

Luxusheat

Product Guide

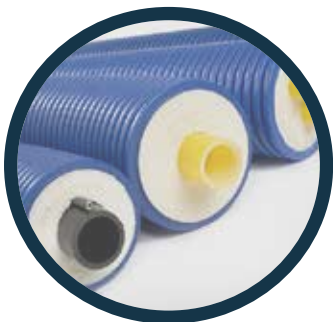
2023



Underfloor Heating



Press Plumbing



Pre-insulated Pipework



Notes

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Underfloor Heating

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firmopress

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With over 30 years experience supplying the Plumbing & Heating Industry, you can rest assured that you're in safe hands.

From initial enquiry through to installation, Luxusheat will support you with unrivalled product knowledge and installation expertise.

All our chosen systems carry extensive product guarantees and certification, our designs are covered with Professional Indemnity Insurance, so you can feel confident choosing us as your underfloor heating partner. Contact us today to discuss your project and see how we can help you meet your goals in achieving an efficient, high quality, fully guaranteed heating or plumbing system. Should you wish to bring in your plans to discuss your individual project with one of our engineers, give us a call to make an appointment.



Underfloor Heating

From conception, to design through to commissioning, Luxusheat's experts can help best advise you on which system is right for your project.

Compatible with homes old and new and with a wealth of configurations available our experts can advise you on the best solution for you.

Underfloor Heating is an extremely efficient way to warm a room and gives a more pleasant heat than radiators, stoves or traditional solid-fuel fires. The heat is emitted gently and there are no cold spots, also as most of the heat is concentrated in the lower part of the room, very little heat is wasted.

From our bespoke quotations all the way through to pipe layout designs, electrical and mechanical installation schematics, we are all about offering high standards of service and quality products. All our chosen systems carry extensive product guarantees and certification, our designs are covered with Professional Indemnity Insurance, so you can feel confident choosing us as your underfloor heating partner. Our experts can advise you on the best solution for you.



Luxusheat Room Packs

Room Pack Summary

We believe underfloor heating should be quoted and designed on a project by project basis. This means that we can accurately estimate the materials required for the areas minimising construction waste. We can also make sure that the heating system is as efficient as possible when designing each project individually.

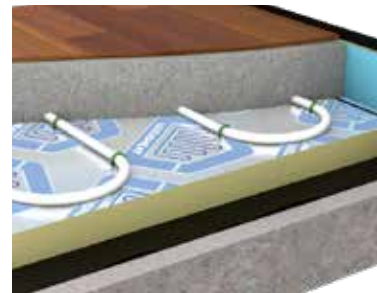
We therefore do not offer large “multi-zone” kits, if there is more than one thermostat and the system size is over three manifold ports (three loops) then we would prefer to quote the project and send a detailed bespoke quotation.

Below is a summary of the Single Room kits with the different floor constructions we supply.

Screed

Pipes at 200mm c/c's with water temperature blending use with high temperature gas, oil & LPG boilers.

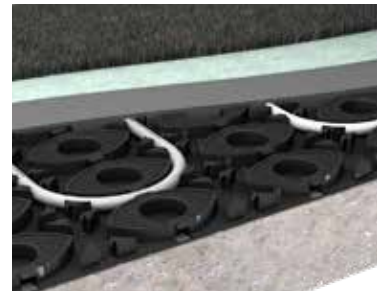
150mm c/c's without water temperature blending for use with low temperature heat pumps.



ProFix

Low height plastic pipe fixing system that is covered with self-levelling compound to create a final surface similar to screed that will accept all types of floor finishes.

Quick heat up times and energy efficiency makes Profix Ideal for refurbishments with heat pumps.



Overboard - Heavy

The gypsum screed boards are ideal for heat pump systems due to the thermal conductivity properties.

The gypsum based boards can be directly tiled on to. Engineered wooden boards can be floated on top and a thin 9mm ply layer can be laid and fixed to accept carpet or any other floor finish.



Timber Suspended

Heat emission plates are made from aluminium and can be snapped to shorten as required. The heat plates are generally used on intermediate timber floors, the plates in the packs are for joists at 400mm centres



A bespoke quotation only takes 24 - 48hrs



Screed Room Packs - 200mm c/c

Screed Room Packs at 200mm c/c's with Pump and Blending Valve

0 - 20m² - Screed

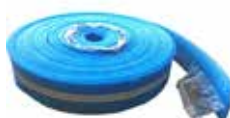
Single room, one zone pack designed to be plumbed into an existing radiator system, when the radiators are on heat is supplied to the manifold. The pump and blending pack has an integral temperature switch so when the water temperature from the boiler reaches 40°C the contact closes and the underfloor heating pump starts circulating water through the underfloor heating loop. (Not suitable for micro-bore heating systems please call us for pipework design suggestions)



Single Room Control Set



Luxusheat MLC 16x2mm Pipe



Screed Edge Strip 50m



16x2mm Eurocone Connector x 2



ProStaple 60mm

*No air temperature controls are supplied with the kit, if air temperature controls are required then please see the thermostat options below. If adding a thermostat a 2 port zone valve may also be required.

Above 20m² - Screed

The larger kits come with pump, blending valve and manifold for a single zone, the kit comes complete with pipe and fixings, 2-port valve & by-pass and should be installed with dedicated flow and return pipes from the boiler.



Manifold, Control Set & Fittings



Luxusheat MLC 16x2mm Pipe



Screed Edge Strip 50m



2 Port Valve & By-Pass



ProStaple 60mm

Description	Code	Quantity / Unit
Luxusheat Screed Packs (200mm c/c's with Control Set)		
Single Room Screed Pack 200mm c/c's 0 - 20m ²	LUXSRMPK20	1
Single Room Screed Pack 200mm c/c's 0 - 30m ²	LUXSRMPK30	1
Single Room Screed Pack 200mm c/c's 0 - 40m ²	LUXSRMPK40	1
Single Room Screed Pack 200mm c/c's 0 - 47m ²	LUXSRMPK47	1
Single Room Screed Pack 200mm c/c's 0 - 57m ²	LUXSRMPK57	1

Thermostats are now an optional extra please choose a thermostat from below or see the air temperature control section for more options.



Heatmiser Slimline SLIMLINEV4



Heatmiser Neostat NEOSTATW



NeoAir Bundle NEOBUNDLEW



Slimline RF Kit SLIMLINERFKIT



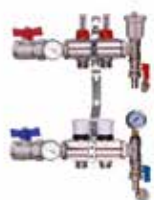
neokit 1 Heating NEOKIT1B

Screed Room Packs - 150mm c/c

Screed Room Packs at 150mm c/c's with Pump Only for Heat Pump Systems

0 - 50m² Screed

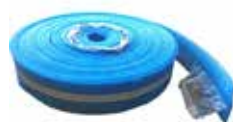
These packs are for when a low temperature heat source is used (Heat Pump). So the pipe centres are at 150mm and there isn't a manifold blending valve. The kit comes complete with pipe and fixings, pump, pump valves, 2-port valve & by-pass and should be installed with a dedicated flow and return from the heat source.



Manifold, Pump & Pump Valves



Luxusheat MLC 16x2mm Pipe



Screed Edge Strip 50m



2 Port Valve & By-Pass



1x Box ProStaple (600pcs)

Thermostats are now an optional extra please choose a thermostat or see the air temperature control section for more options.

Description	Code	Quantity / Unit
Luxusheat Screed Packs (150mm c/c's without Control Set)		
Single Room Screed Pack 150mm c/c's 0 - 22m ²	LUXSRMPK22HP	1
Single Room Screed Pack 150mm c/c's 0 - 28m ²	LUXSRMPK28HP	1
Single Room Screed Pack 150mm c/c's 0 - 34m ²	LUXSRMPK34HP	1
Single Room Screed Pack 150mm c/c's 0 - 42m ²	LUXSRMPK42HP	1
Single Room Screed Pack 150mm c/c's 0 - 50m ²	LUXSRMPK50HP	1



Heatmiser Slimline SLIMLINEV4



Heatmiser Neostat NEOSTATW



NeoAir Bundle NEOBUNDLEW



Slimline RF Kit SLIMLINERFKIT



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New Product - Salus Quantum Smart Home controls

Add convenience, comfort, security and efficiency to your home with the SALUS Smart Home System.

Control multiple devices using the Smart Home app. Start small with a starter pack and grow your system, by adding devices. See how you can simplify your home with SALUS Smart Home products. Our aim is to make life simpler, control and schedule appliances using your PC, tablet or smartphone.



Profix Room Packs

0 - 12m² - Profix

Single room, one zone pack designed to be plumbed into an existing radiator system, when the radiators are on heat is supplied to the manifold. The pump and blending pack has an integral temperature switch so when the water temperature from the boiler reaches 40°C the contact closes and the underfloor heating pump starts circulating water through the underfloor heating loop. (Not suitable for micro-bore heating systems please call us for pipework design suggestions)



Single Room
Control Set



Luxusheat FlexiPex
12x2mm Pipe



Profix Edge
Strip 50m



Profix Panel
(600 x 600mm)



Plastic Pipe Bend
Supports 12mm

No air temperature controls are supplied with the kit, if air temperature controls are required then please see the thermostat options below. If adding a thermostat a 2 port zone valve may also be required.

Above 12m² - Profix

The larger kits come with pump, blending valve and manifold for a single zone. The kit comes complete with pipe and fixings, 2-port valve & by-pass and should be installed with dedicated flow and return pipes from the boiler.



Manifold, Control
Set & Fittings



Luxusheat FlexiPex
12x2mm Pipe



Profix Edge
Strip 50m



Profix Panel
(600 x 600mm)



2 Port Valve &
By-Pass

Description	Code	Quantity / Unit
Luxusheat Profix Packs (150mm c/c's)		
Single Room ProFix Pack 0 - 12m ²	LUXSRMPK12PF	1
Single Room ProFix Pack 0 - 24m ²	LUXSRMPK24PF	1
Single Room ProFix Pack 0 - 36m ²	LUXSRMPK36PF	1

Thermostats are now an optional extra please choose a thermostat from the options below or see the air temperature control section for more options.



Heatmiser Slimline
SLIMLINEV4



Heatmiser Neostat
NEOSTATW



NeoAir Bundle
NEOBUNDLEW



Slimline RF Kit
SLIMLINERFKIT



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NEOKIT1B

Overboard Room Packs

0 - 12m² - Overboard Heavy

Single room, one zone pack designed to be plumbed into an existing radiator system, when the radiators are on heat is supplied to the manifold. The pump and blending pack has an integral temperature switch so when the water temperature from the boiler reaches 40°C the contact closes and the underfloor heating pump starts circulating water through the underfloor heating loop. (Not suitable for micro-bore heating systems please call us for pipework design suggestions)



Single Room
Control Set



Luxusheat FlexiPex
12x1.5mm Pipe



Overboard Panel &
Returns



Overboard
Glue



Plastic Pipe Bend
Supports 12mm

No air temperature controls are supplied with the kit, if air temperature controls are required then please see the thermostat options below. If adding a thermostat a 2 port zone valve may also be required.

Above 12m² - Overboard Heavy

The larger kits come with pump, blending valve and manifold for a single zone, the kit comes complete with pipe and fixings, 2-port valve & by-pass and should be installed with dedicated flow and return pipes from the boiler.



Manifold, Control
Set & Fittings



Luxusheat FlexiPex
12x1.5mm Pipe



Overboard Panel &
Returns



Overboard
Glue



2 Port Valve &
By-Pass

Description	Code	Quantity / Unit
Luxusheat Overboard Heavy Packs (150mm c/c's)		
Single Room Overboard Heavy Pack 0 - 12m ²	LUXSRMPK12OH	1
Single Room Overboard Heavy Pack 0 - 24m ²	LUXSRMPK24OH	1
Single Room Overboard Heavy Pack 0 - 36m ²	LUXSRMPK36OH	1

Thermostats are now an optional extra please choose a thermostat from the options below or see the air temperature control section for more options.



Heatmiser Slimline
SLIMLINEV4



Heatmiser Neostat
NEOSTATW



NeoAir Bundle
NEOBUNDLEW



Slimline RF Kit
SLIMLINERFKIT



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Timber Suspended Room Packs

0 - 20m² - Timber Suspended

Single room, one zone pack designed to be plumbed into an existing radiator system, when the radiators are on heat is supplied to the manifold. The pump and blending pack has an integral temperature switch so when the water temperature from the boiler reaches 40°C the contact closes and the underfloor heating pump starts circulating water through the underfloor heating loop. (Not suitable for micro-bore heating systems please call us for pipework design suggestions)



Single Room Control Set



Luxusheat MLC 16x2mm Pipe



Heat Emission Plate 400mm Joist c/c's



16x2mm Eurocone Connector x 2

No air temperature controls are supplied with the kit, if air temperature controls are required then please see the thermostat options below. If adding a thermostat a 2 port zone valve may also be required.

Above 20m² - Timber Suspended

The larger kits come with pump, blending valve and manifold for a single zone, the kit comes complete with pipe and fixings, 2-port valve & by-pass and should be installed with dedicated flow and return pipes from the boiler.



Manifold, Control Set & Fittings



Luxusheat MLC 16x2mm Pipe



Heat Emission Plate 400mm Joist c/c's



2 Port Valve & By-Pass



16x2mm Eurocone Connectors

Description	Code	Quantity / Unit
Luxusheat Timber joist Packs (200mm c/c's with Control Set)		
Single Room Timber Joist Pack 0 - 20m ²	LUXSRMPK20TS	1
Single Room Timber Joist Pack 0 - 30m ²	LUXSRMPK30TS	1
Single Room Timber Joist Pack 0 - 40m ²	LUXSRMPK40TS	1
Single Room Timber Joist Pack 0 - 47m ²	LUXSRMPK47TS	1
Single Room Timber Joist Pack 0 - 57m	LUXSRMPK57TS	1

Thermostats are now an optional extra please choose a thermostat from the options below or see the air temperature control section for more options.



Heatmiser Slimline SLIMLINEV4



Heatmiser Neostat NEOSTATW



NeoAir Bundle NEOBUNDLEW



Slimline RF Kit SLIMLINERFKIT



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Luxusheat FlexiPex Pipe

Our PEX-a cross-linked polyethylene pipe is manufactured using the Organic Peroxide method, having as a result the highest quality PEX pipes on the market and being Certified by the main European Institutes (AENOR, SKZ, CSTB, IIP) complying with the UNE-EN ISO 15875 European regulations and ISO 9001. Made in the EU with a 50 year guarantee.

Luxusheat MLC Pipe

Our PERT-AI-PERT Multilayer pipe is composed by 5 layers using the butt welded system to deliver the highest quality and it is certified by the most prestigious European Institutes (SKZ, AENOR) complying with the UNE-EN ISO 21003 European regulations and ISO 9001.

The combination of PE-RT and Aluminium provides excellent properties, obtaining the advantages of both materials: Plastic (flexibility, corrosion, low thermal conductivity) and Metal (low linear expansion, pressure, and temperature resistance). Made in the EU with a 50 year guarantee.

Luxusheat FlexiPERT Pipe

Our PE-RT pipe is composed by 5 layers, PE-RT, adhesive bonding, EVOH - oxygen barrier, adhesive bonding, PE-RT. Made entirely of plastics the pipe has a uniform structure which makes it durable, corrosion resistant and non-reactive to metals. A lightweight pipe that can be used in all types of warm water underfloor heating installations.

Our ultra flexible 20mm EVOH pert pipe is manufactured to ISO9001 standards ensuring outstanding performance & reliability. Made in the EU with a 50 year guarantee.

Description	Code	Quantity / Unit
FlexiPex Pipe Coils (PEX-A)		
12x2mm FlexiPex Coils		
Luxusheat FlexiPex 12x1.5mm Pipe (85m Coil) NEW	121585FP	85m
Luxusheat FlexiPex 12x1.5mm Pipe (150m Coil) NEW	1215150FP	150m
Luxusheat FlexiPex 12x1.5mm Pipe (240m Coil) NEW	1215240FP	240m
16x2mm FlexiPex Pipe Coils		
Luxusheat FlexiPex 16x2mm Pipe (80m Coil)	1680FP	80m
Luxusheat FlexiPex 16x2mm Pipe (100m Coil)	16100FP	100m
Luxusheat FlexiPex 16x2mm Pipe (120m Coil)	16120FP	120m
Luxusheat FlexiPex 16x2mm Pipe (240m Coil)	16240FP	240m
Luxusheat MLC Pipe 16x2mm (Pert-AL-Pert)		
Luxusheat MLC 16x2mm Pipe - UFH Only - (80m Coil)	1680MLC	80m
Luxusheat MLC 16x2mm Pipe - UFH Only - (100m Coil)	16100MLC	100m
Luxusheat MLC 16x2mm Pipe - UFH Only - (120m Coil)	16120MLC	120m
Luxusheat MLC 16x2mm Pipe - UFH Only - (240m Coil)	16240MLC	240m
Luxusheat MLC 16x2mm Pipe - UFH Only - (500m Coil)	16500MLC	500m
Luxusheat PE-RT Pipe 20x2mm (Pe-rt)		
Luxusheat PE-RT 20x2mm Pipe (100m Coil)	20100PR	100m
Luxusheat PE-RT 20x2mm Pipe (240m Coil)	20240PR	240m

* WRAS Approved Pipe can now be found in the Firmopress price list. (Plumbing Discount Applies)

Related Products



Compact Control
Set V2 (14kw)
CCS14KWV2



Flowmeter
Manifold
VARIOUS



Pipe
Cutter
PIPECUTTER



Eurocone
Connectors
VARIOUS



Pipe de-burring
tool
PIPEBURV2

Water Temperature Controls

Luxusheat Hydronic Controls

Depending on the heat source of the system some form of hydronic equipment will always be needed to control water temperatures and water flow into the manifold and underfloor heating system.

