PEX Plus+ 'Easy-Lay' Pipe; Qual-PEX Plus+ 'Easy-Lay' insulated pipe and Qual-PEX Plus+ 'Easy-Lay' Pipe-in-pipe.



Example of an installation in Monasterevin, Co Kildare.
Saving on labour time is 50% over multilayer.

#### TESTIMONIAI S

"Very happy with how simple this system is. No inserts needed, huge cost saving on many levels, faster, cheaper than MLCP crimp, much lighter for transportation, will be widely available. No confusion on what profile, what jaws, availability of the fittings. Love the sleek finish. Only tools needed is a cutters and a clamp tool. This is a game changer"

Trevor Hill, Hill Heating & Plumbing, Cork.



Example of an installation in Kinsale, Co. Cork. Saving on labour time is 60% over compression.



- No Expensive tooling theft of other crimp tools a major problem, no insurance.
- No confusion over jaw profiles and wall diameter etc.
- No problems associated with mixing and matching systems.
- No difficulty pulling through joists.
- No issue fitting in studwork: Much smaller and neater.
- No risk of nut loosening behind stud wall Compression elbow v Qual-PEX Plus+ 'Easy-Crimp' System.
- No working with heavy press machines on site all day.
- No battery charging required
- No water/metal contact. Completely corrosion resistant.

- No joint preparation required FAST.
- No fitting required in base as per conduit shoe v compression elbow on copper.
- Availability of Manufacturers reps.
- Wide network of Qual-PEX stockists full range of multilayer not stocked in many merchants.
- Speed.
- Approval from engineers.
- Tooling up for the Qual-PEX Plus+ 'Easy-Crimp' System is inexpensive. This is a major benefit.
- As your company expands, no forking out thousands of Euro on tooling up.
- Simple, controlled and accurate joint - every time.
- 50 Year Guarantee.

Pipelife have developed an extensive range of quality crimp fittings which have complete compatibility with Qual-PEX Plus+ 'Easy-Lay' pipe. The premium grade annealed aluminium protective metal sleeve is precisely attached to each fitting during production and is designed to provide a unique metal reinforced leak free joint.

The polymer fittings are made from a high performance thermoplastic.

The polymer fittings can withstand high temperatures and are corrosion resistant. Users of Qual-PEX Plus+ 'Easy-Crimp' fittings will find installation much quicker, easier and more economical than other available systems.

The maximum operating temperature for the Qual-PEX Plus+ 'Easy-Crimp' System is 82°C. Please ensure that the system is suitably calibrated not to exceed these conditions.











NO REAMING OF PIPE



**NO PIPE GLUE** 





NO THEFT TEMPTATION NO EXPENSIVE TOOLING NO BATTERY CHARGING





**NO CONFUSION** 











	TEE	E CO	NN	ECT	OR
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CODE	SIZE	BAG QTY
3095210055	1/2"	25
3095210075	3/4"	25
3095210315	1"	10



#### **SPIGOT REDUCER**

CODE	SIZE	BAG QTY
3095210080	3/4" X 1/2"	25
3095210305	1" x 3/4"	10
3095210310	1" x 1/2"	10



#### STRAIGHT TAP CONNECTOR

CODE	SIZE	BAG QTY			
3095210105	1/2"	25			
3095210110	3/4"	25			



#### **FEMALE SWIVEL ELBOW**

CODE	SIZE	BAG QTY
3095210270	1/2"	25





#### **ELBOW CONNECTOR**

CODE	SIZE	BAG QTY		
3095210040	1/2"	25		
3095210045	3/4"	25		
3095210320	1"	10		



#### **REDUCING TEE**

TIEDOOMA TEE		
CODE	SIZE	BAG QTY
3095210070	3/4" x 3/4" x 1/2"	25
3095210090	3/4" x 1/2" x 1/2"	25
3095210100	3/4" x 1/2" x 3/4"	25
3095210102	1/2" x 1/2" x 3/4"	25
3095210325	1" x 1" x 3/4"	10
3095210330	1" x 1" x 1/2"	10
3095210335	1" x 3/4" x 3/4"	10



#### STOP END

SIZE	BAG QTY
1/2"	25
3/4"	25
	1/2"



#### **MALE STRAIGHT CONNECTOR**

CODE	SIZE	BAG QTY
3095210115	1/2"	25



#### **RADIATOR TAIL CONNECTOR**

CODE	SIZE	BAG QTY
3095210265	½" x 15mm x 300mm	1

#### Qual-Pex Plus+ Clamp Tool - Millions of connections can't be wrong!

The patented Pipelife clamp tool is an integral feature of the Qual-PEX Plus+ 'Easy-Crimp' System and ensures a simple, accurate, watertight joint every time.

As the tool clamps onto the aluminium sleeve, it 'work hardens' the section within the jaws of the tool, making a watertight joint and leaving a section of the aluminium sleeve on both sides still in the annealed state. This ensures that there is no stress on the pipe or the crimp fitting.



#### **Key Advantages**

- Robustness in design and parts, combined with the variety of sizes and styles available, mean many years of service onsite.
- Extremely easy to maintain simply clean and lubricate moving parts regularly.
- Case hardened, precision manufactured components used throughout the tool ensure that a consistent clamping force is applied throughout the life of every Qual-Pex clamp tool.
- Ensures a reliable, long-lasting, leak-free joint every time as clamping applies sufficient force to "cold form" each clamp ring that is clamped.
- Positive stop for clamping action ensures that the correct clamping force is applied to the joint every time, without requiring judgment on the part of the operator. This feature guarantees that Qual-Pex Crimp fittings will not be overstressed by the application of too much clamping force when making a joint.
- Well thought-out design ensures problem-free clamping of joints every time, even in those hard-to-get situations, with reduced incidence of 'angled clamping'.
- The Qual-PEX Clamp Tool is available in two sizes, 1/2" and 3/4".
- Pipelife Clamp Tools are supplied with a 12 month guarantee from date of purchase.



Tectite fittings simply push together in seconds to create a perfect joint. No blow torches, no solder, no heavy or expensive tools.

Choose Tectite and you avoid the need to purchase and store gases, adhesives, fluxes, solders or any other materials or equipment.

- Irish Size Brass Push-Fit Fittings
- Push-fit installation = saves on time and money
- Easy to de-mount
- Easy application in hard to reach places.
- IAB Approved
- Unique IAB system certified with Qual-PEX
- 50 year Guarantee



STRAIGHT CONNECTOR			
CODE	SIZE	BAG QTY	CARTON QTY
3095800080	1/2"	10	150
3095800000	3/4"	5	100
3095800190	1"	5	50



TEE			
CODE	SIZE	BAG QTY	CARTON QTY
3095800020	1/2"	10	100
3095800030	3/4"	5	50
3095800250	1"	2	20



SPIGOT REDUCER			
CODE	SIZE	BAG QTY	CARTON QTY
3095800040	3/4" x 1/2"	5	100
3095800300	1" x 3/4"	5	50



- Push-fit installation
- For use:
  - o Mains feed
  - o Pressurised plumbing systems
  - o Open vented systems
  - o Sealed Heating Systems
  - o Hot & cold water systems



ELBOWS			
CODE	SIZE	BAG QTY	CARTON QTY
3095800010	1/2"	10	150
3095800150	3/4"	5	80
3095800230	1"	5	40



REDUCING TEE			
CODE	SIZE	BAG QTY	CARTON QTY
3095800090	3/4" x 3/4" x 1/2"	5	50
3095800100	3/4" x 1/2" x 3/4"	5	50
3095800180	3/4" x 1/2" x 1/2"	5	50
3095800260	1" x 1" x 3/4"	2	20
3095800280	1" x 3/4" x 1"	2	20
3095800270	1" x 3/4" x 3/4"	2	20



MALE BSP ADAPTOR			
CODE	SIZE	BAG QTY	CARTON QTY
3095800240	1/2"	10	200
3095800170	3/4"	5	100
3095800330	3/4" x 1"	5	80





FEMALE BSP ADAPTOR			
CODE	SIZE	BAG QTY	CARTON QTY
3095800320	3/4" x 1"	5	80



TANK CONNECTOR			
CODE	SIZE	BAG QTY	CARTON QTY
3095800160	1/2"	5	100
3095800200	3/4"	5	100

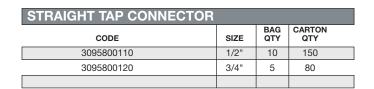


STOP END			
CODE	SIZE	BAG QTY	CARTON QTY
3095800060	1/2"	10	400
3095800050	3/4"	5	150



BENT TAP CONNECTOR			
CODE	SIZE	BAG QTY	CARTON QTY
3095800070	1/2"	10	100







RELEASE TOOL			
CODE	SIZE	BAG QTY	CARTON QTY
3095800130	1/2"	1	750
3095800140	3/4"	1	350



RELEASE CLIP			
CODE	SIZE	BAG QTY	CARTON QTY
3095800210	1/2"	1	50
3095800220	3/4"	1	50





- A range of WRAS approved, brass bodied, press fittings designed to be installed with the use of electric or manual pressing devices. Once pressed, the fitting produces a joint with maximum stability and duration.
- Our Ger-Pex Press Fittings have been developed to be used with Multi-Layer Composite Pipe as a clean, simple and more efficient alternative to traditional jointing methods such as soldered copper and threaded stainless fittings. With a definite press of each fitting the system will also give more confidence to the installer, developer and end user than push fittings.
- The brass bodied fittings with double o-ring technology and combined sight hole, dialectric ring and jaw alignment collar help to ensure that the pipe is fully inserted and pressed correctly, every time.



PEX-AL-PIPE		
		BAG
CODE	DESCRIPTION	QTY
3095903010	16mm x 2mm x 100M	1
3095903885	16mm x 2mm x 500M	1
3095903510	20mm x 2mm x 100M	1
3095903520	26mm x 3mm x 50M	1
3095903580	32mm x 2mm x 50M	1



PRE- INSULATED PIPE			
		BAG	
CODE	DESCRIPTION	QTY	
3095903020	16x2mm x 6mm x 100m	1	
3095903370	20x2mm x 6mm x 50m	1	
3095903530	26x2mm x 9mm x 50m	1	
3095903130	32x2mm x 9mm x 25m	1	



STRAIGHT			
CODE	DESCRIPTION	BAG QTY	
3095903060	16 x 16	10	
3095903230	20 x 20	10	
3095903450	26 x 26	5	
3095903470	32 x 32	5	

REDUCING STRAIGHT			
	DECODINE	BAG	
CODE	DESCRIPTION	QTY	
3095903240	20 x 16	10	
3095903460	26 x 20	5	
3095903750	32 x 20	5	
3095903480	32 x 26	5	



MALE STRAIGHT				
		BAG		
CODE	DESCRIPTION	QTY		
3095903250	16mm x 1/2"	10		
3095903260	20mm x 3/4"	10		
3095903270	26mm x 3/4"	5		
3095903380	26mm x 1"	5		
3095903050	32mm x 1"	5		

FEMALE STRAIGHT			
		BAG	
CODE	DESCRIPTION	QTY	
3095903490	16mm x 1/2"	10	
3095903390	20mm x 3/4"	10	
3095903400	26mm X 3/4"	5	
3095903310	26mm x 1"	5	
3095903500	32mm x 1"	5	
3095903500	32mm x 1"	5	



		BAG	
CODE	DESCRIPTION	QTY	
3095903490	16mm x 1/2"	10	
3095903390	20mm x 3/4"	10	
3095903400	26mm X 3/4"	5	
3095903310	26mm x 1"	5	
3095903500	32mm x 1"	5	
-			

ELBOW			
CODE	DESCRIPTION	BAG QTY	
3095903090	16 x 16	10	
3095903200	20 x 20	10	
3095903210	26 x 26	5	
3095903030	32 x 32	5	







FEMALE CONNECTING ELBOW				
CODE	DESCRIPTION	BAG QTY		
3095903420	16mm x 1/2"	10		
3095903190	20mm x 1/2"	10		
3095903300	20mm x 3/4"	10		
3095903650	26mm x 3/4"	5		
3095903430	32mm x 1"	5		

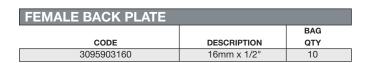


EQUAL TEE			
CODE	DESCRIPTION	BAG QTY	
3095903080	16 x 16 x 16	5	
3095903150	20 x 20 x 20	5	
3095903440	26 x 26 x 26	5	
3095903620	32 x 32x 32	5	



REDUCING TEE		
CODE	DESCRIPTION	BAG QTY
3095903140	16 x 20 x 16	5
3095903870	20 x 26 x 20	5
3095903360	20 x 16 x 16	5
3095903630	20 x 20 x 16	5
3095903330	20 x 16 x 20	5
3095903815	20 x 32 x 20	5
3095903790	26 x 16 x 20	5
3095903320	26 x 16 x 26	5
3095903720	26 x 20 x 20	5
3095903740	26 x 26 x 16	5
3095903710	26 x 26 x 20	5
3095903590	26 x 20 x 26	5
3095903820	26 x 32 x 26	5
3095903780	32 x 32 x 16	5
3095903830	32 x 26 x 20	5
3095903570	32 x 16 x 32	5
3095903540	32 x 20 x 20	5
3095903170	32 x 20 x 32	5
3095903550	32 x 32 x 20	5
3095903290	32 x 26 x 32	5
3095903560	32 x 32 x 26	5
3095903825	32 x 20 x 26	5
3095903835	32 x 26 x 26	5







RADIATOR CONNECTOR			
		BAG	
CODE	DESCRIPTION	QTY	
3095903600	16 x 15mm	1	



#### **QUAL-PLAST LOW-DENSITY POLYTHENE PIPE**

Manufactured to IS 134/1977.

PRODUCT CODE	DESCRIPTION	MEAN O.D. (mm)	MEAN WALL THICKNESS (mm)	PRESSURE RATING (bar)	
Normal Gauge					
3096400000	1/2" x 150m NG	17.1	2.4	9	
3096400010	3/4" x 150m NG	25.2	3.3	7.9	
309640002 0	1" x 150m NG	31.5	3.3	6.2	
3096400030	1 1/4" x 150m NG	37.8	3.3	5.2	
3096400040	1 1/2" x 150m NG	44.1	3.7	4.8	
3096400050	2" x 150m NG	60.4	4.9	4.8	
					1
Heavy Gauge					- 1
3096400060	1/2" x 150m HG	20.9	4.6	14.5	
3096400070	3/4" x 150m HG	27.2	4.6	10.3	
3096400080	1" x 150m HG	34.1	4.6	8.3	



#### **QUAL-PLAST BLUE M.D.P.E (PE80)**

Manufactured and certified to EN12201 specification.

Blue Medium Density (PE80) Polyethylene Service Pipes for Potable Water and Industrial uses manufactured in accordance to EN12201 Specification. Also manufactured to BSEN12201 with BS Kitemark.