Compact Control Set V2 (14kw) CCS14KWV2	ESBE Temperature Control (18kw) CCS18KW	Single Room Control Set 1RMWTC	Honeywell Two Port Valve MVALVE22	Honeywell By-Pass Valve BYPASS
Wilo Circulation Pump 25/6 WILO25/6	Luxusheat 28mm Pump Valves 28MMPV	Wilo Circulation Pump 25/8 WILO25/8	Heat Pump Compact Control CCSHP	ESBE 3 - 4 Port Valve VARIOUS

Description	Code	Quantity / Unit
Luxusheat Compact Control set (14kw)	CCS14KWV2	1
ESBE Water Temperature Controller (18kw) with CRA Controller	CCS18KW	1
ESBE Single Room Single Zone Control Set	1RMWTC	1
Honeywell 22mm Two Port Motorised Valve	MVALVE22	1
Honeywell 28mm Two Port Motorised Valve	MVALVE28	1
Honeywell By-pass Valve	BYPASS	1
Luxusheat 28mm Pump Valves (Pair)	28MMPV	1
Wilo Circulation Pump RS25/6	WILO25/6	1
Wilo Circulation Pump RS25/8	WILO25/8	1
ESBE CRA Fixed temperature controllers for 3 - 4 port valves	CRA115	1
ESBE 3 or 4 Port valves to be used with CRA Controller	VARIOUS	1
Luxusheat Compact Heat Pump Pack	CCSHP	1

Related Products

Clip Rail With Barbs 50CRBARB	Lockshield Manifold VARIOUS	Luxusheat MLC Pipe VARIOUS	Conduit 16 - 20mm Pipe (50m) 50CONDUIT	Luxusheat FlexiPex Pipe VARIOUS

Water Temperature Controls

Luxusheat Hydronic Controls - Spare Parts



Top Elbow
3/4" x 1 1/2"

CCS14KW-1



4 Way Thermostatic Valve

CCS14KW-2



Brass Elbow Male
3/4" x 22mm

CCS14KW-3



3/4" x 1" Male
Adaptor O'ring seal

CCS14KW-4



Brass Straight Male
3/4" x 22mm

CCS14KW-5



Temperature
Gauge 0-80°C

CCS14KW-6



15mm x 1" Angle
Valve

1RMWTC-1



Nickel Plated
Screwed Flange

1RMWTC-2



Nickel Plated
Flange Nut DN40

1RMWTC-3



22mm Reducing
Bush

1RMWTC-4



Pipe clamp
50 - 56mm

1RMWTC-5



Backing
Plate

1RMWTC-6



Temperature
Switch

1RMWTC-7



35°C-60°C
Blending Valve

1RMWTC-8



Stuart Turner
Circulation Pump

ST-25/6

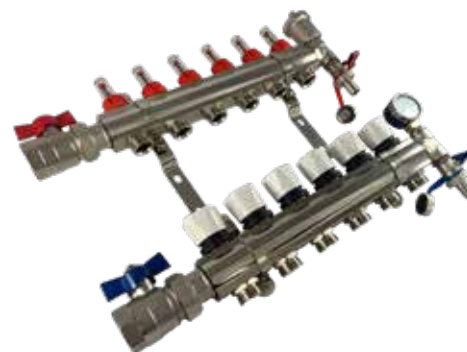
Description	Code	Quantity / Unit
CCS14KW Spare Parts		
Nickel Plated Top Elbow 3/4" x 1 1/2" (with air vent)	CCS14KW-1	1
Nickel Plated 3/4" x 1 1/2" BSP female 4 way thermostatic valve	CCS14KW-2	1
Brass Elbow male 3/4" BSP x 22mm compression fitting	CCS14KW-3	1
Nickel Plated 3/4" x 1" male adaptor O'ring seal	CCS14KW-4	1
Brass straight male 3/4" BSP x 22mm compression fitting	CCS14KW-5	1
Temperature Gauge 0-80°C 15mm back end fitting with O ring	CCS14KW-6	1
1RMWTC Spare Parts		
15mm x 1" (1 pair red/blue) Chrome Combi Angle Valve	1RMWTC-1	1
Nickel Plated Screwed Flange	1RMWTC-2	1
Nickel Plated Flange Nut DN40	1RMWTC-3	1
Chrome 22mm Reducing Bush 1" Male - 1/2" Female	1RMWTC-4	1
Pipe clamp suit 50 - 56mm	1RMWTC-5	1
Backing plate	1RMWTC-6	1
Temperature Switch (set point 50°C NO)	1RMWTC-7	1
VTA352 TMV 35°C-60°C Blending Valve	1RMWTC-8	1
Wilo Circulation Pump RS25/6	WILO256	1
Stuart Turner Circulation Pump 25/6	ST-25/6	1



Distribution Manifolds

Luxusheat Flow Meter Manifolds

The Luxusheat Manifold is pre-assembled for quick installation, manufactured to the highest standard and tested to 10bar. Available in 2 to 12 circuits with flow meters for easy loop circuit flow rate setting. The return manifold includes actuator valves for individual loop control via Luxusheat actuators and room control systems. The manifold also comes complete with an automatic air-vent, pressure gauge & drain valves.



** Isolation valves are now an additional item and need to be ordered separately*

Description	Code	Quantity / Unit
Luxusheat Manifolds with Flow Meters		
Luxusheat 2 Port Manifold - Flow Meters	MAN2PORTF	1
Luxusheat 3 Port Manifold - Flow Meters	MAN3PORTF	1
Luxusheat 4 Port Manifold - Flow Meters	MAN4PORTF	1
Luxusheat 5 Port Manifold - Flow Meters	MAN5PORTF	1
Luxusheat 6 Port Manifold - Flow Meters	MAN6PORTF	1
Luxusheat 7 Port Manifold - Flow Meters	MAN7PORTF	1
Luxusheat 8 Port Manifold - Flow Meters	MAN8PORTF	1
Luxusheat 9 Port Manifold - Flow Meters	MAN9PORTF	1
Luxusheat 10 Port Manifold - Flow Meters	MAN10PORTF	1
Luxusheat 11 Port Manifold - Flow Meters	MAN11PORTF	1
Luxusheat 12 Port Manifold - Flow Meters	MAN12PORTF	1
Essential Manifold Parts		
Luxusheat Manifold Isolation Valves without Gauge (Pair)	MANISV	1
Luxusheat 12x1.5mm x 3/4" Eurocone Connector NEW	1215EUROCONE	1
Luxusheat 16x2mm x 3/4" Eurocone Connector	16EUROCONE	1
Luxusheat 20x2mm x 3/4" Eurocone Connector	20EUROCONE	1

** Please add correct size Eurocone connectors to manifolds (2x per port e.g. 4 port = 8 Eurocones)*

** Isolation valves are now an additional item and need to be ordered separately*

Related Products



Compact Control
Set V2 (14kw)
CCS14KWV2



Honeywell Two Port
Valve
MVALVE22



Honeywell Actuator
(24v or 230v)
ACT230/24v



Isolation Valve
without Gauge
MANISV



16x2mm Eurocone
Connect
16EUROCONE



Distribution Manifolds

Luxusheat Lock Shield Manifolds

The Luxusheat Manifold is pre-assembled for quick installation, manufactured to the highest standard and tested to 10bar. Available in 2 to 12 circuits with lockshield balancing valves for accurate circuit flow rate setting. The return manifold includes actuator valves for individual loop control via Luxusheat actuators and room control systems. The manifold also comes complete with an automatic air vent, pressure gauge and drain valves.



** Isolation valves are now an additional item and need to be ordered separately*

Description	Code	Quantity / Unit
Luxusheat Manifolds with Lock Shield Valves		
Luxusheat 2 Port Manifold - Lockshield	MAN2PORT	1
Luxusheat 3 Port Manifold - Lockshield	MAN3PORT	1
Luxusheat 4 Port Manifold - Lockshield	MAN4PORT	1
Luxusheat 5 Port Manifold - Lockshield	MAN5PORT	1
Luxusheat 6 Port Manifold - Lockshield	MAN6PORT	1
Luxusheat 7 Port Manifold - Lockshield	MAN7PORT	1
Luxusheat 8 Port Manifold - Lockshield	MAN8PORT	1
Luxusheat 9 Port Manifold - Lockshield	MAN9PORT	1
Luxusheat 10 Port Manifold - Lockshield	MAN10PORT	1
Luxusheat 11 Port Manifold - Lockshield	MAN11PORT	1
Luxusheat 12 Port Manifold - Lockshield	MAN12PORT	1
Essential Manifold Parts		
Luxusheat Manifold Isolation Valves without Gauge (Pair)	MANISV	1
Luxusheat 12x1.5mm x 3/4" Eurocone Connector NEW	1215EUROCONE	1
Luxusheat 16x2mm x 3/4" Eurocone Connector	16EUROCONE	1
Luxusheat 20x2mm x 3/4" Eurocone Connector	20EUROCONE	1

** Please add correct size Eurocone connectors to manifolds (2x per port e.g. 4 port = 8 Eurocones)*

** Isolation valves are now an additional item and need to be ordered separately*

Related Products

				
Honeywell By-Pass Valve	Wilco Circulation Pump 25/6	Luxusheat 28mm Pump Valves	ESBE CRA Actuator	ESBE 3 - 4 Port Valve
BYPASS	WILO25/6	28MMPV	CRA115	VARIOUS

Distribution Manifolds

Distribution Manifold Accessories

				
16x2mm Eurocone Connector	Isolation Valve without Gauge	Isolation valve with Gauge	Honeywell Actuator (24v or 230v)	High Limit Water Protection
16EUROCONE	MANISV	MANISVG	ACT230/24v	TFS30

Description	Code	Quantity / Unit
Manifold Accessories		
12x1.5mm x 3/4" Eurocone Connector NEW	1215EUROCONE	1
16x2mm x 3/4" Eurocone Connector	16EUROCONE	1
20x2mm x 3/4" Eurocone Pipe Connector	20EUROCONE	1
Luxusheat Manifold Main Isolation Valves without Gauge	MANISV	1
Luxusheat Manifold Main Isolation Valves with Temperature Gauge	MANISVG	1
Honeywell Loop Actuator 230V	ACT230V	1
Honeywell Loop Actuator 24v	ACT24V	1
High Limit Water Protection	TFS30	1
Other Eurocone Pipe Connector Sizes		
12x2mm x 3/4" Eurocone Connector	12EUROCONE	1
15x2mm x 3/4" Eurocone Connector	1520EUROCONE	1
16x1.5mm x 3/4" Eurocone Connector	1615EUROCONE	1
17x2mm x 3/4" Eurocone Connector	1720EUROCONE	1

High Limit Water Protection

Our optional high limit water temperature thermostat protection device replaces the automatic air vent on Luxusheat manifolds. If the flow temperature entering the manifold rises above 60°C, the high limit thermostat will cut the power supply to the underfloor heating pump and 2 port motorised valve. Protecting the floor from overheating and potentially causing damage to the floor surface finishes.

High Limit Water Protection	TFS30	1
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Distribution Manifolds

Distribution Manifold Spare Parts

				
Flow Meter Assembly MANFLWMTR	Actuator Valve Assembly MANACTVALVE	Automatic Air Vent MANAAV	Pressure Gauge MANGAUGE	End Cap Air Vent Assembly MANENDCAPAAV
				
End Cap Pressure Gauge Assembly MANENDCAPG	Manifold Joiner MANJOIN	Manifold 3/4" Blanking Cap BLANK	Manifold Bracket MANBRAK	Lockshield Valve Assembly MANLOCKVALVE

Description	Code	Quantity / Unit
Luxusheat Manifold Spare Parts		
Luxusheat Manifold Flowmeter Assembly	MANFLWMTR	1
Luxusheat Manifold Actuator Valve Assembly	MANACTVALVE	1
Luxusheat Manifold Automatic Air Vent	MANAAV	1
Luxusheat Manifold Pressure Gauge	MANGAUGE	1
Luxusheat Manifold Endcap Air Vent Assembly	MANENDCAPAAV	1
Luxusheat Manifold Endcap Pressure Gauge Assembly	MANENDCAPG	1
Luxusheat Manifold Joiner	MANJOIN	1
Luxusheat Manifold 3/4" Blanking Cap	BLANK	1
Luxusheat Manifold Bracket (Pair)	MANBRAK	1
Luxusheat Lockshield Valve Assembly	MANLOCKVALVE	1



Free Standard Delivery on underfloor heating orders over £250 + vat

Parcels

*£15 Next working day

*£25 Next working day before 10:30am

*If ordered before 1pm (conditions apply)



Pipe Fixing Systems

Solid Screed Fixing

Solid floor constructions are one of the simplest, most cost effective ways of installing UFH. The pipes are laid on insulation then covered with screed which acts as a large heat conductor.

				
Screed Edge Strip 50m 50EDGE	Conduit 16 - 20mm Pipe (50m) 50CONDUIT	60mm UFH ProStaple PROCLIP60	60mm UFH ProStaple (Bulk) PROCLIP60M	40mm UFH ProStaple PROCLIP40
				
40mm UFH ProStaple (Bulk) PROCLIP40M	Clip Rail With Barbs 50CRBARB	Clip Rail Adhesive Tape (1m lengths) 50CRTAPE	Multifoil Multi Layer Insulation MULTIFOIL	Pipe Positioning Plate PPPLATE

Description	Code	Quantity / Unit
Luxusheat Solid Screed Fixings		
Luxusheat Screed Floor Edge Strip -50m	50EDGE	50m
Luxusheat Conduit for 16 - 20mm Pipe - 50m	50CONDUIT	50m
60mm UFH ProStaple for Pro-Staple Gun	PROCLIP60	1 Box (600 pcs)
60mm UFH ProStaple for Pro-Staple Gun (Bulk Box Inc quickload)	PROCLIP60M	1 Box (2880 pcs)
40mm UFH ProStaple for Pro-Staple Gun	PROCLIP40	1 Box (300 pcs)
40mm UFH ProStaple for Pro-Staple Gun (Bulk Box Inc quickload)	PROCLIP40M	1 Box (3600 pcs)
Luxusheat Clip Rail with Barbs (1 Meter lengths)	50CRBARB	1
Luxusheat Clip Rail with Adhesive Tape (1 Meter lengths)	50CRTAPE	1
Luxusheat 50mm Clip Rail Barb (for 50CRTAPE)	50BARB	1 Box (200 pcs)
Luxusheat Pipe Positioning Plate (1215mm x 815mm)	PPPLATE	1
Multifoil Multi-layer reflective insulating foil (60m² Roll)	MULTIFOIL	1
Luxusheat Long Pipe Clips - 50mm *Not to be used with ProGun	50LCLIP	1 Box (250 pcs)
Luxusheat Short Pipe Clips - 40mm *Not to be used with ProGun	40SCLIP	1 Box (300 pcs)

Luxusheat Design Services

When requested and on placement of an order Luxusheat will provide you with a full design package that will include a detailed drawing as a guide to the installation, and if required comprehensive design that conforms to BS EN 1264 including:

- Manifold design data
- Commissioning information for manifold set up
- Flow temperatures
- Flow rates
- Pressure drop
- Mechanical and electrical schematics
- Air and Floor temperature Figures
- Floor covering details



Pipe Fixing Systems

Slim Retro Fit Systems - 12mm FlexiPex Pipe

Luxusheat can supply a variety of slim underfloor heating systems to suit most retrofit applications whether over boarding an existing concrete floor or creating a new structural floor board with UFH embedded within. One of the most important elements to consider when selecting a retrofit system is the final floor covering as not all our systems are appropriate for all floor finishes.

				
Fibre Cement Board (800x600x18mm)	Overboard Return	Overlay Glue	Slim 12 Light (1250x600x20)	Slim 12 Light - Tile (1200x600x20)
OSBST68	OBWMB18R	GLUE	OBXPS	TB720

Overboard - Heavy (18mm Thickness)

Luxusheat Overboard low height system is ideal for refurbishments and where floor to ceiling height is limited. The boards are only 18mm thick and have been developed to take the Luxusheat FlexiPex 12mm pipe at 150mm c/c's. The fibre boards are ideal for heat pump systems due to the thermal conductivity properties. The gypsum based board can be directly tiled on to. Engineered wooden boards can be floated on top and a thin 9mm ply layer can be laid and fixed to accept carpet or any other floor finish.

Description	Code	Quantity / Unit
Luxusheat Overboard - (18mm Thickness)		
Luxusheat Gypsum Fibre Board (800x600x18mm)	OSBST68	1
Luxusheat Overboard Return	OBWMB18R	1
Luxusheat Overlay Glue	GLUE	1

Overboard - Slim 12 Light (20mm Thickness)

Luxusheat Overboard low height system is ideal for refurbishments and where floor to ceiling height is limited. The boards are only 18mm thick and have been developed to take the Luxusheat FlexiPex 12mm pipe at 150mm c/c's. The gypsum boards are ideal for heat pump systems due to the thermal conductivity properties. The gypsum based board can be directly tiled on to. Engineered wooden boards can be floated on top and a thin 9mm ply layer can be laid and fixed to accept carpet or any other floor finish.

Description	Code	Quantity / Unit
Overboard Slim 12 Light - (20mm Thickness)		
Overboard Slim 12 Light XPS insulation panel (1250x600x20mm)	OBXPS	1

Overboard - Slim 12 Light Tile (20mm Thickness)

Our Overboard tile is a light weight insulation panel with the same properties of the Overboard Slim 12 but the foil faced insulation covering has been replaced with a cement skim so tiles can be laid directly on top. The product has straight grooves only so overboard returns (OBWMB18R) are needed to complete the installation.

Description	Code	Quantity / Unit
Overboard Slim 12 Light Tile - (20mm Thickness)		
Overboard Slim 12 Light Tile (1200x600x20mm)	TB720	1
Luxusheat Overboard Return	OBWMB18R	1

Pipe Fixing Systems

Profix & Profix Plus Panel - (15 - 20mm Thickness)

The Profix™ Ultra-Low-Profile Screed System for 12mm diameter pipe and the Profix™ PLUS for our 16mm diameter pipe enable market-leading heat outputs and response times to be achieved, even at low water temperatures. In combination with heat pumps, they meet the primary objective of the Future Homes Standard to provide a future-proofed low carbon heating solution to help bring the UK's greenhouse gas emissions to net zero by 2050.



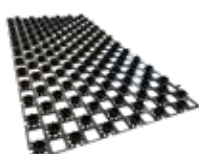
Profix Panel
(600x600x15mm)

PFIXP



Profix Self-levelling
compound

CEM220



Profix Plus Panel
(1200x600x20mm)

PROFIXPLUS



Profix Edge Strip
(50m)

PROEDGE



Profix Clip Rail
(Box 10)

PROFIXHW

Description	Code	Quantity / Unit
Profix - (15mm Thickness)		
Profix Panel (600x600x15mm)	PFIXP	1
Profix Self-levelling compound (25kg Bag)	CEM220	1
Profix Edge Strip (50m)	PROEDGE	1
ProFix Clip Rail (Box 10)	PROFIXHW	1
Profix Plus - (20mm Thickness)		
Profix Plus Panel (1200x600x20mm)	PROFIXPLUS	1

Structural Chipboard (22mm Thickness)

Luxusheat structural board is a P5 MR 22mm tongue and grooved chipboard with routed pipe runs and multiple returns.

The foil version helps distribute the heat quicker and more evenly across the floor increasing warm-up times. The chipboard is laid in the same fashion as a normal chipboard floor deck on top of new or existing joists with a 9mm ply layer fixed on top to accept floor coverings.



22mm Structural
(Non-Foiled)

22MCHIP



22mm Structural
(Foiled)


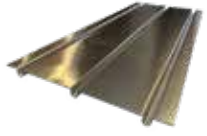
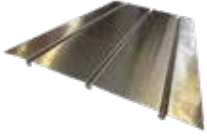

22MCHIPF

Description	Code	Quantity / Unit
Luxusheat Structural Chipboard - (22mm Thickness)		
Non-Foiled Pre-Grooved P5 MR Chipboard (2400x600x22mm)	22MCHIP	1
Foiled Pre-Grooved P5 MR Chipboard (2400x600x22mm)	22MCHIPF	1

Pipe Fixing Systems

Timber Suspended Plates - 16mm Pipe

Heat emission plates are made from aluminium and can be snapped to shorten as required. The heat plates are generally used on intermediate timber floors, our standard plates fit between 400mm and 600mm joist centres. We can produce other sizes (widths) if required.