Max operating temperatures - 16 bar for 20mm and 12.5 bar for all other sizes



<b>OUTSIDE DIAMETE</b>	R (MM)
MIN	MAX
20	20.3
25	25.3
32	32.3
50	50.4
63	63.4

3096300000 Blue 20mm  3096300010 Blue 20mm  3096300020 Blue 20mm  3096300030 Blue 20mm  3096300030 Blue 25mm  3096300050 Blue 25mm  3096300060 Blue 25mm  3096300070 Blue 25mm  3096300090 Blue 32mm  3096300100 Blue 32mm  3096300110 Blue 32mm  3096300110 Blue 32mm  √  3096300110 Blue 40mm  3096300150 Blue 40mm  3096300160 Blue 50mm  3096300170 Blue 50mm  3096300170 Blue 50mm  √  3096300180 Blue 63mm  √  3096300190 Blue 63mm  √  3096300200 Blue 63mm  √  3096300200 Blue 63mm  √  3096300210 Blue 63mm  √  3096300210 Blue 63mm  √  3096300220 Blue 63mm  √  3096300220 Blue 63mm  √  3096300220 Blue 63mm  √	PRODUCT CODE		DESCRIPTION	25M	50M	100M	150M
3096300020 Blue 20mm  3096300030 Blue 20mm  3096300030 Blue 25mm  3096300050 Blue 25mm  3096300060 Blue 25mm  3096300070 Blue 25mm  3096300080 Blue 32mm  3096300100 Blue 32mm  3096300110 Blue 32mm  3096300110 Blue 32mm  √  3096300130 Blue 40mm  √  3096300150 Blue 50mm  √  3096300170 Blue 50mm  √  3096300170 Blue 50mm  √  3096300170 Blue 50mm  √  3096300180 Blue 50mm  √  3096300190 Blue 63mm  √  3096300200 Blue 63mm  √  3096300210 Blue 63mm  √  √  √  √  √  √  √  √  √  √  √  √	3096300000	Blue	20mm	1			
3096300030 Blue 20mm  3096300040 Blue 25mm  3096300050 Blue 25mm  3096300060 Blue 25mm  3096300070 Blue 25mm  3096300080 Blue 32mm  3096300100 Blue 32mm  3096300110 Blue 32mm  3096300110 Blue 40mm  3096300140 Blue 40mm  3096300150 Blue 50mm  3096300170 Blue 50mm  3096300170 Blue 50mm  3096300170 Blue 50mm  3096300180 Blue 50mm  3096300190 Blue 63mm  3096300200 Blue 63mm  3096300210 Blue 63mm	3096300010	Blue	20mm		✓		
3096300040 Blue 25mm  3096300050 Blue 25mm  3096300060 Blue 25mm  3096300070 Blue 25mm  3096300080 Blue 32mm  3096300100 Blue 32mm  3096300110 Blue 32mm  3096300110 Blue 32mm  √  3096300110 Blue 40mm  √  3096300150 Blue 40mm  √  3096300160 Blue 50mm  √  3096300170 Blue 50mm  √  3096300170 Blue 50mm  √  3096300180 Blue 50mm  √  3096300190 Blue 63mm  √  3096300200 Blue 63mm  √  3096300210 Blue 63mm  √  √  √  √  √  √  √  √  √  √  √  √	3096300020	Blue	20mm			<b>√</b>	
3096300050 Blue 25mm  3096300060 Blue 25mm  3096300070 Blue 25mm  3096300080 Blue 32mm  3096300090 Blue 32mm  3096300100 Blue 32mm  3096300110 Blue 32mm  √  3096300110 Blue 40mm  √  3096300150 Blue 40mm  √  3096300150 Blue 50mm  √  3096300170 Blue 50mm  √  3096300170 Blue 50mm  √  3096300180 Blue 50mm  √  3096300190 Blue 63mm  √  3096300200 Blue 63mm  √  3096300210 Blue 63mm  √  √  √  √  √  √  √  √  √  √  √  √	3096300030	Blue	20mm				<b>√</b>
3096300050 Blue 25mm  3096300060 Blue 25mm  3096300070 Blue 25mm  3096300080 Blue 32mm  3096300090 Blue 32mm  3096300100 Blue 32mm  3096300110 Blue 32mm  √  3096300110 Blue 40mm  √  3096300150 Blue 40mm  √  3096300150 Blue 50mm  √  3096300170 Blue 50mm  √  3096300170 Blue 50mm  √  3096300180 Blue 50mm  √  3096300190 Blue 63mm  √  3096300200 Blue 63mm  √  3096300210 Blue 63mm  √  √  √  √  √  √  √  √  √  √  √  √							
3096300060 Blue 25mm  3096300070 Blue 25mm  3096300080 Blue 32mm  3096300090 Blue 32mm  3096300100 Blue 32mm  3096300110 Blue 32mm  √  3096300110 Blue 32mm  √  3096300150 Blue 40mm  √  3096300150 Blue 50mm  √  3096300170 Blue 50mm  √  3096300170 Blue 50mm  √  3096300180 Blue 50mm  √  3096300190 Blue 63mm  √  3096300200 Blue 63mm  √  3096300210 Blue 63mm  √  √  √  √  √  √  √  √  √  √  √  √	3096300040	Blue	25mm	1			
3096300070 Blue 25mm  3096300080 Blue 32mm  3096300090 Blue 32mm  3096300100 Blue 32mm  3096300110 Blue 32mm  √  3096300110 Blue 40mm  3096300140 Blue 40mm  √  3096300150 Blue 50mm  3096300160 Blue 50mm  3096300170 Blue 50mm  √  3096300180 Blue 50mm  √  3096300190 Blue 63mm  √  3096300200 Blue 63mm  √  3096300210 Blue 63mm  √	3096300050	Blue	25mm		✓		
3096300080 Blue 32mm 3096300090 Blue 32mm 3096300100 Blue 32mm  3096300110 Blue 32mm  √  3096300130 Blue 40mm  3096300140 Blue 40mm  √  3096300150 Blue 50mm  3096300160 Blue 50mm  3096300170 Blue 50mm  √  3096300180 Blue 50mm  √  3096300180 Blue 63mm  √  3096300200 Blue 63mm  √  3096300210 Blue 63mm  √	3096300060	Blue	25mm			✓	
3096300100 Blue 32mm 3096300110 Blue 32mm 3096300110 Blue 32mm  3096300130 Blue 40mm  3096300140 Blue 40mm  √  3096300150 Blue 50mm √ 3096300160 Blue 50mm √ 3096300170 Blue 50mm √ 3096300180 Blue 50mm √ 3096300180 Blue 50mm √ 3096300190 Blue 63mm √ 3096300200 Blue 63mm √ 3096300210 Blue 63mm √	3096300070	Blue	25mm				✓
3096300100 Blue 32mm 3096300110 Blue 32mm 3096300110 Blue 32mm  3096300130 Blue 40mm  3096300140 Blue 40mm  √  3096300150 Blue 50mm √ 3096300160 Blue 50mm √ 3096300170 Blue 50mm √ 3096300180 Blue 50mm √ 3096300180 Blue 50mm √ 3096300190 Blue 63mm √ 3096300200 Blue 63mm √ 3096300210 Blue 63mm √							
3096300100 Blue 32mm 3096300110 Blue 32mm  3096300110 Blue 32mm   3096300130 Blue 40mm  3096300140 Blue 40mm   3096300150 Blue 50mm  3096300160 Blue 50mm  3096300170 Blue 50mm  3096300170 Blue 50mm  3096300180 Blue 50mm   3096300180 Blue 63mm  3096300200 Blue 63mm  3096300210 Blue 63mm	3096300080	Blue	32mm	1			
3096300110 Blue 32mm  3096300130 Blue 40mm  3096300140 Blue 40mm   3096300150 Blue 50mm  3096300160 Blue 50mm  3096300170 Blue 50mm  3096300180 Blue 50mm  √  3096300180 Blue 63mm  √  3096300200 Blue 63mm  √  3096300210 Blue 63mm  √	3096300090	Blue	32mm		✓		
3096300130 Blue 40mm 3096300140 Blue 40mm  3096300150 Blue 50mm  3096300160 Blue 50mm  3096300170 Blue 50mm  3096300180 Blue 50mm  √  3096300190 Blue 63mm  3096300200 Blue 63mm  √  3096300210 Blue 63mm	3096300100	Blue	32mm			✓	
3096300140 Blue 40mm  3096300150 Blue 50mm  3096300160 Blue 50mm  3096300170 Blue 50mm  3096300180 Blue 50mm  √  3096300190 Blue 63mm  3096300200 Blue 63mm  √  3096300210 Blue 63mm  √	3096300110	Blue	32mm				✓
3096300140 Blue 40mm  3096300150 Blue 50mm  3096300160 Blue 50mm  3096300170 Blue 50mm  3096300180 Blue 50mm  √  3096300190 Blue 63mm  3096300200 Blue 63mm  √  3096300210 Blue 63mm  √							
3096300150 Blue 50mm   3096300160 Blue 50mm  3096300170 Blue 50mm  3096300180 Blue 50mm   3096300190 Blue 63mm  3096300200 Blue 63mm  √  3096300210 Blue 63mm	3096300130	Blue	40mm			1	
3096300160 Blue 50mm 3096300170 Blue 50mm  3096300180 Blue 50mm   3096300190 Blue 63mm  3096300200 Blue 63mm  3096300210 Blue 63mm  ✓	3096300140	Blue	40mm				1
3096300160 Blue 50mm 3096300170 Blue 50mm  3096300180 Blue 50mm   3096300190 Blue 63mm  3096300200 Blue 63mm  3096300210 Blue 63mm  ✓							
3096300170 Blue 50mm  3096300180 Blue 50mm   3096300190 Blue 63mm  3096300200 Blue 63mm  √ 3096300210 Blue 63mm  √	3096300150	Blue	50mm	1			
3096300180 Blue 50mm   3096300190 Blue 63mm  3096300200 Blue 63mm  √ 3096300210 Blue 63mm  √	3096300160	Blue	50mm		1		
3096300190 Blue 63mm    3096300200 Blue 63mm    √ 3096300210 Blue 63mm    √	3096300170	Blue	50mm			1	
3096300200 Blue 63mm   3096300210 Blue 63mm	3096300180	Blue	50mm				1
3096300200 Blue 63mm   3096300210 Blue 63mm							
3096300210 Blue 63mm ✓	3096300190	Blue	63mm	1			
	3096300200	Blue	63mm		<b>√</b>		
3096300220 Blue 63mm	3096300210	Blue	63mm			<b>√</b>	
COOCCUPATION CONTINU	3096300220	Blue	63mm				<b>✓</b>



#### **QUAL-GAS (PE80) YELLOW MDPE PIPE**

Manufactured and certified to EN1555 and GIS/PL2-2 specifications (yellow).