			
Emission Plate (1000x390x0.5mm)	Emission Plate (1000x390x0.5mm)	Emission Plate (1000x590x0.7mm)	Emission Plate (1000x590x0.7mm)
TSHP400	TSHP400150	TSHP600200	TSHP600150

Description	Code	Quantity / Unit
Emission Plate (1000x390x0.5mm) - 200mm c/c's (400mm Joists)	TSHP400	1
Emission Plate (1000x390x0.5mm) - 150mm c/c's (400mm Joists)	TSHP400150	1
Emission Plate (1000x590x0.7mm) - 200mm c/c's (600mm Joists)	TSHP600200	1
Emission Plate (1000x590x0.7mm) - 150mm c/c's (600mm Joists)	TSHP600150	1

Fit From Below Emission Plate

Luxusheat's from below system is an aluminium heat emission plate which is fitted from below when I-beam or metal web joists are installed. The pipe is fitted into and gripped by the specially formed plate with 200mm pipe centres for 16mm pipe.

		
From Below Plate (1000x310x0.7mm)	From Below Clip (16mm Pipe)	Double Edge Plate (150mm)
TSHPB310	TSHPBCLIP	DEP150

Description	Code	Quantity / Unit
Luxusheat From Below Heat Plate		
From Below Plate (1000x310x0.7mm) - (400mm Joists)	TSHPB310	1
From Below Clip for 16mm Pipe - (Box 50)	TSHPBCLIP	1
From Below Double Edge Plate (1000x150x0.5mm) - 150mm	NEW DEP150	1

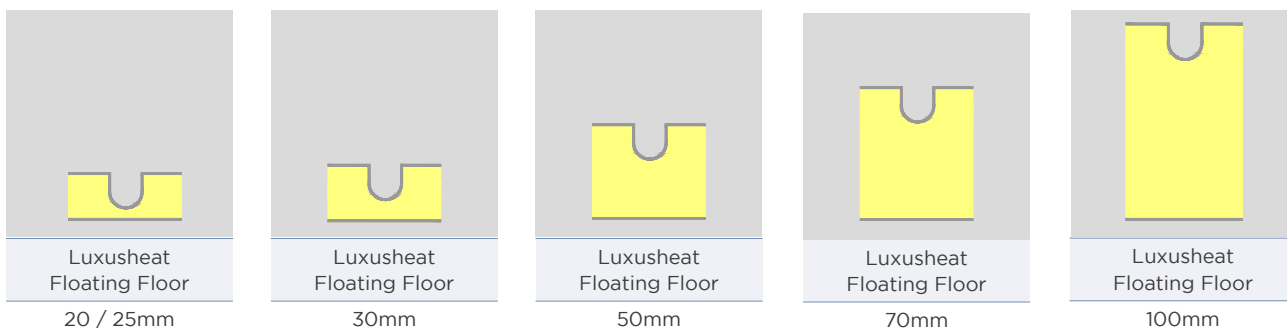
Related Products

				
Compact Control Set V2 (14kw)	Flowmeter Manifold	Luxusheat MLC Pipe	2 Port Valve & By-Pass	16x2mm Eurocone Connector
CCS14KWV2	VARIOUS	VARIOUS	VARIOUS	16EUROCONE

Pipe Fixing Systems

Floating Floor - 16mm Pipe @ 150mm & 200mm c/c's

The Luxusheat floating floor systems are high grade foil faced expanded or extruded foil backed insulation panels with grooves at 150mm or 200mm c/c's to take 16mm pipe - usually FlexiPex. As these are made to order please allow plenty of time for us to produce the product.



Description	Code	Quantity / Unit
Standard EPS150 Expanded Insulation (200mm pipe Centres)		
Floating Floor 25mm - 200mm c/c's (1200x1200x25mm)	FF25EPS150	1
Floating Floor 30mm - 200mm c/c's (1200x1200x30mm)	FF30EPS150	1
Floating Floor 50mm - 200mm c/c's (1200x1200x50mm)	FF50EPS150	1
Floating Floor 70mm - 200mm c/c's (1200x1200x70mm)	FF70EPS150	1
Floating Floor 100mm - 200mm c/c's (1200x1200x100mm)	FF100EPS150	1
Standard EPS150 Expanded Insulation (150mm pipe Centres)		
Floating Floor 25mm - 150mm c/c's (1200x1200x25mm)	FF25EPS150150	1
Floating Floor 30mm - 150mm c/c's (1200x1200x30mm)	FF30EPS150150	1
Floating Floor 50mm - 150mm c/c's (1200x1200x50mm)	FF50EPS150150	1
Floating Floor 70mm - 150mm c/c's (1200x1200x70mm)	FF70EPS150150	1
Floating Floor 100mm - 150mm c/c's (1200x1200x100mm)	FF100EPS150150	1
High Grade XPS Extruded Insulation (200mm pipe Centres)		
Floating Floor 20mm - 200mm c/c's (1250x600x20mm)	FF20KF300200	1
Floating Floor 25mm - 200mm c/c's (1250x600x25mm)	FF25XF250	1
Floating Floor 30mm - 200mm c/c's (1250x600x30mm)	FF30XF250	1
Floating Floor 50mm - 200mm c/c's (1250x600x50mm)	FF50XF300	1
Floating Floor 70mm - 200mm c/c's (1250x600x70mm)	FF70XF300	1
Floating Floor 100mm - 200mm c/c's (1250x600x100mm)	FF100XF300	1
High Grade XPS Extruded Insulation (150mm pipe Centres)		
Floating Floor 20mm - 150mm c/c's (1250x600x20mm)	FF20KF300150	1
Floating Floor 25mm - 150mm c/c's (1250x600x25mm)	FF25XF250150	1
Floating Floor 30mm - 150mm c/c's (1250x600x30mm)	FF30XF250150	1
Floating Floor 50mm - 150mm c/c's (1250x600x50mm)	FF50XF300150	1
Floating Floor 70mm - 150mm c/c's (1250x600x70mm)	FF70XF300150	1
Floating Floor 100mm - 150mm c/c's (1250x600x100mm)	FF100XF300150	1

EPS150 Technical data:

Thermal Conductivity = 0.035W/mK
Compressive Strength = 150kPa @ 10% Compression

XPS Technical data:

Thermal Conductivity = 0.033W/mK
Compressive Strength = 250kPa @ 10% Compression (25 & 30mm)
300kPa @ 10% Compression (50, 75, & 100mm)

NOTE: - all boards are made to order and require a deposit, please allow 10 working days for delivery.
- Other thicknesses are available on request.

Tools & Accessories

Installation Tools & Pipe Accessories

				
Luxusheat Pipe Decoiler	Pipe de-burring tool	Pipe Cutter	Pro Staple Gun	Plastic Pipe Bend Support
DECOIL	PIPEBURV2	PIPECUTTER	PROSTAPLEGUN	VARIOUS

				
Push Fit Coupling 16mm	Repair Coupling 3/4" x 3/4"	Mechanical Repair Coupling 12mm	Mechanical Repair Coupling 16mm	Mechanical Repair Coupling 20mm
16REPAIR	REPAIR	REPAIR12	REPAIR16	REPAIR20

Description	Code	Quantity / Unit
Luxusheat Tools		
Pipe Decoiler	DECOIL	1
Pipe de-burring tool - 10/12/16mm NEW	PIPEBURV2	1
Pipe Cutter	PIPECUTTER	1
Pro Staple Gun	PROSTAPLEGUN	1
Luxusheat Pipe Accessories		
Plastic Pipe Bend Support - 12mm Pipe	12BEND	1
Plastic Pipe Bend Support - 16mm Pipe	16BEND	1
Plastic Pipe Bend Support - 20mm Pipe	20BEND	1
Push Fit Coupling 16mm	16REPAIR	1
Repair Coupling 3/4" x 3/4"	REPAIR	1
Mechanical Repair Coupling 12mm	REPAIR12	1
Mechanical Repair Coupling 16mm	REPAIR16	1
Mechanical Repair Coupling 20mm	REPAIR20	1

Free Bespoke Quotation Service

We only supply small one room kits and prefer to take care and quote each project on an individual bespoke basis, this way the quotation is accurate without material waste and to your requirements and specification.

- Quotes returned in 24 - 48hrs
- BS EN1264 Design at quotation stage
 - Flow rates
 - Pressure drop
 - Flow temperature
 - Air and floor temperature figures
 - Floor covering details
- Quotation Drawing showing
 - Thermostat zones
 - Heated area
 - Manifold locations

Send us your plans
sales@luxusheat.co.uk

Our team will discuss your project to establish the best system.

Heatmiser Air Temperature Controls

neoStat Range

The Heatmiser neoStat in three stunning colour choices is a 230v powered thermostat with a volt free switch. The neoStat is designed to communicate with the neoHub and other neoStats within your home, to create a fully controllable network system of your home heating. The neoStat can be configured to work as a thermostat or as a timer so if you want to take control of your towel rails, or lighting - Neo offers you this and more.

				
NeoStat White NEOSTATW	NeoStat Platinum NEOSTATS	NeoStat Black NEOSTATB	Heatmiser NeoHub NEOHUB	Heatmiser NeoPlug NEOPLUG
				
Remote Sensor (Floor) SENSOR	Thimble Sensor THIMBLE	NeoStat Hot Water VARIOUS	Heatmiser NeoUltra VARIOUS	Wireless Air Sensor EDGEAIR

Description	Code	Quantity / Unit
Heatmiser neoStat		
Heatmiser neoStat - White	NEOSTATW	1
Heatmiser neoStat - Platinum	NEOSTATS	1
Heatmiser neoStat - Black	NEOSTATB	1
Heatmiser neoHub	NEOHUB	1
Heatmiser neoPlug	NEOPLUG	1
Heatmiser Remote Sensor 3meter (Floor)	SENSOR	1
Heatmiser Thimble Sensor	THIMBLE	1
Heatmiser Wireless Air Sensor	EGDEAIR	1
Heatmiser neoStat Hot Water - Platinum	NEOSTATHWS	1
Heatmiser neoStat Hot Water - White	NEOSTATHWW	1
Heatmiser neoStat Hot Water - Black	NEOSTATHWB	1
Heatmiser neoUltra - White	NEOULTRAW	1
Heatmiser neoUltra - Black	NEOULTRAB	1
Heatmiser neoStat Wall Plate	NEOWALLP	1

Related Products

				
Honeywell Actuator (24v or 230v) ACT230/24v	8 Zone Wiring Centre (240v) UH8	Honeywell 10 Way Junction Box 10WWB	Honeywell Two Port Valve MVALVE22	4 Zone Wiring Centre (240v) UH4

Heatmiser Air Temperature Controls

neoStat 12v

The neoStat is a 12v powered thermostat with a volt free switch. The neoStat communicates to the neoHub and other neoStats within your home, to create a fully controllable network system of your home heating. Our 12v neoStat is compatible with the UH8-N Wiring centre.

				
NeoStat 12v White	NeoStat 12v Platinum	NeoStat 12v Black	Heatmiser NeoHub	Heatmiser NeoPlug
NEOSTATW12	NEOSTATS12	NEOSTATB12	NEOHUB	NEOPLUG

Description	Code	Quantity / Unit
Heatmiser NeoStat 12v		
Heatmiser NeoStat 12v - White	NEOSTATW12	1
Heatmiser NeoStat 12v - Platinum	NEOSTATS12	1
Heatmiser NeoStat 12v - Black	NEOSTATB12	1
Heatmiser UH8-N - 8 Zone Wiring Centre (12v)	UH8N	1
Heatmiser neoHub	NEOHUB	1
Heatmiser neoPlug	NEOPLUG	1

Slimline Range

The Heatmiser Slimline V3 Programmable Room Thermostat is a room stat and programmer in one, providing up to 4 different temperatures at different times of the day.

				
Slimline (240v)	Slimline TM1 (240v Timer)	Slimline E (Inc Floor Sensor)	Slimline B (Battery Powered)	8 Zone Wiring Centre (240v)
SLIMLINE	TM1	SLIMLINEE	SLIMLINEB	UH8

Description	Code	Quantity / Unit
Heatmiser Slimline - 240v		
Heatmiser Slimline - (240v)	SLIMLINE	1
Heatmiser Slimline TM1 - (240v Timer)	TM1	1
Heatmiser Slimline E - (Inc Floor Sensor)	SLIMLINEE	1
Heatmiser Slimline - Voltfree		
Heatmiser Slimline B (Battery Powered with volt-free contact)	SLIMLINEB	1
Heatmiser Wiring Centres - 240v		
Heatmiser UH4 - 4 Zone Wiring Centre (240v)	UH4	1
Heatmiser UH8 - 8 Zone Wiring Centre (240v)	UH8	1

Heatmiser Air Temperature Controls

Wireless Thermostats

All heatmiser's wireless thermostats work with our UH8-RF and RF Switch wireless receivers. The neoAir goes one step further and offers totally wireless App Control of your heating & hot water system.



neoAir
White

NEOAIW



neoAir
Platinum

NEOAI



neoAir
Black

NEOAI



Slimline
RF

SLIMLINERF



Slimline
RF kit

SLIMLINERFKIT



NeoAir White
Bundle

NEOBUNDLEW



RF Switch - Two
Channel Receiver

RFSWITCH



UH8RF 8 Zone
Wiring Centre

UH8RFV2



Neo & RF Series
Repeater

BOOSTER



neoAir
Stand

NEOAI

Description	Code	Quantity / Unit
Heatmiser Wireless Thermostats		
Heatmiser neoAir - White	NEOAIW	1
Heatmiser neoAir - Platinum	NEOAI	1
Heatmiser neoAir - Black	NEOAI	1
Heatmiser Slimline RF	SLIMLINERF	1
Heatmiser Wireless Bundle Kits		
Heatmiser Slimline RF kit (Thermostat & Receiver)	SLIMLINERFKIT	1
Heatmiser NeoAir Bundle White (Thermostat, Receiver & Stand)	NEOBUNDLEW	1
Heatmiser NeoAir Bundle Platinum	NEOBUNDLES	1
Heatmiser NeoAir Bundle Black	NEOBUNDLEB	1
Heatmiser Wireless Accessories		
Heatmiser RF Switch - Two Channel Receiver	RFSWITCH	1
Heatmiser UH8 - RF 8 Zone Wiring Centre	UH8RFV2	1
Heatmiser Boost - Neo & RF Series Repeater	BOOSTER	1
Heatmiser neoAir Stand	NEOAI	1

Quality Products From Top Suppliers

All of our pipe is manufactured in the EU and is produced with strict quality control and regulations. We use trusted and well established suppliers for our component parts.



Heatmiser Air Temperature Controls

Dial Thermostats

Heatmiser's range of electronic dial thermostats are simple to use and offer a greater level of accuracy than standard bi-metallic versions. These thermostats are used in conjunction with a separate programmer to offer automatic night set back temperature reduction.



Manual Dial
Thermostat

DS1 V2



Manual Dial
with LCD

DS1-L V2



Setback Room
Thermostat

DS-SB V3



Slimline Timer
TM4

TM4



8 Zone Wiring
Centre (240v)

UH8

Description	Code	Quantity / Unit
-------------	------	-----------------

Heatmiser Dial - 240v

Heatmiser Manual Dial - (240v)	DS1 V2	1
Heatmiser Manual Dial with LCD - (240v)	DS1-L V2	1
Heatmiser Setback Room Thermostat - (240v)	DS-SB V3	1
Heatmiser Slimline TM1 - (240v Timer)	TM4	1
Heatmiser UH4 - 4 Zone Wiring Centre (240v)	UH4	1
Heatmiser UH8 - 8 Zone Wiring Centre (240v)	UH8	1

Touchscreen Thermostats

The Heatmiser Touch is our modern Touchscreen Thermostat, compatible with most heating systems. With the Heatmiser Touch, you don't need to worry about reading the product manual, the large touchscreen display makes programming simple. With the Heatmiser Touch, a single or multiple Wireless Air Sensors can be paired to the thermostat. When multiple sensors are used, the average temperature is calculated and is perfect for larger open plan properties



Touch V2
(240v)

TOUCHV2



Touch V2-e
(inc floor sensor)

TOUCHV2E



Touch Carbon
(240v)

TOUCHC



Touch Carbon-e
(inc floor sensor)

TOUCHCE



neoUltra
(White)

NEOULTRAW

Description	Code	Quantity / Unit
-------------	------	-----------------

Heatmiser Touchscreen Thermostats

Heatmiser Touch V2	TOUCHV2	1
Heatmiser Touch-e V2 - Inc Floor Sensor	TOUCHV2E	1
Heatmiser Touch Carbon	TOUCHC	1
Heatmiser Touch-e Carbon - Inc Floor Sensor	TOUCHCE	1
Heatmiser neoUltra - White	NEOULTRAW	1
Heatmiser neoUltra - Black	NEOULTRAB	1



Heatmiser Air Temperature Controls

neoKits

HomeKit is the smart home framework from Apple, bringing a common platform to control all of your home's compatible accessories. HomeKit accessories, such as the Heatmiser neoHub, have passed extensive testing by Apple which means when you see the "Works with HomeKit" logo you can be sure of a great user experience.



neokit 1 Heating Only (Black)

NEOKIT1B



neokit 2 HTG & HWS (Platinum)

NEOKIT2S



neoAir Kit Wireless (White)

NEOAIRKITW



neohub Mini Hot Water Kit

NEOMINIHW



neohub Mini open Therm Kit

NEOMINIOT

Description	Code	Quantity / Unit
Heatmiser neoKits		
Heatmiser neoKit 1 Heating Only - White	NEOKIT1W	1
Heatmiser neoKit 1 Heating Only - Platinum	NEOKIT1S	1
Heatmiser neoKit 1 Heating Only - Black	NEOKIT1B	1
Heatmiser neoKit 2 Heating & Hotwater - White	NEOKIT2W	1
Heatmiser neoKit 2 Heating & Hotwater - Platinum	NEOKIT2S	1
Heatmiser neoKit 2 Heating & Hotwater - Black	NEOKIT2B	1
Heatmiser neoAir Kit Wireless - White	NEOAIRKITW	1
Heatmiser neoAir Kit Wireless - Platinum	NEOAIRKITP	1
Heatmiser neoAir Kit Wireless - Black	NEOAIRKITB	1
Heatmiser neohub mini Kit		
Neohub Mini Hot Water Kit - White NEW	NEOMINIHW	1
Heatmiser NeoHub Mini OpenTherm Kit - White NEW	NEOMINIOT	1

Wiring Centres

Heatmiser's central wiring switch boxes have been designed to simplify the wiring process. Using the wiring centres in your application means that the actuator, boiler and pump connections are wired from a single point.



4 Zone Wiring Centre (240v)

UH4



8 Zone Wiring Centre (240v)

UH8



UH8RF 8 Zone Wiring Centre

UH8RF



8 Zone Wiring Centre (12v)

UH8N



Honeywell 10 Way Junction Box

10WWB

Description	Code	Quantity / Unit
Wiring Centres		
Heatmiser UH4 - 4 Zone Wiring Centre (240v)	UH4	1
Heatmiser UH8 - 8 Zone Wiring Centre (240v)	UH8	1
Heatmiser UH8 - RF 8 Zone Wiring Centre	UH8RFV2	1
Heatmiser UH8-N - 8 Zone Wiring Centre (12v)	UH8N	1
Honeywell 10 Way Junction Box	10WWB	1

Salus Contract Controls

Salus Quantum Smart Home Controls

Add convenience, comfort, security and efficiency to your home with the SALUS Smart Home System. Control multiple devices using the Smart Home app. Start small with a starter pack and grow your system, by adding devices. See how you can simplify your home with SALUS Smart Home products.



Quantum 230v
Thermostat
SQ610



Zone Wiring
Centre Master
CB500



Zone Wiring
Centre Extension
CB500X



QuantumRF Ther-
mostat
SQ610RF



RF 8 Zone Wiring
Centre
SQ08RF



RF 4 Zone Wiring
Centre Extension
SQ04RF



Smart Controlled
RF TRV
TRV10RFM



UG600 Universal
Gateway
UG600



SP600
Smart Plug
SP600



SR600
Smart Relay
SR600



SR600 Smart Re-
lay Wall Mount
SR600



RX10RF Boiler
Receiver
RX10RF



RE600
Repeater
RE600



PS600
Smart Pipe Sensor
PS600



EMC600
Electric Monitor
EMC600

Description	Code	Quantity / Unit
Quantum - Wired 230v		
Salus Salus Quantum 230V Programable Stat	SQ610	1
Salus CB500 5 Zone Wiring Centre Master	CB500	1
Salus CB500X 5 Zone Wiring Centre Ext	CB500X	1
Salus KL08NSB 8 Zone Wiring Centre 230V	KL08NSB	1
Salus KLO4NSB 4 Zone Wiring Centre Ext	KLO4NSB	1
Quantum - Wireless		
Salus Quantum RF Programable Stat	SQ610RF	1
Salus KL08RF 8 Zone Wiring Centre	KL08RF	1
Salus KLO4RF Wiring Centre Extension	KLO4RF	1
Smart Home Accessories		
v	TRV10RFM	1
Salus UG600 Universal Gateway	UG600	1
Salus SP600 Smart Plug	SP600	1
Salus SR600 Smart Relay	SR600	1
Salus SR600 Smart Relay Wall Mount	SRS600	1
Salus RX10RF Boiler Receiver	RX10RF	1
Salus RE600 Repeater	RE600	1
Salus Smart Pipe Sensor	PS600	1
Salus EMC600 Electric Monitor	EMC600	1

firmopress

We offer the best plumbing solutions for both domestic and commercial applications from 16mm to 110mm pipe sizes, along with high quality brass metal & plastic PPSU press fittings and an array of bevelling, cutting and press tools to complete the range.

You can feel secure that your system specification, design and materials are in the hands of experienced professionals.

We pride ourselves in selecting premium products and it goes without saying that all our systems carry extensive product guarantees and certification.

The range is comprehensively stocked in a central warehouse ensuring quick, efficient turnaround on orders placed with us. Our experienced team is on hand to provide all the information you will need from conception to commissioning.



The Water Supply (Water Fittings) Regulations and Water Supply (Water Fittings) (Scotland) Bye-laws, play an important role in protecting public health, safeguarding water supplies and promoting the efficient use of water within customers' premises across the UK.

They set legal requirements for the design, installation, operation and maintenance of plumbing systems, water fittings and water-using appliances. They have a specific purpose to prevent misuse, waste, undue consumption or erroneous measurement of water and, most importantly, to prevent contamination of drinking water.



Firmopress Pipe

MULTI-LAYER COMPOSITE PIPE

The Firmopress Pert-al-Pert multi-layer pipe consists of 5 layers. One polyethylene layer is applied to the inside and one to the outside of the welded aluminium pipe. Both PE layers are permanently bonded to the aluminium pipe by means of an adhesive layer. The polyethylene used is a non-cross-linked polyethylene of raised temperature (PE-RT – polyethylene of raised temperature resistance).

The pipe has WRAS approval so pipe quality and integrity can be assured, with the approved press fit system this also means that any off cuts from the underfloor heating system can be used for potable drinking water installations.

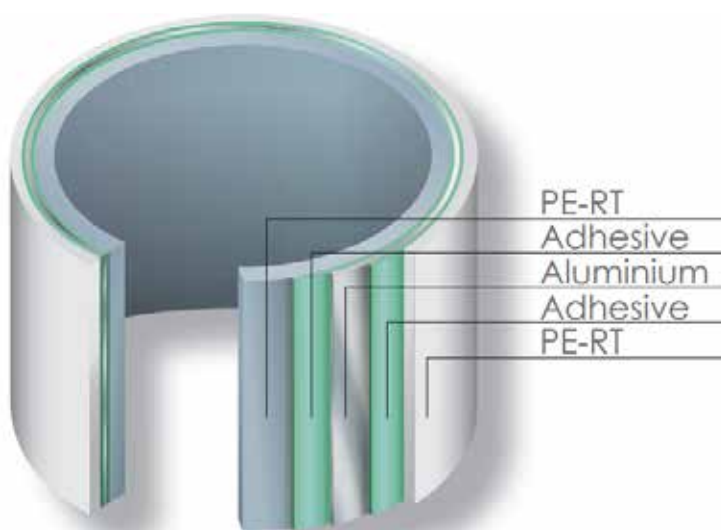
The aluminium core is 100% oxygen diffusion tight, therefore preventing the ingress of any oxygen. The pipe compensates and reduces snap-back forces and heat expansion with changes of temperature and the system is designed for easy, safe and fast pipe installation.

MODERN COMPOSITE MATERIALS

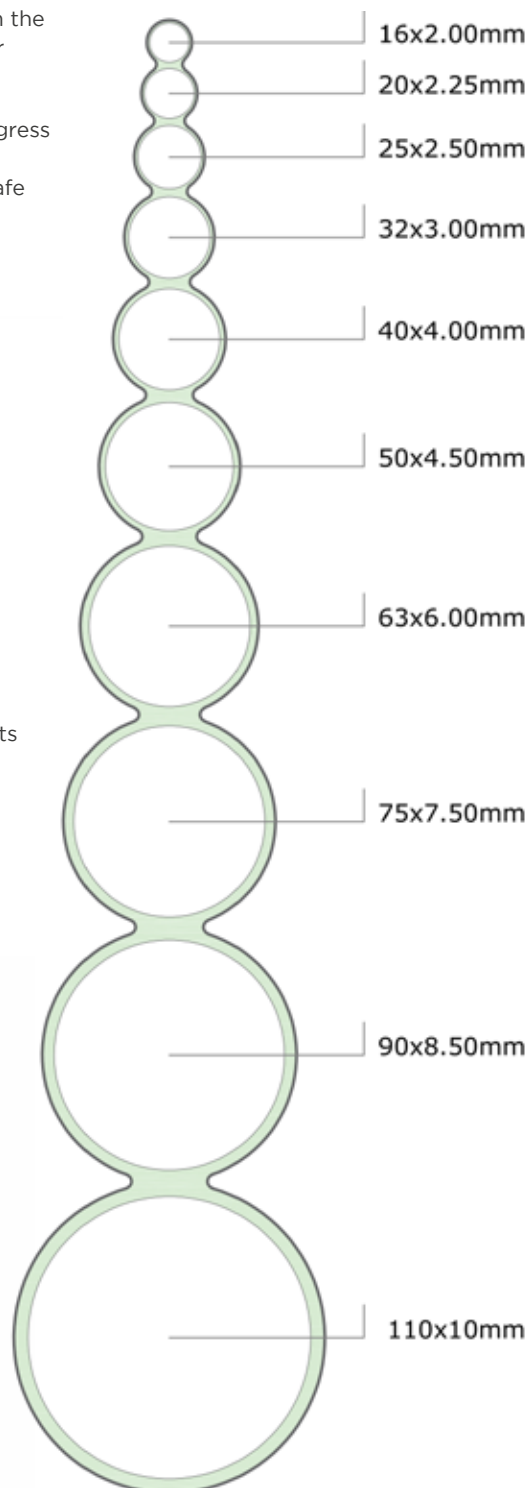
- Environmentally friendly due to the lower use of natural resources
- Combines the advantages of metal & plastic pipes
- Up to 70% lighter than metal pipes
- 100% Oxygen-diffusion barrier

HIGHEST HYGIENIC SAFETY

- PE-RT is hygienically clean with a very smooth surface
- No corrosion, the surface quality remains the same throughout the products life span
- No deposits are able to gather that affects the functionality of the pipe



16mm to 110mm



Five Layer Multi-Layer Composite Pipe

Firmopress Pipe

LOW THERMAL EXPANSION

Due to the inner aluminium layer the thermal expansion is similar to those of metal pipes. Thus the fastening with slide points and fixed points corresponds to those of metal pipes.

- Linear expansion similar to copper pipe
- Low thermal activity means lower stress in long term usage for the pipe
- Less requirements for clipping, expansion bellows and bending legs during installation

Length of pipe	Expansion at ΔT 50K
PEX	500 mm
PP	450 mm
PB	375 mm
PVC	200 mm
Firmopress	62,50 mm
Copper	41,25 mm
galv. steel	28,50 mm
stainl. steel	27,50 mm
50 m →	

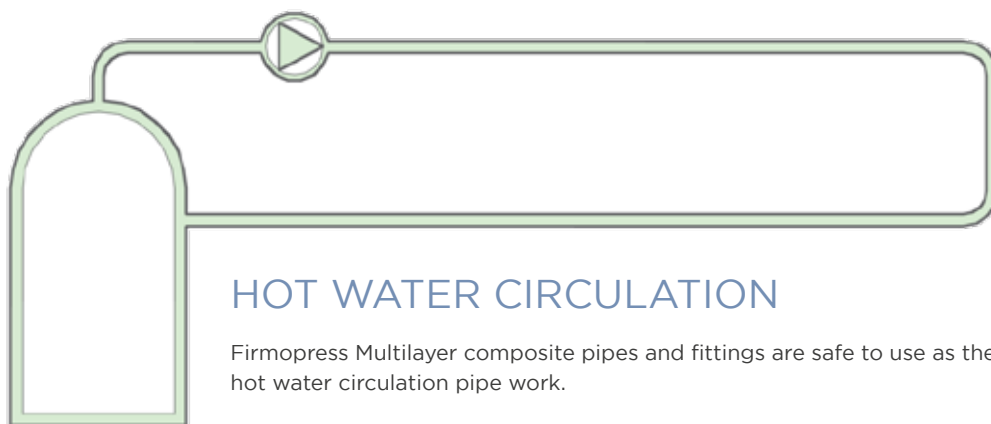
FLEXIBLE

Dimensions up to 25mm can easily be bent by hand. Therefore work can be carried out much more efficiently.



FORMSTABLE

Once bent, the pipe will keep its shape. This means a significant reduction in fastening points.



HOT WATER CIRCULATION

Firmopress Multilayer composite pipes and fittings are safe to use as the secondary return hot water circulation pipe work.

Tested continuously for more than 30 years at an operating temperature that exceeds the requirement of the WRAS approval test procedure of 70°C (tap water) and 80°C (heating) as well as a continuous operating pressure of 10 bar.

Firmopress Fittings

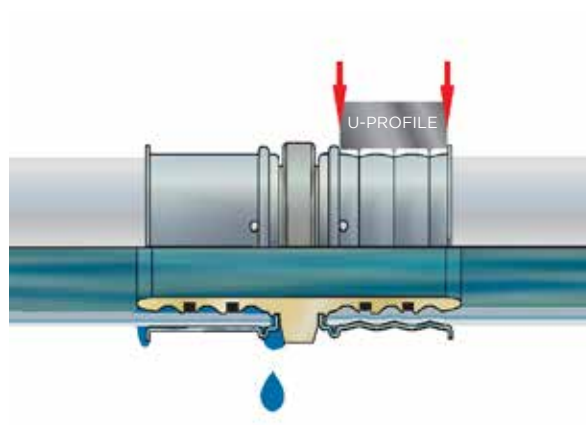
METAL PRESS FITTINGS 16 -32mm

The Pressing Sleeve

- Fixed to the brass body and protects the O-rings from being damaged
- Enables an easy check of the correct insertion depth due to the inspection windows
- Has a double flange press jaw guide that makes a correct pressing easier even at poorly accessible position.
- Keeps the pipe permanently fixed to the fitting body after pressing. The pipe can still be turned and adjusted after pressing.

Additional test safety

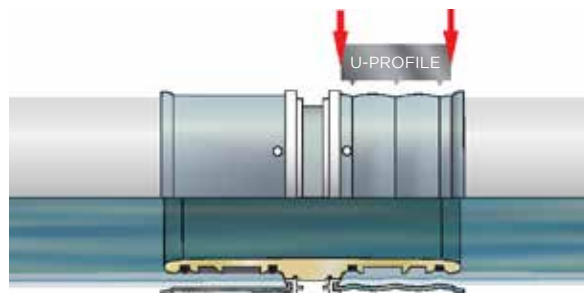
- Non-pressed connections can be easily detected during the pre-pressure test (test pressure 1.5 Bar for 15mins by appearance of water.



METAL PRESS FITTINGS 40 -75mm

The Pressing Sleeve

- Protects the O-rings from being damaged
- Enables an easy check of the correct insertion depth due to the inspection windows
- Has a double flange press jaw guide that makes a correct pressing easier even at poorly accessible position.
- Keeps the pipe permanently fixed to the fitting body after pressing. The pipe can still be turned and adjusted after pressing.



16mm to 75mm Metal press fittings

Firmopress Fittings

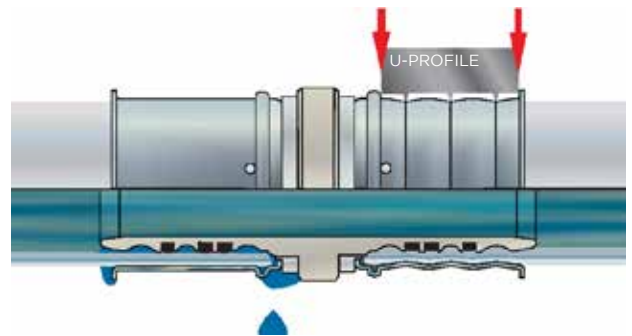
PPSU PRESS FITTINGS 16 -63mm

The Pressing Sleeve

- Fixed to the PPSU body and protects the O-rings from being damaged
- Enables an easy check of the correct insertion depth to the inspection windows
- Has a double flange press jaw guide that makes a correct pressing easier even at poorly accessible position.
- Keeps the pipe permanently fixed to the fitting body after pressing. The pipe can still be turned and adjusted after pressing.

Additional test safety

- Non-pressed connections can be easily detected during the pre-pressure test (test pressure 1.5 Bar for 15mins by appearance of water.



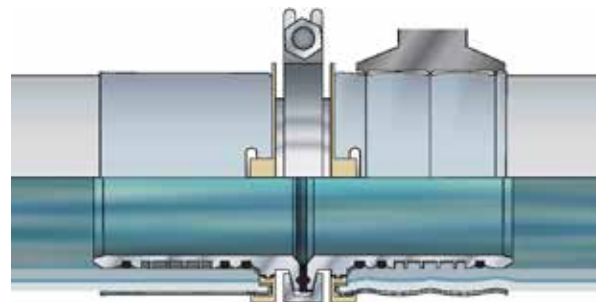
MODULAR - Metal press fittings 25mm - 110mm

The Modular Concept

- Pressing adapter is connected to the pipe by the pressing tool
- Joints, tees or elbows are easily connected to the adaptor by gripper clamps.

Flexible & safe

- Working with pre-mounted parts means higher safety on site with lighter pipes and fittings compared to traditional metal materials. Easy pipe connection techniques makes the handling in risers and over head more safe.



16mm to 63mm PPSU press fittings



25mm to 110mm Modular press fittings

Multilayer Pipes

Multilayer Pert-AL-Pert Pipe

Description	Type	Code	Unit Length
Multilayer pipe - Coils			
Multilayer Pipe (Coil)	16 x 2mm	BFB 10080	80m Coil
Multilayer Pipe (Coil)	16 x 2mm	BFB 10100	100m Coil
Multilayer Pipe (Coil)	16 x 2mm	BFB 10120	120m Coil
Multilayer Pipe (Coil)	16 x 2mm	BFB 10240	240m Coil
Multilayer Pipe (Coil)	16 x 2mm	BFB 10500	500m Coil
Multilayer Pipe (Coil)	20 x 2.25mm	BFB 10030	100m Coil
Multilayer Pipe (Coil)	25 x 2.5mm	BFB 10040	50m Coil
Multilayer Pipe (Coil)	32 x 3mm	BFB 10051	50m Coil

Multilayer pipe - Pre-insulated Coils supplied in S9 Insulation Blue

Multilayer Pipe + S9 Insulation	16 x 2mm	BFB 14310	50m Coil
Multilayer Pipe + S9 Insulation	20 x 2.25mm	BFB 14330	50m Coil
Multilayer Pipe + S9 Insulation	25 x 2.5mm	BFB 14340	50m Coil
Multilayer Pipe + S9 Insulation	32 x 3mm	BFB 14350	50m Coil

Multilayer pipe - Pre-insulated Coils supplied in S9 Insulation Red

Multilayer Pipe + S9 Insulation	16 x 2mm	BFB 14310R	50m Coil
Multilayer Pipe + S9 Insulation	20 x 2.25mm	BFB 14330R	50m Coil
Multilayer Pipe + S9 Insulation	25 x 2.5mm	BFB 14340R	50m Coil
Multilayer Pipe + S9 Insulation	32 x 3mm	BFB 14350R	50m Coil

Multilayer pipe - Pre-insulated Coils supplied in S13 Insulation

Multilayer Pipe + S13 Insulation	16 x 2mm	BFB 14410	50m Coil
Multilayer Pipe + S13 Insulation	20 x 2.25mm	BFB 14430	50m Coil
Multilayer Pipe + S13 Insulation	25 x 2.5mm	BFB 14440	50m Coil
Multilayer Pipe + S13 Insulation	32 x 3mm	BFB 14450	50m Coil



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Multilayer Pipes

Multilayer Pert-AL-Pert Pipe

Description	Type	Code	Unit Length
Multilayer pipe - Straight Lengths 3m			
Multilayer Pipe (Straight Length)	16 x 2mm	BFB 15021	3m / 75m
Multilayer Pipe (Straight Length)	20 x 2.25mm	BFB 15031	3m / 51m
Multilayer Pipe (Straight Length)	25 x 2.5mm	BFB 15041	3m / 30m
Multilayer Pipe (Straight Length)	32 x 3mm	BFB 15051	3m / 21m
Multilayer Pipe (Straight Length)	40 x 4mm	BFB 15061	3m / 12m
Multilayer Pipe (Straight Length)	50 x 4.5mm	BFB 15071	3m / 6m
Multilayer Pipe (Straight Length)	63 x 6mm	BFB 15081	3m / 9m
Multilayer Pipe (Straight Length)	75 x 7.5mm	BFB 15091	3m / 3m