Yellow Medium Density (PE80) Polyethylene Gas Pipes manufactured in accordance to IS EN1555 Specification. \*Sizes 20mm - 63mm manufactured with BS Kitemark to GIS/PL2-2.

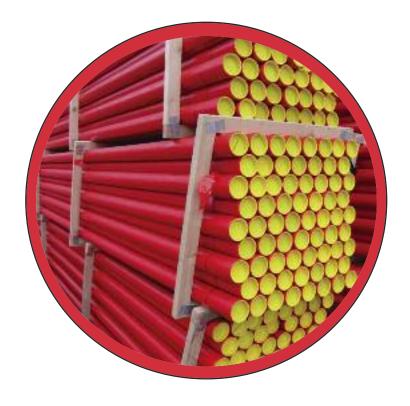
MEAN OU MIN	TSIDE D.A MAX	SDR	WALL THICK MIN	NESS (MM) MAX
20.0	20.3	9	2.3	2.6
25.0	25.3	11	2.3	2.6
32.0	32.3	11	3.0	3.4
63.0	63.4	11	5.8	6.5

CODE	DESCRIPTION	
3096300410	20mm x 50m	
3096300420	20mm x 100m	
3096300430	25mm x 50m	
3096300440	25mm x 100m	
3096300450	32mm x 50m	
3096300460	32mm x 100m	
3096300470	63mm x 50m	
3096300480	63mm x 100m	



#### **POLYTHENE DUCTING**

ESB Red Duct - manufactured and certified to ESB specification no: 16113 - for ESB Cable.



CODE	DESCRIPTION	
Red ESB Ducting		
3096500070	50mm x 50m	
3096500080	50mm x 100m	
3096500090	50mm x 150m	
Black Ducting		
3096500030	150m x 32mm	
3096500050	150m x 38mm	
3096500100	150m x 50mm	
3095500200	50mm RED ESB Couplers	
3095500220	50mm Red Double Socket ESB Bend	
3095500210	Hockey Sticks (Lynplast)	
Lengths		
3096500110	9m x 110mm	
3096500150	9m x 125mm	
3096500170	9m x 160mm	
3096500180	9m x 200mm	



#### **NO UNDERGROUND JOINTS**

#### **ELIMINATES MANHOLE ACCESS REQUIREMENTS**

- Qual-Oil Pipe is made from PEX material, which makes it durable and yet flexible and easy to install.
- No need to oversize your oil line as Qual-Oil is available in 10mm, 15mm, 22mm & 28mm
- Qual-Oil Pipe has many advantages over the traditionally used copper pipe, such as:
  - Qual-Oil Pipe is impervious to concrete
  - 50m & 100m coils mean no buried joints
- Qual-Oil is approved by OFTEC (OFCERT Licence No. 2064099901)
- Aesthetically pleasing conifer green colour compatible with outdoor environment.
- Qual-Oil Pipe can be stored in the open as it is UV stabilised
- Qual-Oil Pipe is resistant to freeze bursting the pipe is tested and rated down to -20°C.
- Qual-Oil Pipe has a 25 year manufacturer's guarantee subject to maximum service conditions of:
  - 10 Bar at 20°C
  - 5 Bar at 50°C
- Qual-Oil Pipe is very competitively priced.



#### **QUAL-OIL PIPE - FROM OIL TANK TO FIRE VALVE**

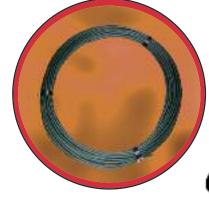


CODE	SIZE	PACK QTY
3096100900	10mm x 50m	1
3096100910	10mm x 100m	1
3096100920	15mm x 50m	1
3096100930	15mm x 100m	1

#### **QUAL-OIL COPPER PIPE INSERTS**

These must be used at every Qual-OIL joint.

CODE	SIZE	PACK QTY
3095100980	10mm	50
3095100990	15mm	50









# Pipelife Service Centre -

What makes us different?

- **X** DESIGN & SUPPLY
- ON-SITE TECHNICAL SUPPORT
- COMMISSION
- OVER 45 YEARS IN BUSINESS
- (2) LEADING MANUFACTURERS GUARANTEE
- FULL DESIGN & PRODUCT LIABILITY INSURANCE



#### **PVC FITTINGS**



FIXED SEALING RING

No possibility to displace the sealing ring.



#### HIGH CHEMICAL RESISTANCE

Both for aggressive sewage and foul and storm water.



#### **HEAT RESISTANT**

Resistant to temperatures up to 45°C for constant flow.



#### **EASY TO SHIP**

Pipelife fittings are very light and yet have high stiffness making them easy to transport and place, which speeds up assembling.



# R

CERTIFIED TO STANDARD EN 1401

Resistant to temperatures up to 45°C for constant flow.



SUPER SIZE SEALING RING VERSUS THE COMPETITION

**EN 1401 CERTIFIED** 



#### **PVC UNDERGROUND DRAINAGE SYSTEMS**

#### 110mm (4") Underground - Sewer Fittings



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900075	15° Single Socket Bend	10	700
1196900072	15° Double Socket Bend	10	700
1196900094	30° Single Socket Bend	18	720
1196900091	30° Double Socket Bend	15	600



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900113	45° Single Socket Bend	24	700
1196900110	45° Double Socket Bend	24	700
1196900137	90° Single Socket Bend	15	375
1196900134	90° Double Socket Bend	15	375



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196901240	45° Treble Socket Branch	10	250
1196901244	45° Double Socket Branch	10	250
1196901275	90° Treble Socket Branch	10	300
1196901279	90° Double Socket Branch	10	350



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900131	90° Double Socket Rest Bend		
3095401190	45° Single Socket Long Radius Bend	l	
3095401240	90° Single Socket Long Radius Bend		



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196901162	Double Socket Coupling	24	960
1196900811	Slip/Repair Coupling	24	960



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1195001805	Complete Gully	8	160
1196901136	Gully Base	12	300
1196900990	Hopper & Grid	15	1050
1196900218	Grid	60	



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900512	Dual Cap Plug		

#### 160mm (6") Underground - Sewer Fittings



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900082	15° Single Socket Bend	6	240
1196900080	15° Double Socket Bend	6	240
1196900101	30° Single Socket Bend	6	240
1196900099	30° Double Socket Bend	6	240



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900122	45° Single Socket Bend	6	210
1196900120	45° Double Socket Bend	6	210
1196900144	90° Single Socket Bend	5	150
1196900142	90° Double Socket Bend	5	15



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196901263	45° Treble Socket Branch	5	100
1196901265	45° Double Socket Branch	5	10
1196901298	90° Treble Socket Branch	6	120
1196901300	90° Double Socket Branch	5	10



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196901259	45° Double Socket Reducing Branch	5	150
1196901257	45° Treble Socket Reducing Branch	5	150
1196901294	90° Double Socket Reducing Branch	5	150
1196901292	90° Treble Socket Reducing Branch	5	150



CODE	DESCRIPTION	CTN QTY	PALLET QTY
3095401380	45° Single Socket Long Radius B	end	150
3095401370	90° Single Socket Long Radius B	end	150



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196901166	Double Socket Coupling	12	360
1196900815	Slip/Repair Coupling	12	360
1196901332	Reducing Coupling	12	420



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900516	Dual Cap Plug	35	1050





#### PVC SOIL SYSTEM 110mm (4") Grey Soil Fitting



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900074	15° Single Socket Bend	10	700
1196900071	15° Double Socket Bend	10	700
1196900093	30° Single Socket Bend	18	720
1196900090	30° Double Socket Bend	15	600





CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196901242	45° Treble Socket Branch	10	250
1196901243	45° Double Socket Branch	10	250
1196901274	90° Treble Socket Branch	10	350
1196901277	90° Double Socket Branch	10	350



CODE	DESCRIPTION	QTY	QTY	
1195001681	90° Short Access Bend	12	300	





CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900511	Dual Cap Plug	130	3250
1195000416	Access Cap	20	1400



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900112	45° Single Socket Bend	24	700
1196900109	45° Double Socket Bend	24	700
1196900136	90° Single Socket Bend	15	375
1196900133	90° Double Socket Bend	15	375





CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900794	90° Double Socket Access Branch	10	
1196900792	90° Treble Socket Access Branch	10	300