Multilayer pipe - Straight Lengths 5m			
Multilayer Pipe (Straight Length)	16 x 2mm	BFB 15012	5m / 125m
Multilayer Pipe (Straight Length)	20 x 2.25mm	BFB 15030	5m / 85m
Multilayer Pipe (Straight Length)	25 x 2.5mm	BFB 15040	5m / 50m
Multilayer Pipe (Straight Length)	32 x 3mm	BFB 15050	5m / 35m
Multilayer Pipe (Straight Length)	40 x 4mm	BFB 15060	5m / 20m
Multilayer Pipe (Straight Length)	50 x 4.5mm	BFB 15070	5m / 10m
Multilayer Pipe (Straight Length)	63 x 6mm	BFB 15080	5m / 15m
Multilayer Pipe (Straight Length)	75 x 7.5mm	BFB 15090	5m / 5m
Multilayer Pipe (Straight Length)	90 x 8.5mm	BFB 15100	5m / 5m
Multilayer Pipe (Straight Length)	110 x 10mm	BFB 15110	5m / 5m

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Plastic Pipe Clips

Description	Type	Code	Box Quantity
Plastic Pipe Clips sold in Boxes			
Single Pipe Clip	16mm	BFB 50016	50
Single Pipe Clip	20mm	BFB 50020	50
Single Pipe Clip	25mm	BFB 50025	50
Single Pipe Clip	32mm	BFB 50032	50
Single Pipe Clip	40mm	BFB 50040	40



Free Standard Delivery on Firmopress plumbing subject to minimum order value:

v

Small Parcels

*£15 Next working day

*£25 Next working day before 10:30am

*If ordered before 1pm (conditions apply)

Press Fittings - Plastic PPSU

Press Fittings - PPSU

Description	Type	Code	Bag Quantity
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PPSU Press Coupling Equal

PPSU Press-Coupling (Equal)	16 x 16mm	BFB 57010	10
PPSU Press-Coupling (Equal)	20 x 20mm	BFB 57030	10
PPSU Press-Coupling (Equal)	25 x 25mm	BFB 57040	10
PPSU Press-Coupling (Equal)	32 x 32mm	BFB 57050	4
PPSU Press-Coupling (Equal)	40 x 40mm	BFB 57060	1
PPSU Press-Coupling (Equal)	50 x 50mm	BFB 57070	1
PPSU Press-Coupling (Equal)	63 x 63mm	BFB 57080	1

PPSU
Equal Coupling



PPSU Press Coupling Reduced

PPSU Press-Coupling (Reduced)	20 x 16mm	BFB 57031	10
PPSU Press-Coupling (Reduced)	25 x 16mm	BFB 57041	10
PPSU Press-Coupling (Reduced)	25 x 20mm	BFB 57042	10
PPSU Press-Coupling (Reduced)	32 x 25mm	BFB 57052	10

PPSU
Reduced Coupling



PPSU Press Elbow 90°

PPSU Press-Elbow 90°	16 x 16mm	BFB 53010	10
PPSU Press-Elbow 90°	20 x 20mm	BFB 53030	10
PPSU Press-Elbow 90°	25 x 25mm	BFB 53040	10
PPSU Press-Elbow 90°	32 x 32mm	BFB 53050	4
PPSU Press-Elbow 90°	40 x 40mm	BFB 53060	1
PPSU Press-Elbow 90°	50 x 50mm	BFB 57070	1
PPSU Press-Elbow 90°	63 x 63mm	BFB 57080	1

PPSU
Elbow 90°



PPSU Press Tee (Equal)

A x B x C

PPSU Press-Tee (Equal)	16x16x16mm	BFB 55010	10
PPSU Press-Tee (Equal)	20x20x20mm	BFB 55030	10
PPSU Press-Tee (Equal)	25x25x25mm	BFB 55040	4
PPSU Press-Tee (Equal)	32x32x32mm	BFB 55050	4
PPSU Press-Tee (Equal)	40x40x40mm	BFB 55060	1
PPSU Press-Tee (Equal)	50x50x50mm	BFB 55070	1
PPSU Press-Tee (Equal)	63x63x63mm	BFB 55080	1

PPSU
Equal Tee



PPSU Press Tee (Reduced)

A x B x C

PPSU Press-Tee (Reduced)	16x20x16mm	BFB 55011	10
PPSU Press-Tee (Reduced)	20x16x16mm	BFB 55031	10
PPSU Press-Tee (Reduced)	20x16x20mm	BFB 55032	10
PPSU Press-Tee (Reduced)	20x20x16mm	BFB 55033	10
PPSU Press-Tee (Reduced)	25x16x25mm	BFB 55041	4
PPSU Press-Tee (Reduced)	25x20x20mm	BFB 55042	4
PPSU Press-Tee (Reduced)	25x20x25mm	BFB 55043	4
PPSU Press-Tee (Reduced)	32x20x32mm	BFB 55051	4
PPSU Press-Tee (Reduced)	32x25x25mm	BFB 55053	4
PPSU Press-Tee (Reduced)	32x25x32mm	BFB 55052	4

PPSU
Reduced Tee



Press Fittings - Brass

Press Fittings - Bass

Description	Type	Code	Bag Quantity
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Brass Press Coupling Equal

Brass Press-Coupling (Equal)	16 x 16mm	BFB 27010	10
Brass Press-Coupling (Equal)	20 x 20mm	BFB 27030	10
Brass Press-Coupling (Equal)	25 x 25mm	BFB 27040	10
Brass Press-Coupling (Equal)	32 x 32mm	BFB 27050	10
Brass Press-Coupling (Equal)	40 x 40mm	BFB 27060	1
Brass Press-Coupling (Equal)	50 x 50mm	BFB 27070	1
Brass Press-Coupling (Equal)	63 x 63mm	BFB 27080	1
Brass Press-Coupling (Equal)	75 x 75mm	BFB 27090	1

Brass
Equal Coupling



Brass Press Coupling Reduced

Brass Press-Coupling (Reduced)	20 x 16mm	BFB 27031	10
Brass Press-Coupling (Reduced)	25 x 16mm	BFB 27041	10
Brass Press-Coupling (Reduced)	25 x 20mm	BFB 27042	10
Brass Press-Coupling (Reduced)	32 x 20mm	BFB 27051	10
Brass Press-Coupling (Reduced)	32 x 25mm	BFB 27052	10
Brass Press-Coupling (Reduced)	40 x 25mm	BFB 27062	1
Brass Press-Coupling (Reduced)	40 x 32mm	BFB 27061	1
Brass Press-Coupling (Reduced)	50 x 32mm	BFB 27072	1
Brass Press-Coupling (Reduced)	50 x 40mm	BFB 27071	1
Brass Press-Coupling (Reduced)	63 x 40mm	BFB 27081	1
Brass Press-Coupling (Reduced)	63 x 50mm	BFB 27082	1
Brass Press-Coupling (Reduced)	75 x 40mm	BFB 27091	1
Brass Press-Coupling (Reduced)	75 x 50mm	BFB 27092	1
Brass Press-Coupling (Reduced)	75 x 63mm	BFB 27093	1

Brass
Reduced Coupling



Brass Press Elbow 90°

Brass Press-Elbow 90°	16 x 16mm	BFB 23010	10
Brass Press-Elbow 90°	20 x 20mm	BFB 23030	10
Brass Press-Elbow 90°	25 x 25mm	BFB 23040	10
Brass Press-Elbow 90°	32 x 32mm	BFB 23050	4
Brass Press-Elbow 90°	40 x 40mm	BFB 23060	1
Brass Press-Elbow 90°	50 x 50mm	BFB 23070	1
Brass Press-Elbow 90°	63 x 63mm	BFB 23080	1
Brass Press-Elbow 90°	75 x 75mm	BFB 23090	1

Brass
Elbow 90°



Brass Press Elbow 45°

Brass Press-Elbow 45°	32 x 32mm	BFB 23250	4
Brass Press-Elbow 45°	40 x 40mm	BFB 23260	1
Brass Press-Elbow 45°	50 x 50mm	BFB 23270	1
Brass Press-Elbow 45°	63 x 63mm	BFB 23280	1
Brass Press-Elbow 45°	75 x 75mm	BFB 23290	1

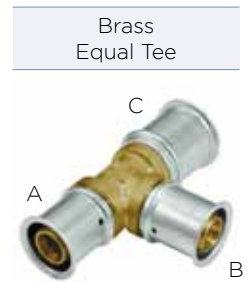
Brass
Elbow 45°



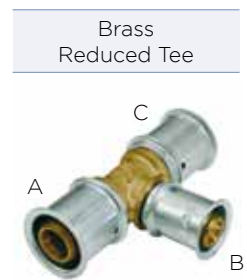
Press Fittings - Brass

Press Fittings - Tee's

Description	Type	Code	Quantity / Unit
Brass Press Tee Equal		A X B x C	
Brass Press-Tee (Equal)	16x16x16mm	BFB 25010	10
Brass Press-Tee (Equal)	20x20x20mm	BFB 25030	10
Brass Press-Tee (Equal)	25x25x25mm	BFB 25040	4
Brass Press-Tee (Equal)	32x32x32mm	BFB 25050	4
Brass Press-Tee (Equal)	40x40x40mm	BFB 25060	1
Brass Press-Tee (Equal)	50x50x50mm	BFB 25070	1
Brass Press-Tee (Equal)	63x63x63mm	BFB 25080	1
Brass Press-Tee (Equal)	75x75x75mm	BFB 25090	1



Brass Press Tee Reduced		A X B x C	
Brass Press-Tee (Reduced)	16x20x16mm	BFB 25011	10
Brass Press-Tee (Reduced)	20x16x16mm	BFB 25031	10
Brass Press-Tee (Reduced)	20x16x20mm	BFB 25032	10
Brass Press-Tee (Reduced)	20x20x16mm	BFB 25033	10
Brass Press-Tee (Reduced)	20x25x20mm	BFB 25037	4
Brass Press-Tee (Reduced)	25x16x16mm	BFB 25048	4
Brass Press-Tee (Reduced)	25x16x20mm	BFB 25047	4
Brass Press-Tee (Reduced)	25x16x25mm	BFB 25041	4
Brass Press-Tee (Reduced)	25x20x20mm	BFB 25042	4
Brass Press-Tee (Reduced)	25x20x25mm	BFB 25043	4
Brass Press-Tee (Reduced)	32x16x32mm	BFB 25054	4
Brass Press-Tee (Reduced)	32x20x32mm	BFB 25051	4
Brass Press-Tee (Reduced)	32x25x25mm	BFB 25053	4
Brass Press-Tee (Reduced)	32x25x32mm	BFB 25052	4
Brass Press-Tee (Reduced)	25x32x25mm	BFB 25057	4
Brass Press-Tee (Reduced)	32x40x32mm	BFB 25058	1
Brass Press-Tee (Reduced)	40x20x40mm	BFB 25061	1
Brass Press-Tee (Reduced)	40x25x40mm	BFB 25062	1
Brass Press-Tee (Reduced)	40x32x32mm	BFB 25063	1
Brass Press-Tee (Reduced)	40x32x40mm	BFB 25064	1
Brass Press-Tee (Reduced)	40x25x32mm	BFB 25067	1
Brass Press-Tee (Reduced)	40x50x40mm	BFB 25068	1
Brass Press-Tee (Reduced)	50x25x50mm	BFB 25072	1
Brass Press-Tee (Reduced)	50x32x50mm	BFB 25073	1
Brass Press-Tee (Reduced)	50x40x50mm	BFB 25074	1
Brass Press-Tee (Reduced)	50x25x40mm	BFB 25076	1
Brass Press-Tee (Reduced)	50x63x50mm	BFB 25078	1
Brass Press-Tee (Reduced)	63x25x63mm	BFB 25081	1
Brass Press-Tee (Reduced)	63x32x63mm	BFB 25082	1
Brass Press-Tee (Reduced)	63x40x63mm	BFB 25083	1
Brass Press-Tee (Reduced)	63x50x63mm	BFB 25084	1
Brass Press-Tee (Reduced)	63x75x63mm	BFB 25088	1
Brass Press-Tee (Reduced)	75x40x75mm	BFB 25092	1
Brass Press-Tee (Reduced)	75x50x75mm	BFB 25093	1



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Press Fittings - Brass

Press Fittings - Transition to Copper



MLC to Copper Compression

16mm to 25mm MLC press connection inc. nut and olive to 15 - 22mm copper.

MLC Compression Nut and Insert

16mm to 25mm MLC Compression fitting to 15mm - 28mm Thread

MLC Press to Copper tail

16mm to 32mm MLC press fitting to 15mm - 28mm Copper tail.

Description	Type	Code	Bag Quantity
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Brass Press MLCP to compression nut and olive

16mm - 15mm CU Inc Nut & Olive	16x2 - Cu15	BFB 20710	10
20mm - 22mm CU Inc Nut & Olive	20x2.25 - Cu22	BFB 20731	10
25mm - 22mm CU Inc Nut & Olive	25x2.5 - Cu22	BFB 20740	10

Compression Nut & Olive



Brass Press MLCP to compression nut and olive 90° Elbow

16mm - 15mm CU Inc Nut & Olive 90° Elbow	16x2 - Cu15	BFB 23715	10
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NEW

Compression Nut & Olive 90° Elbow



Brass Press MLCP compression adaptor

16 x 15mm Chrome	16x2 - Cu 15	BFB 79710	10
16 x 15mm Brass	16x2 - Cu 15	BFB 79711	10
20 x 22mm Brass	20x2.25 - Cu22	BFB 79731	10
25 x 28mm Brass	25x2.5 - Cu28	BFB 90040	10

MLCP - Compression Insert



Brass Press MLCP to Copper Tail

Press-adaptor - unplated	16x2 - Cu15	BFB 29710	10
Press-adaptor - unplated	20x2.25 - Cu22	BFB 29731	10
Press-adaptor - unplated	25x2.5 - Cu22	BFB 29740	10
Press-adaptor - unplated	25x2.5 - Cu28	BFB 29741	10
Press-adaptor - unplated	32x3 - Cu28	BFB 29750	10

NEW

MLCP - Copper Tail



IMPORTANT:

Do not hot solder on the copper-side of the fitting. Use press or compression adaptors only.



Press Fittings - Brass

Press Fittings - BSP Threaded Connections

Description	Type	Code	Quantity / Unit
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Brass Press Connection Male Thread

Press-Connection MT	16 x 3/8" MT	BFB 20012	10
Press-Connection MT	16 x 1/2" MT	BFB 20010	10
Press-Connection MT	16 x 3/4" MT	BFB 20014	10
Press-Connection MT	20 x 1/2" MT	BFB 20030	10
Press-Connection MT	20 x 3/4" MT	BFB 20031	10
Press-Connection MT	20 x 1" MT	BFB 20032	10
Press-Connection MT	25 x 3/4" MT	BFB 20040	10
Press-Connection MT	25 x 1" MT	BFB 20041	10
Press-Connection MT	32 x 1" MT	BFB 20050	10
Press-Connection MT	32 x 1 1/4" MT	BFB 20051	8
Press-Connection MT	40 x 1 1/4" MT	BFB 20060	1
Press-Connection MT	40 x 1 1/2" MT	BFB 20061	1
Press-Connection MT	50 x 1 1/2" MT	BFB 20070	1
Press-Connection MT	50 x 2" MT	BFB 20071	1
Press-Connection MT	63 x 2" MT	BFB 20080	1
Press-Connection MT	75 x 2 1/2" MT	BFB 20090	1

Male Thread Connection



Brass Press Connection Female Thread

Press-Connection FT	16 x 1/2" FT	BFB 21010	10
Press-Connection FT	20 x 1/2" FT	BFB 21030	10
Press-Connection FT	20 x 3/4" FT	BFB 21031	10
Press-Connection FT	20 x 1" FT	BFB 21032	10
Press-Connection FT	25 x 3/4" FT	BFB 21040	10
Press-Connection FT	25 x 1" FT	BFB 21041	10
Press-Connection FT	32 x 1" FT	BFB 21050	10
Press-Connection FT	32 x 1 1/4" FT	BFB 21051	10
Press-Connection FT	40 x 1 1/4" FT	BFB 21061	1
Press-Connection FT	40 x 1 1/2" FT	BFB 21062	1
Press-Connection FT	50 x 1 1/2" FT	BFB 21071	1
Press-Connection FT	63 x 2" FT	BFB 21080	1
Press-Connection FT	75 x 2 1/2" FT	BFB 21090	1

Female Thread Connection



Brass Press Connection 90° Male Thread

Press-elbow 90° MT	16 x 1/2" MT	BFB 23015	10
Press-elbow 90° MT	16 x 3/8" MT	BFB 23012	10
Press-elbow 90° MT	20 x 1/2" MT	BFB 23035	10
Press-elbow 90° MT	20 x 3/4" MT	BFB 23037	10
Press-elbow 90° MT	25 x 3/4" MT	BFB 23045	10
Press-elbow 90° MT	25 x 1" MT	BFB 23047	6
Press-elbow 90° MT	32 x 1" MT	BFB 23055	6

Male Thread 90° Connection



Brass Press Connection 90° Female Thread

Press-elbow 90° FT	16 x 1/2" FT	BFB 23016	10
Press-elbow 90° FT	20 x 1/2" FT	BFB 23036	10
Press-elbow 90° FT	20 x 3/4" FT	BFB 23038	10
Press-elbow 90° FT	25 x 3/4" FT	BFB 23046	10
Press-elbow 90° FT	25 x 1" FT	BFB 23048	6
Press-elbow 90° FT	32 x 1" FT	BFB 23056	6

Female Thread 90° Connection



Press Fittings - Brass

Press Fittings - BSP Threaded Fittings

Description	Type	Code	Bag Quantity
Brass Press Connection Female Swivel			
Press-screw FT (swivel nut)	16 x 3/8" FT	BFB 28012	10
Press-screw FT (swivel nut)	16 x 1/2" FT	BFB 28011	10
Press-screw FT (swivel nut)	16 x 3/4" FT	BFB 28010	10
Press-screw FT (swivel nut)	20 x 1/2" FT	BFB 28031	10
Press-screw FT (swivel nut)	20 x 3/4" FT	BFB 28030	10
Press-screw FT (swivel nut)	25 x 3/4" FT	BFB 28041	10
Press-screw FT (swivel nut)	25 x 1" FT	BFB 28040	10
Press-screw FT (swivel nut)	32 x 1" FT	BFB 28051	8
Press-screw FT (swivel nut)	32 x 1 1/4" FT	BFB 28050	8
Press-screw FT (swivel nut)	40 x 1 1/2" FT	BFB 28060	1
Press-screw FT (swivel nut)	40 x 1 1/4" FT	BFB 28061	1
Press-screw FT (swivel nut)	50 x 2" FT	BFB 28070	1
Press-screw FT (swivel nut)	63 x 2" FT	BFB 28080	1

NEW
NEW

Detachable fitting for the surface-mounted connection of filters and valves.

Brass Press Connection Female Swivel 90°

Press-elbow 90° FT	16 x 1/2" FT	BFB 23013	10
Press-elbow 90° FT	20 x 1/2" FT	BFB 23033	10
Press-elbow 90° FT	20 x 3/4" FT	BFB 23034	10
Press-elbow 90° FT	25 x 3/4" FT	BFB 23044	10

Detachable fitting for the surface-mounted connection of filters and valves.

Brass Press Tee Female Thread

Press-Tee FT	16 x 1/2" x 16	BFB 25015	10
Press-Tee FT	20 x 1/2" x 20	BFB 25035	10
Press-Tee FT	20 x 3/4" x 20	BFB 25038	10
Press-Tee FT	25 x 1/2" x 25	BFB 25045	4
Press-Tee FT	25 x 3/4" x 25	BFB 25046	4
Press-Tee FT	32 x 3/4" x 32	BFB 25055	4
Press-Tee FT	32 x 1/2" x 32	BFB 25056	4
Press-Tee FT	40 x 1" x 40	BFB 25066	1
Press-Tee FT	50 x 1" x 50	BFB 25075	1
Press-Tee FT	63 x 1" x 63	BFB 25085	1
Press-Tee FT	75 x 1" x 75	BFB 25095	1

Brass Press Single Wingback

Press-Wingback Single Elbow	16 x 1/2" FT	BFB 29010	10
Press-Wingback Single Elbow	20 x 1/2" FT	BFB 29030	10
Press-Wingback Single Elbow	20 x 3/4" FT	BFB 29031	10

Brass
Female Swivel



Brass
Female Swivel 90°



Tee
Female Thread



Brass



Press Fittings - Brass

Description	Type	Code	Bag Quantity
Brass Press Double Wingback			
Press-Wingback Double Elbow	16 x 1/2" FT	BFB 29010	8
Press-Wingback Double Elbow	20 x 1/2" FT	BFB 29030	6

Brass
Elbow 45°



Press Fittings - Lever Valves

Press Lever Valves

Press Lever Valve	16mm	BFB 60016	1
Press Lever Valve	20mm	BFB 60020	1
Press Lever Valve	25mm	BFB 60025	1
Press Lever Valve	32mm	BFB 60032	1
Press Lever Valve	40mm	BFB 60040	1
Press Lever Valve	50mm	BFB 60050	1
Press Lever Valve	63mm	BFB 60063	1

Press
Lever Valve



Press Fittings - Radiator Connections

Radiator Connection Elbow

Radiator Connection Elbow	16 x 330mm	BFB 23510	2
Radiator Connection Elbow	16 x 150mm	BFB 23509	2

Press
Radiator Elbow



Radiator Connection Tee

Radiator Connection Tee	16 x 330mm	BFB 25510	2
Radiator Connection Tee	20 x 330mm	BFB 25530	2

Press
Radiator Tee



Press Fittings - End Cap

Press End Caps

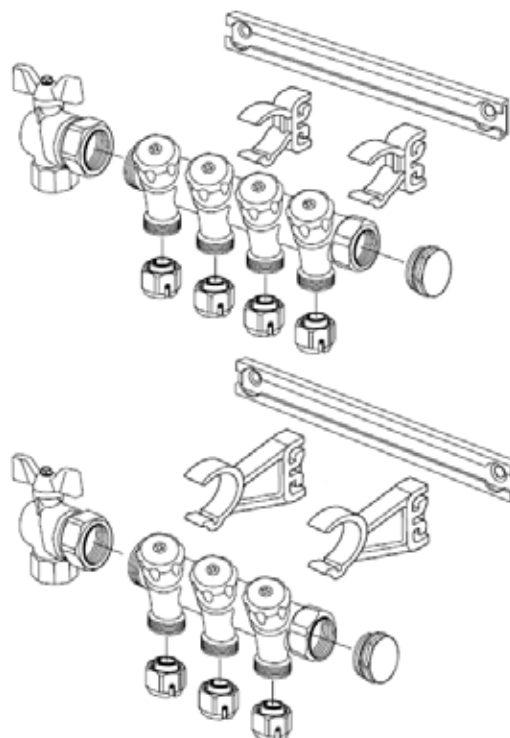
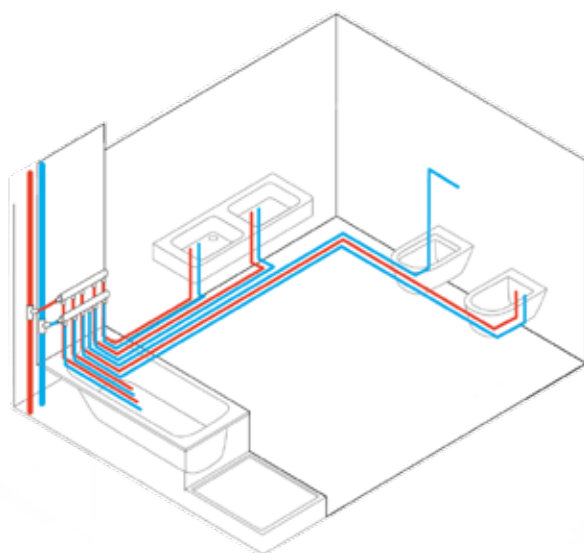
Press End Cap	16mm	BFB 29510	10
Press End Cap	20mm	BFB 29530	10
Press End Cap	25mm	BFB 29540	10
Press End Cap	32mm	BFB 29550	10

Press
End Cap



Plumbing Manifolds

WRAS Approved Plumbing Manifolds



Description	Type	Code	Bag Quantity
Manifold Components			
Manifold with Isolating Taps 2 way	2 way - 3/4"	BFB01307260	1
Manifold with Isolating Taps 3 way	3 way - 3/4"	BFB01307265	1
Manifold with Isolating Taps 4 way	4 way - 3/4"	BFB01307270	1
Manifold with Isolating Taps 2 way	2 way - 1"	BFB01307280	1
Manifold with Isolating Taps 3 way	3 way - 1"	BFB01307285	1
Manifold with Isolating Taps 4 way	4 way - 1"	BFB01307290	1
Bridging Piece for Sanitary Manifold	3/4"	BFB01307200	1
Bridging Piece for Sanitary Manifold	1"	BFB01307210	1
Blanking Plug with o-ring seal	3/4"	BFB90004820	1
Blanking Plug with o-ring seal	1"	BFB90004830	1
Plastic Brackets 3/4"	3/4"	BFB01302140	1
Plastic Brackets 1"	1"	BFB01302150	1
Aluminium Slider Rail for Bracket	200mm	BFB1306398	1
Aluminium Slider Rail for Bracket	400mm	BFB1306400	1
Isolation Valves - Straight	3/4"	BFB9723R005	1 Pair
Isolation Valves - Straight	1"	BFB6062R006	1 Pair
Isolation Valves - Angle	3/4"	BFB9745R005	1 Pair
Isolation Valves - Angle	1"	BFB6064R006	1 Pair
MLC Pipe Connector 16x2mm	24 x 19 Thread	BFB28100358	1
(Must be use with above Manifolds)			



Modular System

Modular System 25mm to 110mm

Description	Type	Code	Bag Quantity
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Modular Pipe Adaptors

Modular Adaptor - 25mm	25 x 2.5mm	BFB22025	1
Modular Adaptor - 32mm	32 x 3mm	BFB22032	1
Modular Adaptor - 40mm	40 x 4mm	BFB22040	1
Modular Adaptor - 50mm	50 x 4.5mm	BFB22050	1
Modular Adaptor - 63mm	63 x 6mm	BFB22063	1
Modular Adaptor - 75mm	75 x 7.5mm	BFB 22075	1
Modular Adaptor - 90mm	90 x 8.5mm	BFB 22090	1
Modular Adaptor - 110mm	110 x 10mm	BFB 22110	1

Modular Pipe Adaptors



Modular Pipe Fittings

Modular Elbow 90° c	Elbow 90°	BFB 23000	1
Modular Elbow 45° c	Elbow 45°	BFB 23200	1
Modular T-piece	Tee	BFB 25000	1

Modular Fittings



Base Body Male Thread Connector

Base Body MT Connector	2 1/2" MT	BFB 20212	1
Base Body MT Connector	3" MT	BFB 20300	1
Base Body MT Connector	4" MT	BFB 20400	1

Modular Male Connector



Base Body Female Thread Connector

Base Body FT Connector	3/4" FT	BFB 21034	1
Base Body FT Connector	1 1/4"	BFB21114	1
Base Body FT Connector	1 1/2"	BFB21112	1
Base Body FT Connector	2" FT	BFB 21200	1
Base Body FT Connector	2 1/2" FT	BFB 21212	1
Base Body FT Connector	3" FT	BFB 21300	1

NEW
NEW

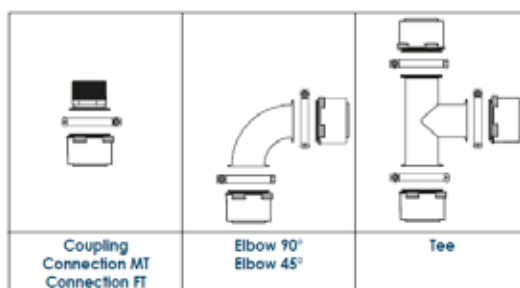
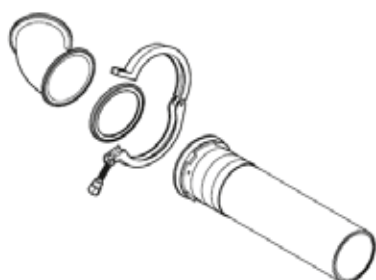
Modular Female Connector



Modular Accessories

Blanking Cap		BFB 29500	1
Gripper Clamp with Seal		BFB 28000	1
Replacement Seal		BFB 28010	1

Modular Gripper Clamp & Seal



Testing & Preparation

Description	Type	Code	Quantity / Unit
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Pressure Test Plug

Pressure Test Plug	16mm x 1/2"	BFB 30315	1
Pressure Test Plug	20mm x 1/2"	BFB 30335	1
Pressure Test Plug	25mm x 1/2"	BFB 30345	1
Pressure Test Plug	32mm x 1/2"	BFB 30355	1
Pressure Test Plug	40mm x 1/2"	BFB 30365	1

NEW
NEW
NEW

Pressure Test Plug



Reusable Pressure Test Plug

Pressure Test Plug	16mm	BFB 30310	1
Pressure Test Plug	20mm	BFB 30330	1
Pressure Test Plug	25mm	BFB 30340	1
Pressure Test Plug	32mm	BFB 30350	1

Reusable Pressure Test Plug



3 Size Bevelling Tool

3 Size Bevelling Tool	16/20/25	BFB 30281	1
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NEW

3 Size Bevelling Tool



Bevelling Tool Set in Case

Bevelling Tool Set	16/20/25/32	BFB 30040	1
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Bevelling tool set 16 / 20 / 25 / 32 with quick change mechanism includes plastic case. Can be bevelled manually using the included handle or by inserting the bevellers into a combi-drill.

Bevelling Tool set in case



Handle for Bevelling Inserts

Bevelling Handle	16/20/25/32	BFB 30050	1
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Ergonomically designed handle with quick exchange mechanism for use of bevelling inserts 16 mm to 32 mm.

Bevelling Handle



High Quality Bevelling Inserts

Insert	16mm	BFB 30110	1
Insert	20mm	BFB 30130	1
Insert	25mm	BFB 30140	1
Insert	32mm	BFB 30150	1

Single inserts for bevelling of multi-layer pipes in combination with the handle or for faster operation use with a combi-drill.

Bevelling Insert



* Firmopress Tools are non-discountable

Tools

Tools

Description	Type	Code	Quantity / Unit
-------------	------	------	-----------------

Large Diameter Beveling Tool

Beveling Tool	40mm	BFB 30160	1
Beveling Tool	50mm	BFB 30170	1
Beveling Tool	63mm	BFB 30180	1
Beveling Tool	75mm	BFB 30190	1

Large Beveling Tool



Compact 3 Size Beveling Tool

Compact 3 Size Beveling Tool	16/20/25	BFB 30280	1
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NEW

Compact 3 Size Beveling Tool



For cutting MLC Pipes up to 20mm

Pipe cutter	Upto 20mm	BFB 30020	1
Replacement Blade		BFB 30025	1

Pipe Cutter up to 20mm



For cutting MLC Pipes up to 32mm (RATCHET)

Pipe cutter	Upto 32mm	BFB 30022	1
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Pipe Cutter up to 32mm



For cutting MLC Pipes up to 110mm

Pipe cutter	20 - 63mm	BFB 30030	1
Pipe cutter	50 - 110mm	BFB 30031	1
Replacement Cutting Disc	20 - 63mm	BFB 30035	1
Replacement Cutting Disc	50 - 110mm	BFB 30036	1

Pipe Cutter up to 110mm



* Tools are non-discountable



Bending and Pressing

Description	Type	Code	Quantity / Unit
-------------	------	------	-----------------

Internal Bending Spring

Internal Bending Spring	16mm	BFB 32010	1
Internal Bending Spring	20mm	BFB 32030	1
Internal Bending Spring	25mm	BFB 32040	1

Internal Bending Spring



External Bending Spring

External Bending Spring	16mm	BFB 32110	1
External Bending Spring	20mm	BFB 32130	1
External Bending Spring	25mm	BFB 32140	1

External Bending Spring



Manual Pressing Tool

Manual Pressing Tool	16 - 32mm	BFB 30501	1
Insert For Manual Pressing Tool	16mm	BFB 30510	1
Insert For Manual Pressing Tool	20mm	BFB 30530	1

NEW
NEW
NEW

Manual Pressing Tool



Pipe Straightener

Pipe Straightener	16 - 25mm	BFB 33020	1
Adaptor for BFB33020 - to fit onto decoilers		BFB 33030	1

NEW
NEW

Pipe Straightener



* Tools are non-discountable

Large Press Gun - 16mm 110mm

Description	Type	Code	Bag Quantity
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Large Battery Pressing Tool

Large Press Tool	16mm - 110mm	BFB 30005	1
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Supplied in carrying case, including battery and charger unit. For dimensions 16 - 75mm, with a rotating pressing jaw. Weight of the machine approx. 4.5 kg.

Large Pressing Jaws

Large Press Jaw - U Profile	16mm	BFB 31010	1
Large Press Jaw - U Profile	20mm	BFB 31030	1
Large Press Jaw - U Profile	25mm	BFB 31040	1
Large Press Jaw - U Profile	32mm	BFB 31050	1
Large Press Jaw - U Profile	40mm	BFB 31060	1
Large Press Jaw - U Profile	50mm	BFB 31070	1
Large Press Jaw - U Profile	63mm	BFB 31080	1
Large Press Jaw - U Profile	75mm	BFB 31090	1

Press Jaw Adaptor

Jaw Adaptor for 75 - 110mm Jaws		BFB 30040	1
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Large Diameter Press Chains

Large Press Jaw Chain - U Profile	75mm	BFB 31175	1
Large Press Jaw Chain - U Profile	90mm	BFB 31190	1
Large Press Jaw Chain - U Profile	110mm	BFB 31110	1

Replacement Charger & Battery

Replacement Charger	230v	BFB 30007GB	1
Replacement Battery - Large Tool	Battery	BFB 30008	1
Replacement Battery - Mini Tool	Battery	BFB 30009	1

Large Pressing Tool
(16mm - 110mm)



Large Press
Jaws



Press Jaw
Adaptor



Large Press
Chains



Replacement
Battery



* Tools are non-discountable

Mini Press Gun 16mm - 32mm

Description	Type	Code	Bag Quantity
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Mini Battery Pressing Tool

Mini Press Tool	16mm - 32mm	BFB 30006	1
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Supplied in carrying case, including battery and charger unit. For dimensions 16 - 32mm, with a rotating pressing jaw. Weight of the machine approx. 2.5 kg.

Mini Press Gun Tool Deals

Mini Pressing Tool Deal

Mini Press Tool Deal - 2		TD002	1
Mini Press Gun Inc Case, battery & charger			1
Mini Press Jaw - U Profile	16mm		1
Mini Press Jaw - U Profile	20mm		1
Mini Press Jaw - U Profile	25mm		1
Mini Press Jaw - U Profile	32mm		1

Mini Pressing Tool Deal

Mini Press Tool Deal - 3		TD003	1
Mini Press Gun Inc Case, battery & charger			1
Mini Press Jaw - U Profile	16mm		1
Mini Press Jaw - U Profile	20mm		1
Mini Press Jaw - U Profile	25mm		1
Mini Press Jaw - U Profile	32mm		1
Second Battery		See Page 21	1

Mini Pressing Tool Deal

Mini Press Tool Deal - 4		TD004	1
Mini Press Gun Inc Case, battery & charger			1
Mini Press Jaw - U Profile	16mm		1
Mini Press Jaw - U Profile	20mm		1
Mini Press Jaw - U Profile	25mm		1
Mini Press Jaw - U Profile	32mm		1
Bevelling Tool Set	16/20/25/32	See Page 18	1

Mini Pressing Jaws

Mini Press Jaw - U Profile	16mm	BFB 31310	1
Mini Press Jaw - U Profile	20mm	BFB 31330	1
Mini Press Jaw - U Profile	25mm	BFB 31340	1
Mini Press Jaw - U Profile	32mm	BFB 31350	1

Mini Pressing Tool (16mm - 32mm)



Mini Press Tool Deal 2



Mini Press Tool Deal 3



Mini Press Tool Deal 4



Mini Press Jaws



* Tools are non-discountable

Microflex

Microflex manufactures products that contribute to a sustainable future. The products help keep energy consumption and CO2 emissions to a minimum.

Microflex pipes are durable, contain no pollutants and are non-toxic. All materials used are produced without CFCs (chlorofluorocarbons) that can deplete the ozone layer. During the production process we are highly conscious of energy consumption and there is no pollution of air, water or soil.

Microflex is ideal for renewable energy applications.



The Water Supply (Water Fittings) Regulations and Water Supply (Water Fittings) (Scotland) Bye-laws, play an important role in protecting public health, safeguarding water supplies and promoting the efficient use of water within customers' premises across the UK.

They set legal requirements for the design, installation, operation and maintenance of plumbing systems, water fittings and water-using appliances. They have a specific purpose to prevent misuse, waste, undue consumption or erroneous measurement of water and, most importantly, to prevent contamination of drinking water.



Ground Work



The Microflex pipes are laid in trenches in the ground.

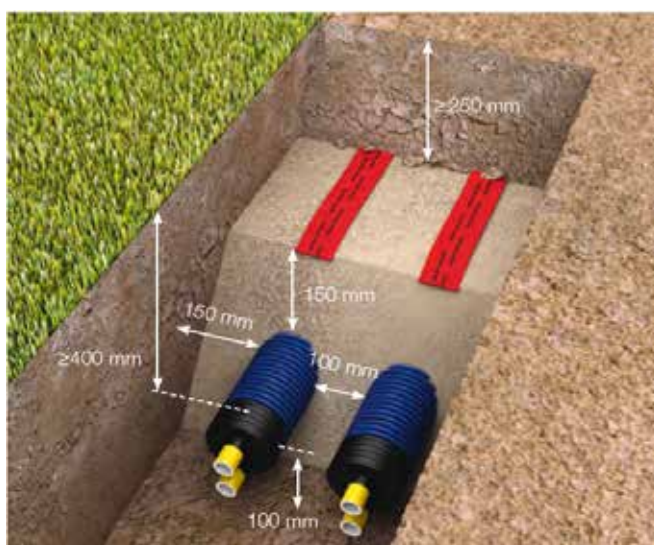
It is most practical to lay the excavated ground alongside the trench.