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196901159	Double Socket Coupling	24	960
1196900812	Slip/Repair Coupling	24	960



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900828	Pipe Clip	100	2000
3095401880	Cowl	10	1400

#### 110mm (4") Black Soil Fitting





CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900114	45° Single Socket Bend	24	700
1196900111	45° Double Socket Bend	24	700
1196900138	90° Single Socket Bend	15	375
1196900135	90° Double Socket Bend	15	375



CODE	DESCRIPTION	QTY	QTY	
1195001682	90° Short Access Bend	12	250	



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1195000430	Access Cap	20	1400





CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196901241	45° Treble Socket Branch	10	250
1196901245	45° Double Socket Branch	10	250
1196901276	90° Treble Socket Branch	10	350
1196901278	90° Double Socket Branch	10	350



CODE	DESCRIPTION	QTY	QTY
1196901163	Double Socket Coupling	24	960
1196900812	Slip/Repair Coupling	24	960





CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900827	Pipe Clip	100	2000
3095401500	Cowl	10	1400

#### **NEW UNIVERSAL ACCESS JUNCTION SYSTEM**

# 1 ACCESS JUNCTION = 16+ CONNECTION POSSIBILITIES

Our new universal Access Junction offers customers varied connection options to cover all their needs.

#### **Features**

- A Multi-Purpose Access
   Junction base with options to
   suit every requirement
- Quick and easy installation
- Robust but light base for ease of use
- Single level flow system designed to minimise the risk of drainage blockage
- Blanking Plugs supplied for different option system flow profiles
- Access Junctions are a proven product allowing access for inspection or rodding in sewer pipe runs
- For 110mm (4") pipe
   Material: Brown PVC-u
   Weight: 4kg approx
- AJ Cover and Frame also available (sold separately)

Manufactured & Tested to EN13598 Requirements





#### What does the Pipelife Access Junction stand for?

- Fixed Sealing ring
   No possibility to displace
   the sealing ring
- High chemical resistance
   Both for aggressive sewage
   and foul and storm water
- Heat Resistant
   Resistant to temperatures up to 45°C for constant flow.
- Easy to Ship
- Pipelife fittings are very light and yet have high stiffness making them easy to transport and place, which speeds up assembling.
- Super Size Sealing ring Versus the competition
- AJ Plugs also sold separately
  - 90° Left AJ Plug
  - 45° Left AJ Plug
  - 90° Right AJ Plug
  - 45°Left AJ Plug



315mm Square Cover and Frame with rubber ring seal and screws for complete watertight drainage system



Adjustable Tilt Frame feature for ease of alignment on uneven pavement surfaces



Stackable Risers with a cutting indicator for extra height

requirements
Height = 169mm
Diameter = 315mm



#### **Access Junctions**

CODE	DESCRIPTION	CTN QTY
1195001684	AJ 6 Way	20
1196901442	90° Left AJ Plug	
1196901443	45° Left AJ Plug	
1196901444	90° Right AJ Plug	
1196901445	45° Right AJ Plug	
1195001686	Cover & Frame	63
1196900475	Riser	54
1196901139	Socket Plug	

Premium Products Economy Prices





#### Live in comfort with Qual-Pex Eco Underfloor Heating System

**High Quality, Dependable Products** 



- Energy efficient heating solutions from a name you can trust
- Manufacturing and innovating in Ireland for 50 years
- Professional Design Indemnity Insurance
   Pipelife accepts full responsibility for the design of the system and the specification and supply of materials

Unbeatable 50 year warranty -

As the pipe manufacturer, Pipelife guarantees our pipe for 50 years, which is vital when the pipe is being buried within the floor structure for the lifetime of the building

Working with the merchant, installer & homeowner before, during and after the project









CODE	DESCRIPTION	PACK QTY
3095900050	PRT-E Programmable Room Thermostat 230v	1
3095900375	PRT-N Programmable Room Thermostat 12v	1
3095900220	PRT-HW-N Prog Room Thermostat HOT WATER 12v	1



CODE	DESCRIPTION	PACK QTY
3095900190	Wet Area Sensor 230v	1





CODE	DESCRIPTION	PACK QTY
3095900500	PRT-W - Programmable WIRELESS Room Thermostat	1
3095900510	PRT-HW-W - Wireless HOT WATER Room Thermostat	1



DESCRIPTION

Central Control Touchpad 12v

3095900210

CODE	DESCRIPTION	PACK QTY
3095900170	NEO Room Thermostat	1
3095900340	NEO Room Thermostat HOT WATER	1



CODE	DESCRIPTION	PACK QTY
3095900350	UH8 Wiring Centre 230v	1
3095900360	UH1 Wiring Centre 12v	1



CODE	DESCRIPTION	PACK QTY
3095900180	NEO HUB	1







CODE	DESCRIPTION	PACK QTY
3095900715	NEO - X Repeater	1

#### **QUAL-PEX ECO: UNDERFLOOR HEATING SYSTEM**





## QUAL-PEX PLUS+ "EASY-LAY" MULTILAYER PIPE (WHITE)

CODE	COILS	QTY
3096700500	16mm x 2mm x 100m	1
3096700510	16mm x 2mm x 150m	1
3096700520	16mm x 2mm x 500m	1
3096700540	20mm x 2mm x 100m	1
3096700560	26mm x 3mm x 50m	1
3096700580	32mm x 3mm x 25m	1

	LENGTHS	
3096700530	16mm x 2mm x 6m	20
3096700550	20mm x 2mm x 6m	20
3096700570	26mm x 3mm x 6m	10
3096700590	32mm x 3mm x 6m	10



### UNDER-FLOOR HEATING MANIFOLD CONNECTORS

CODE	DESCRIPTION	PACK QTY
3095900631	15mm x 1.5mm	1
3095900632	16mm x 2mm	1
3095900638	Outlet Blanking Cap	1



#### **MIXING VALVE**

Mixing valve reduces the temperature of the water before it goes into the floor.

CODE	DESCRIPTION	PACK QTY
3095900627	3/4" Mixing Valve	1
3095900628	1" Mixing Valve	1



#### UNDER-FLOOR HEATING MANIFOLD ASSEMBLY

Pre-assembled on double offset bracket, nickel-plated brass, flow meters on flow (0-4 l/min, return rail capped and prepared for electro-thermic head fitting, flow and return prepared ready to receive mixing unit.

CODE	DESCRIPTION	PACK QTY
UFH Manifold		
3095900621	2 Port Manifold	1
3095900622	4 Port Manifold	1
3095900623	6 Port Manifold	1
3095900624	8 Port Manifold	1
3095900625	10 Port Manifold	1
3095900626	12 Port Manifold	1
3095900635	Manifold Extension Piece	1



#### **CORRUGATED PROTECTIVE DUCTING**

CODE	DESCRIPTION	PACK QTY
3096100600	19mm x 50m	1
3096100610	19mm x 100m	1



#### **PRE-ASSEMBLED MIXING**

CODE	DESCRIPTION	PACK QTY
309590075	Valve inc Pump	1



WWW.PIPELIFE.IE

#### **PIPE FIXING SYSTEM**



CODE	DESCRIPTION	PACK QTY
Qual-PEX Rapid Rail		
3095900020	2m Qual-PEX Rapid Rail	10



CODE	DESCRIPTION	PACK QTY
Rapid Rail Clips		
3095900290	White 50mm (Box 200 Qty)	1
3095900030	White 60mm (Box 200 Qty)	1
3095900040	Black 60mm (Box 300 Qty)	1



#### THERMOELECTRIC ACTUATOR

Fits directly to manifolds shown above to provide for fully automatic circuit control in conjunction with a suitable system control box.