The following steps can be performed from the other side:

- Position the roll alongside the trench
- Remove the packaging foil
- Place the end of the pipe in position
- Cut the outermost straps
- Roll the pipe alongside or straight into the trench
- Cut the middle straps
- Roll out further
- Cut the innermost straps
- Roll out completely
- Apply the dust caps or shrink caps
- Connect the couplings on the pipes
- Conduct the pressure test – fill in the report
- Partially fill the trench with a first layer
- Apply the warning tape
- Fill up the trench completely

The following guidelines should be followed during pipe installation:

- Lay the pipes in a bed of sand
- Avoid damaging the casing, remove sharp objects from the ground
- Always grasp the transport pipe and not the outer tube
- Keep to the stated bending radius
- Lay the pipe in a serpentine course
- The code of good craftsmanship for installing underground pipes must be observed. Read our installation instructions
- Sketch how and where the pipe network runs on a plan (including branches and connections)





A Microflex pipe buried at a depth of no less than 50 cm and no more than 6 metres can bear a load of up to 60 tonnes.


Easy 1, 2, 3.

Stage 1

Pick your pipe and specify length

	Code	Description
	PIPE OD X OUTER CASING OD	
	M7525C	25/2.3mm x 75mm
	M9032C	32/2.9mm x 90mm
	M16040C	40/3.7mm x 160mm
	M16050C	50/4.6mm x 160mm
	M16063C	63/5.8mm x 160mm
	M20075C	75/6.8mm x 200mm
	M20090C	90/8.2mm x 200mm
	M200110C	110/10.0mm x 200mm
	M200125C	125/11.4mm x 200mm

	MD16025C	2 x 25/2.3mm x 160mm
	MD16032C	2 x 32/2.9mm x 160mm
	MD16040C	2 x 40/3.7mm x 160mm
	MD20050C	2 x 50/4.6mm x 200mm
	MD20063C	2 x 63/5.8mm x 200mm


	M7525S	25/3.5mm x 75mm
	M9032S	32/4.4mm x 90mm
	M12540S	40/5.5mm x 125mm
	M12550S	50/6.9mm x 125mm
	M12563S	63/8.7mm x 125mm


	MD16025S	2 x 25/3.5mm x 160mm
	MD1603225S	1 x 32/4.4mm, 1 x 25/3.5mm x 160mm
	MD1604025S	1 x 40/5.5mm, 1 x 25/3.5mm x 160mm
	MD1605025S	1 x 50/6.9mm, 1 x 25/3.5mm x 160mm
	MD1605032S	1 x 50/6.9mm, 1 x 32/4.4mm x 160mm
	MD1605040S	1 x 50/6.9mm, 1 x 40/5.5mm x 160mm


	MQ16025C2520S	2 x 25/2.3mm, 1 x 25/3.5mm, 1 x 20/2.8mm x 160mm
	MQ16032C2520S	2 x 32/2.9mm, 1 x 25/3.5mm, 1 x 20/2.8mm x 160mm
	MQ16032C3225S	2 x 32/2.9mm, 1 x 32/4.4mm, 1 x 25/3.5mm x 160mm

Stage 2

Pick your end cap (one for each end)

	Code	Description
	MG751832	Uno 75/18-25-28-32
	MG901840	Uno 90/18-25-32-40
	MG1603250	Uno 160/32-40-50
	MG1603250	Uno 160/32-40-50
	MG1606390	Uno 160/63-75-90
	MG20075125	Uno 200/75-90-110-125
	MG20075125	Uno 200/75-90-110-125
	MG20075125	Uno 200/75-90-110-125
	MG20075125	Uno 200/75-90-110-125

	MGD1602550	Duo 160/25-32-40-50
	MGD1602550	Duo 160/25-32-40-50
	MGD1602550	Duo 160/25-32-40-50
	MGD2004063	Duo 200/40-50-63
	MGD2004063	Duo 200/40-50-63

	MG751832	Uno 75/18-25-28-32
	MG901840	Uno 90/18-25-32-40
	MG1254063	Uno 125/40-50-63
	MG1254063	Uno 125/40-50-63
	MG1254063	Uno 125/40-50-63


	MGD1602550	Duo 160/25-32-40-50
	MGD1602550	Duo 160/25-32-40-50
	MGD1602550	Duo 160/25-32-40-50
	MGD1602550	Duo 160/25-32-40-50
	MGD1602550	Duo 160/25-32-40-50
	MGD1602550	Duo 160/25-32-40-50


	MGQ1602532	Quadro 160/20-25-32
	MGQ1602532	Quadro 160/20-25-32
	MGQ1602532	Quadro 160/20-25-32

Stage 3

Pick your coupler

	Code	Description
	MJ3413425/23	25mm x 3/4" BSP M
	J3414432/29	32mm x 1" BSP M
	MJ3415440/37	40mm x 1.25" BSP M
	MJ3416450/46	50mm x 1.5" BSP M
	MJ341263/58	63mm x 2" BSP M
	MJ34121275/68	75mm x 2-1/2" BSP
	MJ341390/82	90mm x 3" BSP M
	MJ3414110/10	110mm x 4" BSP M
	MJ3414125/114	125mm x 4" BSP M

	MJ3413425/23	25mm x 3/4" BSP M
	MJ3414432/29	32mm x 1" BSP M
	MJ3415440/37	40mm x 1.25" BSP M
	MJ3416450/46	50mm x 1.5" BSP M
	MJ341263/58	63mm x 2" BSP M

	MJ3413425/35	25mm x 3/4" BSP M 10 Bar (S)
	MJ3414432/44	32mm x 1" BSP M (10 Bars)
	MJ3415440/55	40mm x 1.25" BSP M 10 Bars (S)
	MJ3416450/69	50mm x 1.50" BSP M 10 Bars (S)
	MJ341263/87	63mm x 2" BSP M (10 Bar)

	MJ3413425/35	25mm x 3/4" BSP M 10 Bar (S)
	MJ3414432/44	32mm x 1" BSP M (10 Bars)
	MJ3413425/35	25mm x 3/4" BSP M 10 Bar (S)
	MJ3415440/55	40mm x 1.25" BSP M 10 Bars (S)
	MJ3413425/35	25mm x 3/4" BSP M 10 Bar (S)
	MJ3416450/69	50mm x 1.50" BSP M 10 Bars (S)
	MJ3413425/35	25mm x 3/4" BSP M 10 Bar (S)
	MJ3416450/69	50mm x 1.50" BSP M 10 Bars (S)
	MJ3414432/44	32mm x 1" BSP M (10 Bars)
	MJ3416450/69	50mm x 1.50" BSP M 10 Bars (S)
	MJ3415440/55	40mm x 1.25" BSP M 10 Bars (S)

	MJ3413425/23	25mm x 3/4" BSP M
	MJ3413425/35	25mm x 3/4" BSP M 10 Bar (S)
	MJ3413420/28	20mm x 3/4" BSP M 10 Bar (S)
	MJ3414432/29	32mm x 1" BSP M
	MJ3413425/35	25mm x 3/4" BSP M 10 Bar (S)
	MJ3413420/28	20mm x 3/4" BSP M 10 Bar (S)
	MJ3414432/29	32mm x 1" BSP M
	MJ3414432/44	32mm x 1" BSP M (10 Bars)
	MJ3413425/35	25mm x 3/4" BSP M 10 Bar (S)



Pre-insulated Pipe

Pex PN6 Heating Pipe

Description	Type	Code	Lgth
Uno Pipe PN6 Heating			
Pex Uno Pipe - 25mm / 75mm	25 x 2.3mm	M7525C	1
Pex Uno Pipe - 32mm / 90mm	32 x 2.9mm	M9032C	1
Pex Uno Pipe - 40mm / 160mm	40 x 4.6mm	M16040C	1
Pex Uno Pipe - 50mm / 160mm	50 x 4.6mm	M16050C	1
Pex Uno Pipe - 63mm / 160mm	63 x 5.8mm	M16063C	1
Pex Uno Pipe - 75mm / 200mm	75 x 6.8mm	M20075C	1
Pex Uno Pipe - 90mm / 200mm	90 x 8.2mm	M20090C	1
Pex Uno Pipe - 110mm / 200mm	110 x 10mm	M200110C	1
Pex Uno Pipe - 125mm / 200mm	125 x 11.4mm	M200125C	1



Duo Pipe PN6 Heating			
Pex Uno Pipe - 2 x 25mm / 75mm	25 x 2.5mm	MD16025C	1
Pex Uno Pipe - 2 x 32mm / 90mm	32 x 3mm	MD16032C	1
Pex Uno Pipe - 2 x 40mm / 160mm	40 x 4mm	MD16040C	1
Pex Uno Pipe - 2 x 50mm / 160mm	50 x 4.5mm	MD20050C	1
Pex Uno Pipe - 2 x 50mm / 160mm	63 x 5.8mm	MD20063C	1



Pex PN10 Sanitary Pipe

Description	Type	Code	Lgth
Uno Pipe PN10 Sanitary			
Pex Uno Pipe - 25mm / 75mm	25 x 2.3mm	M7525S	1
Pex Uno Pipe - 32mm / 90mm	32 x 2.9mm	M9032S	1
Pex Uno Pipe - 40mm / 160mm	40 x 4.6mm	M12540S	1
Pex Uno Pipe - 50mm / 160mm	50 x 4.6mm	M12550S	1
Pex Uno Pipe - 63mm / 160mm	63 x 5.8mm	M12563S	1



Duo Pipe PN10 Sanitary			
Pex Uno Pipe - 25mm x 25mm / 160mm	25 x 2.5mm	MD16025S	1
Pex Uno Pipe - 32mm x 25mm / 160mm	32 x 3mm	MD1603225S	1
Pex Uno Pipe - 40mm x 25mm / 160mm	40 x 4mm	MD1604025S	1
Pex Uno Pipe - 50mm x 25mm / 160mm	50 x 4.5mm	MD1605025S	1
Pex Uno Pipe - 50mm x 32mm / 160mm	50 x 4.5mm	MD1605032S	1
Pex Uno Pipe - 50mm x 40mm / 160mm	50 x 4.5mm	MD1605040S	1



Pex QUADRO Pipe

Description	Code	Lgth
QUADRO Pipe - 2 x PN6 Heating & 2x PN10 Sanitary		
Pex QUADRO Pipe - PN6(H) 2 x 25mm / PN10(S) 25 & 20mm	MQ16025C2520S	1
Pex QUADRO Pipe - PN6(H) 2 x 32mm / PN10(S) 25 & 20mm	MQ16032C2520S	1
Pex QUADRO Pipe - PN6(H) 2 x 32mm / PN10(S) 32 & 25mm	MQ16032C3225S	1



Packs

Packs - 10m to 25m

Packs
10m to 25m / 25mm & 32mm



25mm & 32mm Pipe Sizes 10m, 15m, 20m & 25m Lengths

Standard Microflex pipe pack containing essential pipe and accessories in one package

Includes various lengths of PN6 Duo Microflex Pre-insulated Pipe

4 x Microflex PE-X Couplings
2 x Dust caps for pipes
4 x Fix points for pipes
1 x Microflex Installation Manual

Packs are placed on pallets and sealed using shrink wrap and heat sealing

Description	Type	Code	Qty
Packs - 10 to 25m Inc. Pipe, Fittings & Caps			
10m Pack - 2 x 25mm Heating	10m x 25mm	MD12525CPACK10	1
15m Pack - 2 x 25mm Heating	15m x 25mm	MD12525CPACK15	1
20m Pack - 2 x 25mm Heating	20m x 25mm	MD12525CPACK20	1
25m Pack - 2 x 25mm Heating	25m x 25mm	MD12525CPACK25	1
10m Pack - 2 x 32mm Heating	10m x 32mm	MD12532CPACK10	1
15m Pack - 2 x 32mm Heating	15m x 32mm	MD12532CPACK15	1
20m Pack - 2 x 32mm Heating	20m x 32mm	MD12532CPACK20	1
25m Pack - 2 x 32mm Heating	25m x 32mm	MD12532CPACK25	1



Fittings - Brass

Straight Terminal Connections - Male

Description	Type	Code	Qty
PN6 Heating - Straight Male			
25mm x ¾" BSP Male (6 Bar)	25mm - PN6	MJ3413425/23	1
32mm x 1" BSP Male (6 Bar)	32mm - PN6	MJ3414432/29	1
40mm x 1 ¼" BSP Male (6 Bar)	40mm - PN6	MJ3415440/37	1
50mm x 1 ½" BSP Male (6 Bar)	50mm - PN6	MJ3416450/46	1
63mm x 2" BSP Male (6 Bar)	63mm - PN6	MJ341263/58	1
75mm x 2 ½" BSP Male (6 Bar)	75mm - PN6	MJ34121275/68	1
90mm x 3" BSP Male (6 Bar)	90mm - PN6	MJ341390/82	1
110mm x 4" BSP Male (6 Bar)	110mm - PN6	MJ3414110/10	1
125mm x 4" BSP Male (6 Bar)	125mm - PN6	MJ3414125/114	1

Straight Male
(Heating)



PN10 Sanitary - Straight Male			
20mm x ¾" BSP Male (10 Bar)	20mm - PN10	MJ3413420/28	1
25mm x ¾" BSP Male (10 Bar)	25mm - PN10	MJ3413425/23	1
32mm x 1" BSP Male (10 Bar)	32mm - PN10	MJ3414432/29	1
40mm x 1 ¼" BSP Male (10 Bar)	40mm - PN10	MJ3415440/37	1
50mm x 1 ½" BSP Male (10 Bar)	50mm - PN10	MJ3416450/46	1
63mm x 2" BSP Male (10 Bar)	63mm - PN10	MJ341263/58	1

Straight Male
(Sanitary)



Elbow Connections

Description	Type	Code	Qty
PN6 Heating - Elbow			
Heating Elbow 25mm x 25mm (6 Bar)	25mm	MJ9025/23	1
Heating Elbow 32mm x 32mm (6 Bar)	32mm	MJ9032/29	1
Heating Elbow 40mm x 40mm (6 Bar)	40mm	MJ9040/37	1
Heating Elbow 50mm x 50mm (6 Bar)	50mm	MJ9050/46	1
Heating Elbow 63mm x 63mm (6 Bar)	63mm	MJ9063/58	1
Heating Elbow 75mm x 75mm (6 Bar)	75mm	MJ9075/68	1
Heating Elbow 90mm x 90mm (6 Bar)	90mm	MJ9090/82	1
Heating Elbow 110mm x 110mm (6 Bar)	110mm	MJ90110/10	1
Heating Elbow 125mm x 125mm (6 Bar)	125mm	MJ90125/114	1

Elbow
(Heating)



PN10 Sanitary - Elbow			
Sanitary Elbow 25mm x 25mm (10 Bar)	25mm	MJ9025/35	1
Sanitary Elbow 32mm x 32mm (10 Bar)	32mm	MJ9032/44	1
Sanitary Elbow 40mm x 40mm (10 Bar)	40mm	MJ9040/55	1
Sanitary Elbow 50mm x 50mm (10 Bar)	50mm	MJ9050/69	1
Sanitary Elbow 63mm x 63mm (10 Bar)	63mm	MJ9063/87	1

Elbow
(Sanitary)



Fittings - Brass

Straight Coupling

Description	Type	Code	Qty
PN6 Heating - Coupling			
Heating Coupling 25mm x 25mm (6 Bar)	25mm	MJ27025/23	1
Heating Coupling 32mm x 32mm (6 Bar)	32mm	MJ27032/29	1
Heating Coupling 40mm x 40mm (6 Bar)	40mm	MJ27040/37	1
Heating Coupling 50mm x 50mm (6 Bar)	50mm	MJ27050/46	1
Heating Coupling 63mm x 63mm (6 Bar)	63mm	MJ27063/58	1
Heating Coupling 75mm x 75mm (6 Bar)	75mm	MJ27075/68	1
Heating Coupling 90mm x 90mm (6 Bar)	90mm	MJ27090/82	1
Heating Coupling 110mm x 110mm (6 Bar)	110mm	MJ270110/10	1
Heating Coupling 125mm x 125mm (6 Bar)	125mm	MJ270125/114	1

Coupling
(Heating)



PN10 Sanitary - Coupling			
Sanitary Coupling 25mm x 25mm (10 Bar)	25mm	MJ27025/35	1
Sanitary Coupling 32mm x 32mm (10 Bar)	32mm	MJ27032/44	1
Sanitary Coupling 40mm x 40mm (10 Bar)	40mm	MJ27040/55	1
Sanitary Coupling 50mm x 50mm (10 Bar)	50mm	MJ27050/69	1
Sanitary Coupling 63mm x 63mm (10 Bar)	63mm	MJ27063/87	1

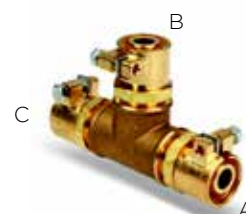
Coupling
(Sanitary)



Tee Connections

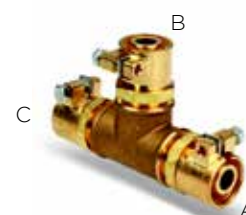
Description	Type - (AxBxC)	Code	Qty
PN6 Heating - Tee			
Heating Equal Tee 25mm (6 Bar)	25x25x25mm	MJ13025/23	1
Heating Equal Tee 32mm (6 Bar)	32x32x32mm	MJ13032/29	1
Heating Reduced Tee 40mm (6 Bar)	40x32x40mm	MJ1304032/37	1
Heating Equal Tee 40mm (6 Bar)	40x40x40mm	MJ13040/37	1
Heating Reduced Tee 50mm (6 Bar)	50x40x50mm	MJ1305040/46	1
Heating Equal Tee 75mm (6 Bar)	50x50x50mm	MJ13050/46	1
Heating Reduced Tee 63mm (6 Bar)	63x50x63mm	MJ1306350/57	1
Heating Reduced Tee 63mm (6 Bar)	63x50x63mm	MJ1306350/58	1
Heating Equal Tee 63mm (6 Bar)	63x63x63mm	MJ13063/58	1
Heating Equal Tee 75mm (6 Bar)	75x75x75mm	MJ13075/68	1
Heating Equal Tee 110mm (6 Bar)	90x90x90mm	MJ13090/82	1
Heating Equal Tee 90mm (6 Bar)	110x110x110mm	MJ130110/10	1
Heating Equal Tee 110mm (6 Bar)	125x125x125mm	MJ130125/114	1

Tee
(Heating)