CODE	DESCRIPTION	PACK QTY
3095900060	2-Wire Actuator 230V	1
	- 1 <sub>2</sub>	



#### PIPE DECOILER

CODE	DESCRIPTION	PACK QTY
3095900260	Decoiler Unit - (for up to 600m coils	1
	of 16mm pipe)	



CODE	DESCRIPTION	PACK QTY
Clip Gun		
3095900200	Clip Gun	1





CODE	DESCRIPTION	PACK QTY
Aluminium Diffuser P	lates	
3095900600	Aluminium Diffuser	40
	Plates DOUBLE (each)	



CODE	DESCRIPTION	PACK QTY
3095900670	Grundfos 7m Head	1

Variable Speed Pump



#### **MANIFOLD SPARES**

CODE	DESCRIPTION	PACK QTY
3095900634	Manifold Isolating Valve	1

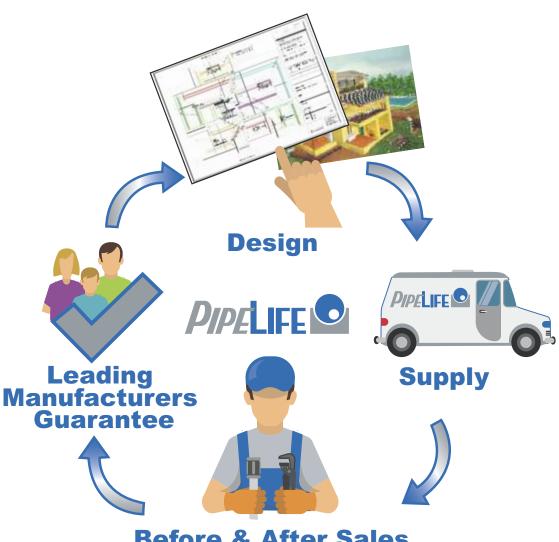


CODE	DESCRIPTION	PACK QTY
3095900637	Flowmeter 0-4 I/min	1





# Pipelife Renewable Service Centre – What makes us different?

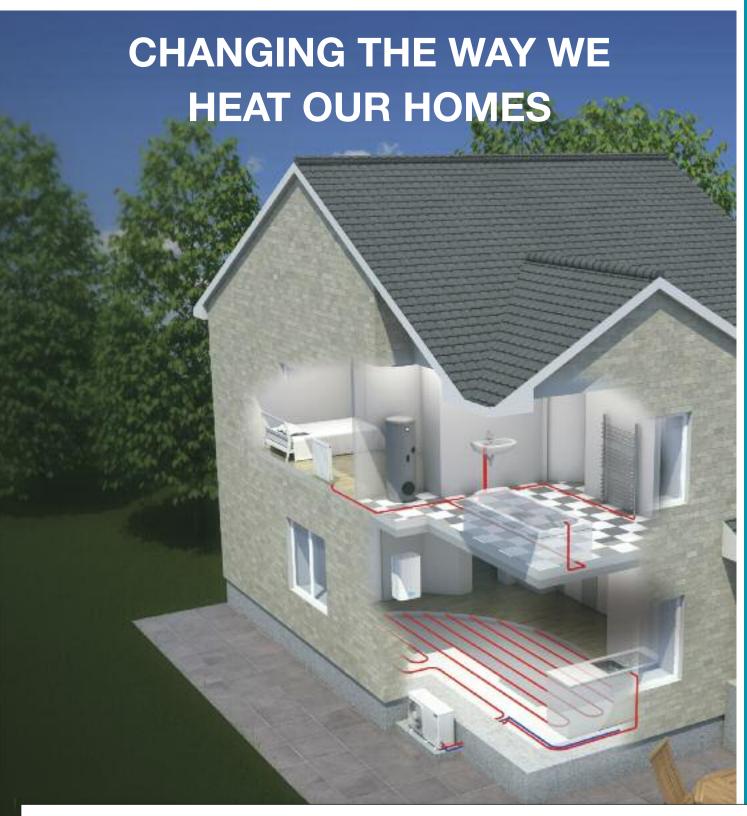


**Before & After Sales & Technical Support** 

At Pipelife we believe in providing our customers with a one-stop-shop for complete package solutions; from market-leading products, free initial advice, through to bespoke design, installation, final commissioning and technical support, allowing you to purchase with confidence.

Phone: 021 4884700 • Email: Ireland@pipelife.com







COMPATIBLE
WITH RENEWABLE
SOURCES



LOWER RUNNING TEMPERATURE



LOWER RUNNING COSTS THAN ELECTRIC UNDERFLOOR HEATING OR TRADITIONAL RADIATORS



REDUCED ENERGY BILLS

#### SPLIT TANK UNIT YUTAKI-S COMBI

#### Ideal solutions for the new build market

DHW remote with the YUTAKI-S solution.
 All our models are available as heating only.

#### Solutions to meet all your needs

- Large capacity output range (from 5 to 24 kW).
- Heating only or Heating & Cooling.
- Heating only or Heating + Domestic Hot Water.
- Single or 3 phase. Residential or commercial.
- New build or refurbishment.



#### **Comfort and efficiency**

- One of the best COPs on the market.
   The exceptional performance of the YUTAKI-S significantly reduces your client's heating bills.
- Year-round comfort
   Capable of producing water up to 60°C, depending on outdoor temperatures, ensuring optimal comfort even during the coldest of periods.

The Yutaki S is a split system which produces hot or cold water to supply radiators, fan coil units, underfloor heating or a combination of these. When connected to a tank, it can also be used to produce domestic hot water. The YUTAKI S heat pump consists of an exterior inverter unit connected to an interior hydraulic unit. In heating mode, the exterior unit absorbs heat from outside, even at very low temperatures (-20°C), transferring it to the water cycle by means of an interior hydraulic unit. It can produce a water temperature of 60°C at outside temperatures of up to -5°C. In cooling mode during summer, it operates the opposite way: heat is drawn outwards, towards the exterior.

- Split air-to-water heat pump comprising indoor and separate outdoor unit
- Domestic hot water and multiple heating/cooling settings ideal boiler replacement technology
- Energy efficient
- Range includes 20kW and 24kW models for ultimate flexibility
- Suitable for heating swimming pools
- Available with electric auxiliary heating as standard
- Screed drying function ideal for new builds
- Easy-to-use wireless controller with one-touch holiday button and frost protection as standard.
- Weather Compensation Control
- Generate hot water up to 60°C
- DHW Legionella Protection Program
- ErP energy efficiency class of up to A+++











#### INDOOR HYDRAULIC MODULES

Indoor Ur	nit Model	RWM 2.ONE	RWM 2.5NE	RWM 3.ONE	RWM 4.ONE	RWM 5.ONE	RWM 6.ONE	RWM 8.ONE	RWM 10.0NE
Outdoor Ur	nit Model	RAS 2WHVNP	RAS 2.5WHVNP	RAS 3WHVNP	RAS 4WH(V)NP	RAS 5WH(V)NP	RAS 6WH(V)NP	RAS 8WH(V)NP	RAS 10WH(V)NP
Nominal Capacity (max)	kW	4.30 (7.00)	6.00 (9.00)	7.50 (11.00)	11.0 (15.20)	14.0 (16.70)	16.00 (17.80)	20.00 (25.50)	24.0 (32.00)
Water 30/35°C, Ambient 7db/6wb°C	COP	5.25	4.8	4.55	5.00	4.71	4.57	4.57	4.30
Nominal Capacity (max)	kW	4.30 (6.20)	6.00 (9.00)	7.50 (10.00)	11.0 (14.10)	14.0 (15.70)	16.00 (17.30)	20.00 (25.00)	24.0 (32.00)
Water 40/45°C, Ambient 7db/6wb°C	COP	3.90	3.59	3.50	3.98	3.61	3.40	3.40	3.30
Nominal Capacity (max)	kW	4.30 (6.00)	6.00 (8.00)	7.50 (9.20)	11.0 (13.5)	14.0 (15.20)	16.00 (17.00)	20.00 (24.00)	24.0 (32.00)
Water 47/55°C, Ambient 7db/6wb°C	COP	3.00	2.89	2.57	3.00	2.80	2.50	2.72	2.65
Nominal Capacity (max)	kW	3.50 (5.50)	4.50 (7.00)	5.50 (8.90)	9.50 (12.80)	10.50 (13.90)	11.10 (15.00)	12.30 (20.00)	13.00 (20.70)
Water 30/35°C, Ambient 2db/1wb°C	COP	4.10	3.65	3.53	3.61	3.55	3.41	3.51	3.41
Nominal Capacity (max)	kW	4.30 (4.70)	5.30 (5.70)	5.80 (6.70)	9.70 (10.60)	11.50 (12.00)	12.00 (13.00)	14.20 (17.90)	16.50 (21.00)
Water 30/35°C, Ambient -7db/-8wb°C	COP	2.85	3.65	2.57	2.74	2.65	2.57	2.57	2.57
Nominal Capacity (max)	kW	4.30 (4.60)	5.00 (5.50)	6.00 (6.40)	10.0 (10.00)	11.00 (11.60)	11.50 (12.50)	15.00 (16.60)	16.50 (18.50)
Water 40/45°C, Ambient -7db/-8wb°C	COP	2.45	2.25	2.25	2.45	2.25	2.15	2.08	1.74
Nominal Capacity (max)	kW	4.00 (4.20)	4.60 (5.00)	5.00 (5.50)	8.70 (9.70)	9.70 (11.20)	10.50 (12.00)	12.50 (14.50)	15.50 (17.30)
Water 47/55°C, Ambient -7db/-8wb°C	COP	1.93	1.82	1.6	1.78	1.85	1.75	1.70	1.50
Water Flow Rate min/max	m³/hr	0.5 / 1.9	0.6 / 2.0	0.6 / 2.1	1.0 / 2.9	1.1 / 3.0	1.2 / 3.0	2.0 / 4.5	2.2 / 4.6
Minimum Water Volume (Defrost)	L		28.0		38.0	46.0	55.0	76.0	79.0
Water Connections	Inch		1" Female				1 1/4" Female		
Expansion Vessel Size	L			6	.0			10	0.0
Pump Type		Yo	onos PARA RS 15/	7.0	Y	onos PARA RS 15/	7.5	UPML GE	O 25-105
Water Temperature Range	°C		20 - 55				20 - 60		
Piping Diameter (liquid/gas)	Inch	1/4" / 5/8"			3/8" / 5/8"			3/8" / 1 1.8"	1/2" / 1 1/8"
Power Supply			230V/1Ph/50Hz		230V/1	Ph/50Hz + 400V/3	Ph/50Hz	400V/3	Ph/50Hz
Circuit Breaker Size (with DHW tank heater)	А		20.0						
Maximum Operating Current (with DHW tank heater)	А	15.3 15.4							
Sound Power Level	dB(A)	37.0 39.0			47	7.0			
Dimensions (H x W x D) Including Connections	mm	782 x 450 x 275 960 x 520 x 360				960 x 6	70 x 360		
Gross Weight	Kg	60	0.0	61.0		71.0		90.0	93.0

#### **IVX OUTDOOR UNITS**

Outdoor Un	RAS 2WHVNP	RAS 2.5WHVNP	RAS 3WHVNP	RAS 4WH(V)NP	RAS 5WH(V)NP	RAS 6WH(V)NP	RAS 8WHVNP	RAS 10WHVNP			
Refrigerant					R4:	R410A					
Minimum Piping Length	m		5.0								
Maximum Chargeless Piping Length	m				15	5.0					
Piping Diameter (liquid/gas)	Inch		3/8"	/ 5/8"		1/4"	/ 1/2"	3/8" / 1 1/8"	1/2" / 1 1/8"		
Maximum Piping Length	m		50.0 75.0								
Additional Refrigerant Charge	g (per metre)	30.0 40.0			60.0						
Power Supply			230V/1Ph/50Hz			230V/1Ph/50Hz + 400V/3Ph/50Hz			400V/3Ph/50Hz		
Circuit Breaker Size (Single/Three Phase)	А		20 32 / 16				24				
Maximum Operating Current	А	13.8	15.8	17.8	30.5	/ 14	30.5 / 16	24.0			
Sound Power Level @ 7/35*	dB(A)	59.0	60.0	61.0	63.0	64.0	65.0	71.0	72.0		
Dimensions (H x W x D)	mm	600 x 792 x 300			1380 x 950 x 370						
Gross Weight	Kg	46.0		49.0	116.0		137.0	139.0			
Compressor Type	mm	Scroll DC Inverter Driven									

<sup>\*</sup> Sound power level in accordance to the standard EN 12102 at conditions specified in EN 14511 performance test



## THE YUTAKI FAMILY OF AIR SOURCE HEAT PUMPS

# SUITABLE FOR REFURBISHMENT PROJECTS AND NEW BUILD INSTALLATIONS

MONO-BLOC UNIT YUTAKI-M

#### **Comfort and efficiency**

- One of the best COPs on the market
  The exceptional performance of the
  YUTAKI-M significantly reduces
  your client's heating bills.
- YEAR-ROUND COMFORT
   Able to produce water up to 60°C,
   depending on outdoor temperatures,
   it ensures optimal comfort even
   during the coldest of periods.

#### **Ease of installation**

#### MONOBLOC SOLUTION

The YUTAKI-M is a monobloc hot water/air pump, which therefore does not require the installation of a cooling circuit or a hydraulic module inside the house.

#### NEW PLUG & PLAY REMOTE CONTROL

Easy to connect, the remote control comes with a terminal to plug the remote into.

The remote control is easy to install:

- Directly onto a wall
- On a DIN rail (electric cabinet).





A compact solution where a single unit is installed on the outside of the property, taking up no space inside and can be used alongside an existing heating solution. The heat pump is connected to the indoor heating system simply by laying two heat insulated pipes and the electric connection cables under the ground.

The Yutaki-M Monobloc air-to-water heat pump systems are available in single phase capacities of 7.5kW - 16 kW, or three phase capacities of 7.5 kW to 16 kW.

The Yutaki M can provide domestic hot water and heating and is therefore ideal boiler replacement technology in a suitably insulated home or it can be used alongside an existing heating solution.



It is a compact solution where a single unit is installed on the outside of the property, taking up no space inside

- Monobloc air-to-water heat pump system
- Domestic hot water as well as heating ideal boiler replacement technology
- Energy efficient
- Screed drying function ideal for new builds
- Easy-to-use wireless controller with one-touch holiday button and frost protection as standard.
- Weather Compensation Control
- Generate hot water up to 60°C
- DHW Legionella Protection Program
- ErP energy efficiency class of up to A+++







#### YUTAKI-M AIR-TO-WATER HEAT PUMP

Outdoor l	Init Model	RASM-3VNE	RASM-4(V)NE	RASM-5(V)NE	RASM-6(V)NE				
Nominal Capacity (max)	kW	7.50 (11.00)	11.00 (15.20)	14.00 (16.70)	16.0 (17.80)				
Water 30/35°C, Ambient 7db/6wb°C	COP	4.55	5.0	4.71	4.57				
Nominal Capacity (max)	kW	7.50 (10.00)	11.00 (14.10)	14.00 (15.70)	16.0 (17.30)				
Water 40/45°C, Ambient 7db/6wb°C	COP	3.50	3.80	3.61	3.40				
Nominal Capacity (max)	kW	7.50 (9.20)	11.00 (13.50)	14.00 (15.20)	16.0 (17.00)				
Water 47/55°C, Ambient 7db/6wb°C	COP	2.70	3.00	2.80	2.50				
Nominal Capacity (max)	kW	5.50 (8.90)	9.50 (12.80)	10.50 (13.90)	11.10 (15.00)				
Water 30/35°C, Ambient 2db/1wb°C	COP	3.53	3.70	3.55	3.41				
Nominal Capacity (max)	kW	5.80 (6.70)	9.70 (10.60)	11.50 (12.00)	12.00 (13.00)				
Water 30/35°C, Ambient -7db/-8wb°C	COP	2.57	2.74	2.65	2.57				
Nominal Capacity (max)	kW	6.00 (6.40)	10.00 (10.00)	11.00 (11.60)	11.50 (12.50)				
Water 40/45°C, Ambient -7db/-8wb°C	COP	2.25	2.45	2.25	2.15				
Nominal Capacity (max)	kW	5.00 (5.50)	8.70 (9.70)	9.70 (11.20)	10.50 (12.00)				
Water 47/55°C, Ambient -7db/-8wb°C	COP	1.72	1.78	1.85	1.75				
Water Flow Rate min/max	m³/hr	0.6 / 2.1	1.0 / 2.8	1.1 / 3.0	1.2 / 3.0				
Minimum Water Volume (Defrost)	L	28.0	38.0	46.0	55.0				
Water Connections	Inch		1 1/4" Female						
Expansion Vessel Size	L		6	.0					
Pump Type		Yonos PARA RS 15/7.0		Yonos PARA RS 15/7.5					
Water Temperature Range	°C	20 - 55		20 - 60					
Power Supply		230V/1Ph/50Hz	230V/1Ph/50Hz + 400V/3Ph/50Hz						
Circuit Breaker Size (with DHW tank heater)	А	32.0		50 / 32					
Circuit Breaker Size (without DHW tank heater)	А	20.0	32 / 20						
Maximum Operating Current (with DHW tank heater)	А	33.0	45.8	45.8 / 39.4					
Maximum Operating Current (without DHW tank heater	) A	18.0	30.8						
Sound Power Level @7/35 * dB(A)		61.0	61.0 63.0		65.0				
Dimensions (H x W x D) Including Connections	mm	800 x 1252 x 370		1380 x 1252 x 370					
Gross Weight	Kg	115.0	135.0	140.0	144.0				

<sup>\*</sup> Sound power level in accordance to the standard EN 12102 at conditions specified in EN 14511 performance test

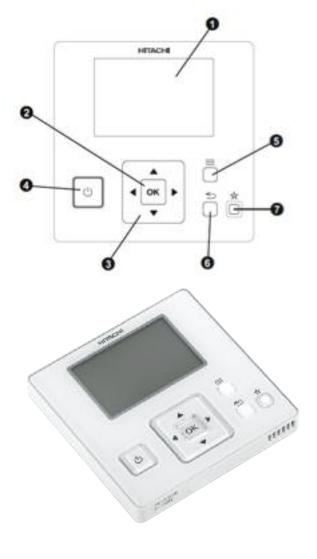


#### **CONTROL PANEL**

and views

- Liquid Crystal Display
   Screen where controller software is displayed
- OK button To select the variables to be edited and to
- confirm the selected values
  3. Arrows Key
  It helps the user to move through the menu
- Run/Stop Button
   It works for all zones if none of the zones is selected or only for one zone when that zone is selected
- Menu button
   It shows the different configuration options of the user controller
- Return button
  To return to the previous screen
- Favourite button
   When this button is pressed, the selected
   favourite action (ECO, Holiday, Simple timer or
   DHW boost) is directly executed.