PN10 Sanitary - Tee			
Sanitary Equal Tee 25mm (10 Bar)	25x25x25mm	MJ13025/35	1
Sanitary Equal Tee 32mm (10 Bar)	32x32x32mm	MJ13032/44	1
Sanitary Reduced Tee 40mm (10 Bar)	40x32x40mm	MJ1304032/55	1
Sanitary Equal Tee 40mm (10 Bar)	40x40x40mm	MJ13040/55	1
Sanitary Reduced Tee 50mm (10 Bar)	50x40x50mm	MJ1305040/69	1
Sanitary Equal Tee 50mm (10 Bar)	50x50x50mm	MJ13050/69	1
Sanitary Reduced Tee 63mm (10 Bar)	63x50x63mm	MJ1306350/87	1
Sanitary Equal Tee 63mm (10 Bar)	63x63x63mm	MJ13063/87	1

Tee
(Sanitary)



Underground Insulation Kits

Underground Insulated Casings

Description	Type	Code	Qty
PN6 Heating - Coupling			
Insulated Double T-Piece	200/160/125mm	MDT201612	1
Insulated T-Piece Kit	125/90/75mm	MT129075	1
Insulated T-Piece Kit	200/160/125mm	MT201612	1
Insulated I-Piece Kit	125/90/75mm	MM129075	1
Insulated Straight Extension	200/160/125mm	MM201612	1
Insulated Y Connection Kit	200/160/125mm	MBR201612	1
Insulated 90° Elbow	200/160/125mm	MH201612	1
Inspection Chamber	200/160/125mm	MISv	1

Inspection Chamber



Insulated T-Piece Kit



Insulated I-Piece Kit



Insulated Y Connection



Insulated 90° Elbow



Insulated Double T-Piece



Rubber End Caps (EDPM)

Description	Type	Code	Qty
Rubber End Caps			
End Cap Uno 75	18-25-28-32	MG751832	1
End Cap Uno 90	18-25-32-40	MG901840	1
End Cap Uno 125	25-28-32	MG1252532	1
End Cap Uno 125	40-50-63	MG1254063	1
End Cap Uno 160/32-40-50	32-40-50	MG1603250	1
End Cap Uno 160	63-75-90	MG1606390	1
End Cap Uno 200	75-90-110-125	MG20075125	1
End Cap Duo 125	18-20-25-28-32	MGD1251832	1
End Cap Duo 160	18-28-32-40	MGD1601840	1
End Cap Duo 160	25-32-40-50	MGD1602550	1
End Cap Duo 200	40-50-63	MGD2004063	1
End Cap Quadro	20-25-32	MGQ1602532	1

EDPM Rubber End Cap

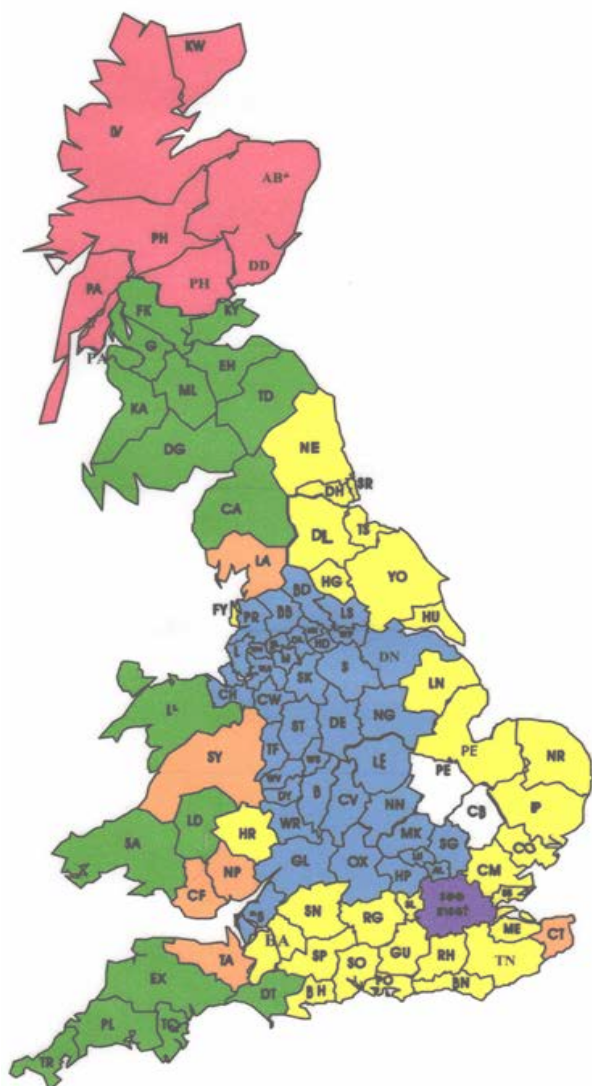


Terms

Delivery Charges
Certificates
Warranty Information
Terms & Conditions



Delivery Charges



Microflex Delivery Charges

THE BELOW IS FOR A SINGLE PALLET SPACE

Depending on the length of pipework the actual shipping cost maybe 1,2 or 3 pallet spaces.

Please call us for an accurate shipping quote.

Zone	Per Pallet Space
Local	Call for Price
Zone 1	Call for Price
Zone 2	Call for Price
Zone 3	Call for Price
Zone 4	Call for Price
Zone 5	Call for Price
Zone 6	Call for Price



London E1,W1,W2, SW1, WC,
EC, SE1 & SE11:£5.00 surcharge
per pallet



Free Standard* Delivery on Firmopress plumbing subject to minimum order value:

Fittings & Pipe Coils - £500 +vat

Fittings & 3m Straight Lengths - £1000 + Vat

Fittings & 5m Straight Lengths - £3000 + Vat

Free Standard* Delivery on underfloor heating orders over £250 + vat

Small Parcels

£15 Next working day**

£20 Before Noon**

£25 Next working day before 10:30am**

**if ordered before 1pm (conditions apply)

* Standard Service - 2-3 days

Declaration of Conformity



DICHIARAZIONE DI CONFORMITÀ DECLARATION OF CONFORMITY

N°000058 rev.04

Watts Industries Italia s.r.l. con sede legale in Frazione Gardolo, Via Vienna 3 – 38121 Trento - Italia
Watts Industries Italia s.r.l. frazione Gardolo, Via Vienna, 3 – 38121 Trento - Italy

DICHIARA CHE IL PRODOTTO/DECLARES THAT THE PRODUCT:

Tubo flessibile pre-isolato serie MICROFLEX *Pre-insulated flexible pipe series MICROFLEX*

Prodotto da Watts Industries Italia s.r.l. nello stabilimento di Via Brenno 21 – 20853 Biassono – IT è progettato e fabbricato secondo una corretta prassi costruttiva che ne assicura la sicurezza di utilizzazione

Produced by Watts Industries Italia s.r.l. in the plant of Via Brenno 21 – 20853 Biassono – IT is designed and manufactured in accordance with the sound engineering practice in order to ensure safe use.

Il Sistema di tubo flessibile preisolato completo MICROFLEX è certificato secondo
The complete pre-insulated flexible piping system MICROFLEX is certified according to

- CSTB (125-2250)

Il tubo PE-Xa inserito nel sistema risponde alle seguenti normative e certificazioni:
PE-Xa pipe inserted in the system are in accordance to the following norms and certification

- EN –ISO 15875
- DIN 16892
- CSTBat (17-2194)
- DVGW (DW-8302C00292 is covering pipes group 1, dia. 10-63 mm
DW-8302C00293 is covering pipes group 2, dia. 75-150 mm)
- WRAS (1305519)
- EN-ISO 2896
- DIN 893

Documentazione tecnica conservata da Responsabile Ricerca e Sviluppo Ing. Roberto Allavena
Technical documentation kept by R&D Manager Ing. Roberto Allavena

Legale rappresentante: Ing. Fabrizio Fedrizzi
Responsible person: Ing. Fabrizio Fedrizzi

E-mail: infowattsitalia@wattswater.com - Sito: www.wattsindustries.it
E-mail address: infowattsitalia@wattswater.com - Website: www.wattsindustries.it

Biassono, il 20/03/2017

Firma Legale Rappresentante
Responsible person signature

DOC RIF: O-24.1 - DOC REG. DSQ - DAT: Aprile'09 - FOGLIO 1/1 - COD DOC: 4.1 DICO - Rev. 0



giuliani anello MICROFLEX



WRAS Certificate



This certifies that

FIRMOPRESS LTD.

has had the undermentioned product(s) examined, tested and certified as being of an appropriate quality and standard as required in the Water Supply (Water Fittings) Regulations and Scottish Water Byelaws, subject to scheme requirements being met when installed.

Model Numbers

**FIRMOPRESS RANGE OF BRASS PRESS CONNECTION FITTINGS FOR USE WITH
FIRMOPRESS MULTILAYER PIPE (PE-RT/AL/PE-RT): 16-75MM
(FOR MODELS AND SIZES COVERED BY THE SCOPE OF THE APPROVAL PLEASE
CONSULT THE ONLINE WRAS DIRECTORY AND/OR ACCOMPANYING WRAS APPROVAL
LETTER)**

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

The product so mentioned will be valid until the end of:

June 2024

Certificate No.

1906141

A handwritten signature in blue ink, appearing to read 'Ian Hughes', with a stylized flourish at the end.

Ian Hughes,
WRAS Approvals Manager

Terms & Conditions

LUXUSHEAT LTD TERMS AND CONDITIONS FOR THE SALE OF GOODS

Definitions

Buyer the person who buys or agrees to buy the goods from the Seller.

Conditions the terms and conditions of sale as set out in this document and any special terms and conditions agreed in writing by the Seller.

Goods & Services the articles which the Buyer agrees to buy from the Seller.

Price the price for the Goods, excluding VAT and any carriage, packaging and insurance costs.

Seller Luxusheat Ltd , 20 William Street , Leicester , LE1 1RW

2. Conditions

2.1 These Conditions shall form the basis of the contract between the Seller and the Buyer in relation to the sale of Goods, to the exclusion of all other terms and conditions including the Buyer's standard conditions of purchase or any other conditions which the Buyer may purport to apply under any purchase order or confirmation of order or any other document.

2.2 All orders for Goods shall be deemed to be an offer by the Buyer to purchase Goods from the Seller pursuant to these Conditions.

2.3 Acceptance of delivery of the Goods shall be deemed to be conclusive evidence of the Buyer's acceptance of these Conditions.

2.4 These Conditions may not be varied except by the written agreement of [a director of] the Seller.

2.5 These Conditions represent the whole of the agreement between the Seller and the Buyer. They supersede any other conditions previously issued.

3. Price

3.1 The Price shall be the price quoted on the Seller's order confirmation. The Price is exclusive of VAT which shall be due at the rate in force on the date of the Seller's invoice.

3.2 Any Typo, clerical or other error in any sales literature, quote, price list, invoice or any other document or information used by the company shall be subject to correction with liability on the part of the company

3.3 The company is entitled to make delivery by instalments against any order it accepts from the buyer these terms and conditions shall apply to each instalment delivery and any claim by the buyer in respect of any one or more of the instalments shall not entitle the buyer to treat the contract as a whole as repudiated

4. Payment and Interest

4.1 Payment of the Price and VAT shall be due within 30 days of the date of the Seller's invoice.

4.2 The Buyer shall pay all accounts in full and not exercise any rights of set-off or counter-claim against invoices submitted by the Seller.

4.3 If the buyer fails to make payment by the due date the company may suspend any further deliveries to the buyer and at the company's discretion interest will be charged at 4% over the base rate of NatWest bank from the date payment was due until including the date the payment was made

4.4 If the buyer does not meet the conditions of payment, or in case of reasonable doubts about the buyers credit worthiness or the buyer makes any voluntary arrangements with its creditors, becomes bankrupt, becomes subject of an administration order or goes into liquidation the company may cancel any outstanding contract with the buyer and all outstanding invoices of the buyers account will become due

5. Goods & Services

5.1 The quantity and description of the Goods shall be as set out in the Seller's confirmation of order.

5.2 The company may make any changes in the specification of the goods and or services which are required to conform to any applicable statutory or EC requirement or which do not materially affect their quality or performance

5.3 All drawings, designs, specifications, quotes and other information provided by the company are confidential and all rights of copyright shall remain the property of the company and shall not pass to the buyer

5.4 All specifications, drawing and descriptions and particulars of layouts and dimensions submitted by the company are deemed approximate only and descriptions and illustrations in the company's price list and other advertising matter shall not form any part of a contract

6. Warranties

6.1 The Seller warrants that the Goods will at the time of delivery correspond to the description given by the Seller in the confirmation of order. [Except where the Buyer is dealing as a consumer (as defined in section 12 of the Unfair Contract Terms Act 1977), all other warranties, conditions or terms relating to fitness for purpose, quality or condition of the Goods are excluded].

6.2 Subject to the exclusions set out in 6.3 below, the Company confirms the goods will correspond with their specification at the time of delivery and will be free from defect in material and workmanship from the date of delivery for 12 months

6.3 The company shall be under no liability in respect of any defect in the goods arising from any drawing, design or specification supplied by the buyer

6.4 The company shall be under no liability in respect of any defect arising from fair wear and tear , wilful damage , negligence , abnormal working conditions , failure to follow the company's instructions (whether oral or in writing), misuse or alteration or repair of the goods without the company's written approval

6.5 Where the goods are returned by the buyer and accepted by the company as being defective the company shall at its option, either repair or replace the goods without cost to the buyer or allow the buyer a credit on their account. The company shall not be liable to the buyer for any claim by the buyer for any work done on or with the goods, loss of profit, or any loss, damage or cost to the buyer whatsoever. Other than the replacement cost of the goods and the buyer shall not be entitled to withhold payment by reason of defect

7. Delivery of the Goods

7.1 Delivery of the Goods shall be made to the Buyer's address. The Buyer shall make all arrangements necessary to take delivery of the Goods on the day notified by the Seller for delivery.

7.2 The Seller undertakes to use its reasonable endeavours to despatch the Goods on an agreed delivery date, but does not guarantee to do so. Time of delivery shall not be of the essence of the contract.

7.3 The Seller shall not be liable to the Buyer for any loss or damage whether arising directly or indirectly from the late delivery or short delivery of the Goods. If short delivery does take place, the Buyer undertakes not to reject the Goods but to accept the Goods delivered as part performance of the contract.

7.4 If the Buyer fails to take delivery of the Goods on the agreed delivery date or, if no specific delivery date has been agreed, when the Goods are ready for despatch, the Seller shall be entitled to store and insure the Goods and to charge the Buyer the reasonable costs of so doing.

8. Acceptance of the Goods

8.1 The Buyer shall be deemed to have accepted the Goods 24 hours after delivery to the Buyer.

8.2 The Buyer shall carry out a thorough inspection of the Goods within 24 hours of delivery and shall give written notification to the Seller within 3 working days of delivery of the Goods of any defects or shortages which a reasonable examination would have revealed.

8.3 Where the Buyer has accepted, or has been deemed to have accepted, the Goods the Buyer shall not be entitled to reject Goods which are not in accordance with the contract.

9. Title and risk

9.1 Risk shall pass on delivery of the Goods to the Buyer's address.

9.2 Notwithstanding the earlier passing of risk, title in the Goods shall remain with the Seller and shall not pass to the Buyer until the amount due under the invoice for them has been paid in full.

9.3 The Seller may at any time before title passes and without any liability to the Buyer:

9.4.1 repossess and dismantle and use or sell all or any of the Goods and by doing so terminate the Buyer's right to use, sell or otherwise deal in them; and

9.4.2 for that purpose (or determining what if any Goods are held by the Buyer and inspecting them) enter any premises of or occupied by the Buyer.

9.5 The Seller may maintain an action for the price of any Goods notwithstanding that title in them has not passed to the Buyer.

10. Carriage of Goods

Carriage will be chargeable on;

1) Underfloor heating orders under £250 net

2) Plumbing orders under £500 net not including straight lengths of pipe

3) Plumbing orders under £1000 net excluding 5m straight lengths of pipe

4) Plumbing orders under £3000 net including 5m straight lengths of pipe

5) All Pre-insulated pipe orders.

6) Any order of any size on timed delivery (ie. pre 9am, pre12 etc.)

7) Any orders of any size for Saturday delivery

11. Force Majeure

The company shall not be liable to the buyer to the extent that fulfilment of its obligation to the buyer has been prevented , hindered or delayed by the force majeure as herein defined and without limiting the generality of the foregoing company shall be entitled to cancel any delivery in whole or part when it is delayed in or prevented from making delivery by strikes , lock outs , trade disputes or labour troubles or any cause beyond the company's control including without limitation act of god , regulation or request , fire , accident , war , riot , delay in transportation , inability to obtain adequate labour , materials or manufacturing facilities and the company shall not be bound to obtain in the market the goods with which to replace the goods , delivery of which has been cancelled as a result of said events.



Warranty Information

Product list

Product	Warranty
Below Ground Products	
Luxusheat UFH Multilayer Pipe*	50 Years*
Luxusheat Flexi-PEX Pipe*	50 Years*
Firmopress WRAS Approved MLCP Pipe*	50 Years*
Microflex Pre-Insulated Pipe	10 Years
Microflex Pipe Connections and Accessories	10 Years
Above Ground Products	
Luxusheat Manifolds (Inc. Connectors, gauges and accessories)	2 Years
Luxusheat Hydronic Controls (Inc. Pumps blending valves and accessories)	2 Years
Luxusheat Tools and Underfloor Heating Accessories (inc. Repair couplings)	2 Years
Honeywell Controls (Inc. actuators, bypasses and motorized valves)	2 Years
Heatmiser Air temperature controls (Inc. Accessories and sensors)	2 Years
Watts Contract Temperature Controls	2 Years
Firmopress PPSU press fittings - 10 Yr full reinstatement (insurance backed)	10 Years
Firmopress Brass press fittings - 10 Yr full reinstatement (insurance backed)	10 Years
Firmopress Modular System - 10 Yr full reinstatement (insurance backed)	10 Years
Firmopress Tools and Pipe Accessories	2 Years

* Luxusheat Flexi-PEX, UFH Only MLCP and Firmopress WRAS Approved MLCP have a 50 year warranty.

*Luxusheat guarantee for 10 years (third-party insurance backed) full reinstatement to a value of £2,500,000 and for a further 40 years for material replacement only.

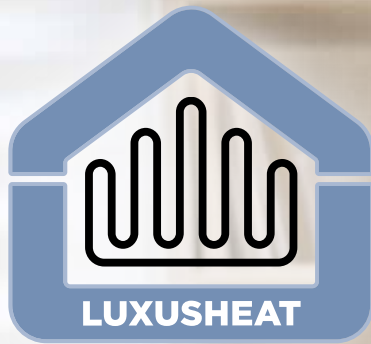
< OVERVIEW

Luxusheat prides itself on selecting the highest quality products that have been thoroughly tested and approved by strict European and UK Standards.

All our chosen systems carry extensive product guarantees and certification. Our designs are covered with Professional Indemnity Insurance (available upon request), so you can feel confident in choosing us as your underfloor heating partner.

The guarantees of our products and our suppliers warranties from third parties are set out above





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