CODE	DESCRIPTION	PACK QTY
3095900886	HITACHI CONTROLLER	
3095900887	HITACHI DHW SENSOR	













#### **Control features**

- Control features
- New multifunction controller: PC-ARFHE
- Same menu for all Yutaki range
- Wizard Start-up configuration: Easier Start-up of the system.
- Auto cool/heat
- Quick actions menu for more comprehensive view: Functions Timer, ECO, Status, Schedule and OTC.
- Boost action: It allows an immediate heating of the domestic hot water.
- Improved timer: Better aesthetic and function of simple timer to create easily a timer configuration.
- Air purge function for the test run.
- Many other improvements like: possibility to modify the name of the circuits, configuration of phone contact, etc







#### **Buffer Vessel**

The buffer vessel or tank is a well insulated heating-water storage cylinder fitted in the heating circuit in your home. It is similar in size and shape to the domestic hot water cylinder fitted in most houses. Most heating systems will benefit greatly when you incorporate a buffer vessel as a heat store (for heat generated on night rate electricity) for the following reasons:

- The volume of water in the buffer vessel, if properly controlled, will ensure fewer heat-source starts and longer run times. This will ensure maximum efficiency of your heat-source.
- The switching differential or "band" can be adjusted to ensure the design criteria of the heat-source can be achieved. This "band" is the condensing range of an oil or gas boiler, or the number of compressor starts in a heat pump.

Our heat pump system will benefit further because we ensure that the buffer vessel is at its maximum temperature at the end of the Low Tariff or night-rate electricity period ready for use the following day. We have considered what is best for our heat pumps always keeping "best-practice" at the foremost of our system designs. Our buffer vessels storage is typically between 60 litres and 300 litres of water.

CODE	DESCRIPTION
3095900885	60L buffer
3095900950	125L BUFFER
3095900970	300L BUFFER



#### **DHW (Hot Water) Cylinder**

This is the cylinder for storage of your homes hot water requirements for cleaning, washing, sanitation and general household use.

This tank is highly insulated for minimum heat loss.

We strongly recommend the use of a 316 grade stainless steel domestic hot water vessel as it is a component, unlike your sealed heating system & buffer vessel, that can be subjected to corrosion. The design of the cylinder and the port locations is critical for both the sensors and the external pipework connections. We have considered these details and have our own customised vessels to suit our systems.

	CODE	DESCRIPTION
309	5900810	300L DHW CYLINDER 3.3sqm single coil
309	5900882	300L DHW (WELL) CYLINDER 3.3sqm single coil



#### LOW TEMPERATURE RADIATORS

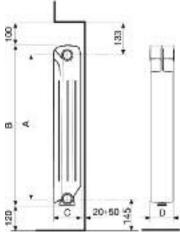
#### MASTER B3

- 100% MADE IN ITALY
- The rounded profile on the top, with two openings, gives a modern and captivating style to the radiator and maximizes the heat exchange;
- Ideal for low-temperature heating systems;
- Excellent weight/power ratio, which facilitates transport, handling and installation;
- Unalterable over time thanks to its double coating: anaphoresis and powder coating;
- High technological content: 3 international patents
- Openings at the rear of the radiator to increase convective heat exchange;
- Modular: perfect for any space;
- Maximum working pressure: 16 bar;
- Pressure test (undergone by 100% of manufactured products): 24 bar;
- Bursting pressure: 60 bar;
- Low water content, greater heat exchange, low thermal inertia = outstanding performances, low power consumption;
- 10-years warranty.

**STANDARD SUPPLY:** Available from 3 to 10 sections for centre distance 800 – from 3 to 12 sections for centre distance 700 - from 3 to 14 sections for centre distance 350-500-600.

**COLOUR:** Ral 9010 White





#### **Technical information**

	MODEL	CODE	DEPTH	HEIGHT	CENTRE DISTANCE	LENGTH	CONNECTION DIAMETERS	WATER CAPACITY	HEAT OUTPUT ΔT 50 K	HEAT OUTPUT ΔT 30 K	ESPON.	COEFF. Km
			(C)mm	(B)mm	(A)mm	(D)mm	inches	litres/sect.	W/el.	W/el.		
B4	350/100	V686014	97	407	350	80	G1	0,20	89,9	47,2	1,2598	0,6506
В3	500/100	V662034	97	557	500	80	G1	0,24	114,9	59,9	1,2768	0,7783
B3	600/100	V662044	97	657	600	80	G1	0,27	132,2	68,9	1,2763	0,8973
B3	700/100	V662054	97	757	700	80	G1	0,39	149,5	77,7	1,2819	0,9928
В3	800/100	V662064	97	857	800	80	G1	0,42	165,0	85,1	1,2962	1,0360

#### Maximum working pressure: 1600 kPa (16 bar)

Characteristic equation of the model  $\Phi$ =Km  $\Delta$ Tn.

The thermal efficiency values shown comply with the European Standard EN 442-1:2014 and are certified by the MRT Lab of the Milan

Polytechnic, notified body no. 1695.



#### TAKE A SEAT

at Pipelife's new state-of-the-art

## TRAINING CENTRE









#### Pipelife Renewable Training Centre

Pipelife Ireland now offer extensive product training at our new Renewable Training Centre in White's Cross, Cork. The courses are FREE to attend and our are led by members of our Technical Team who have a wealth of practical knowledge and installation practices, and feature a unique tour of the Pipelife manufacturing facility where visitors are given the opportunity to see first-hand where our products are designed and produced.

The free courses are available to installers, service engineers, plumbers, merchants, architects, local authorities and BER Assessors. The one day training courses, running from 9.30am to 4pm, also include lunch and all course materials. By offering a valuable insight into each of our heating technologies, those who attend our courses are equipped with the best product knowledge and installation techniques, ensuring that our customers are fully satisfied.

#### Reasons to attend

- Stay up to date with all the latest product trends and develop your knowledge and skills
- Single day courses packed with useful insights and hands-on product training
- · Heat Pumps, Underfloor Heating, Qual-Pex Eco Renewables

"These are really exciting times for Pipelife, we have always had a strong focus on providing a great service to all our customers and with the launch of our new Renewable Training Centre this will allow us to support them with hands-on product training and installation techniques. Along with the additional sales staff that we are adding to our team for 2019 these are truly exciting times for Pipelife".

Padjoe Barry,
 National Sales Manager

For more information please call us on +353 21 4884700 or E-mail: Ireland@pipelife.com

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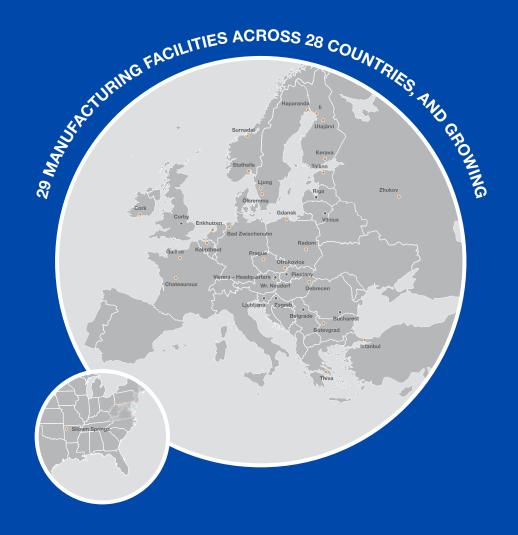


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