

uponor

Price List 2018

Radiant Heating & Cooling,
Plumbing, Local Heat Distribution
and HIUs



BUILD ON
uponor

Build on Uponor solutions

Uponor Limited provides plumbing and heating solutions for all building types, from one bedroom flats to large public buildings. We are at the forefront of heating and cooling innovation, providing a complete comfort experience to all our users.



Single family home



Multi storey



Hotels



Industrial



Commercial



Healthcare

Exclusively for Uponor installers – collect uPoints and get rewarded!



You have put your trust in us and our products. Now we would like to thank you – with our loyalty scheme, Uponor & more. Collect uPoints when buying selected Uponor products and exchange them for rewards.

It's so easy: www.uponor-more.co.uk



1. Register

Register to join the scheme and enjoy the many advantages of Uponor & more!



2. Collect uPoints

uPoint vouchers are attached to the labels of many key Uponor products. Just enter the unique voucher code number in the Uponor & more portal at www.uponor-more.co.uk and fill up your uPoint account.



3. Choose rewards

Now for the best part of the Uponor & more scheme. Once you have collected enough uPoints, simply exchange them for fantastic rewards! Enjoy!



Underfloor Heating & Cooling



Supplying a broad variety of underfloor heating and cooling solutions for domestic and commercial. Providing maximum comfort for the user, high energy-efficiency, and the best possibilities for taking advantage of environmentally sound renewable energies.

Flexible Plumbing & Radiator Heating



We offer plumbing solutions that are corrosion resistant, hygienic and flexible. Providing the construction industry with fast and efficient installation technologies, giving our clients a long-lasting, healthy and trouble-free solution.

Ecoflex (Pre-insulated Pipe) System



With over 30 million metres installed worldwide, Uponor Ecoflex pipe is the proven choice for energy efficient transportation of hot water, heating and potable water applications. Saving you money on installation and running costs.

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Heat Interface Units

Plumbing, Heating & Building Services

Electric Underfloor Heating

Underfloor Heating & Cooling

Heating & Cooling Room Controls

Ecoflex (Pre-insulated) Pipe

General Tools and Accessories

Uponor

Build on new ways for energy-efficient buildings

Experience energy-efficient domestic hot water generation and heating/cooling distribution with Uponor Combi Port and Aqua Port and achieve up to 40% energy savings in apartment buildings

- ✓ New generation of energy-efficient domestic hot water generation and heating/cooling distribution
- ✓ Hygienic hot water generation on demand to avoid legionella growth
- ✓ Individually developed & prefabricated heat interface units



www.uponor.co.uk

Build on Uponor Aqua and Combi Port

Designed for use with virtually any heat source, Aqua Port for potable hot water and Combi Port for potable hot water and heating, provide the utmost efficiency and hygiene.

Compared to traditional system designs, the principal of 'instantaneous water heating' is central to the success of the Aqua Port and the Combi Port units. Each unit can supply an unlimited amount of reliable, hygienic hot water. No longer does an apartment or building require stored hot water, and plumbing designs are made easier, more efficient and more hygienic by not having to constantly recirculate potable hot water around the building.

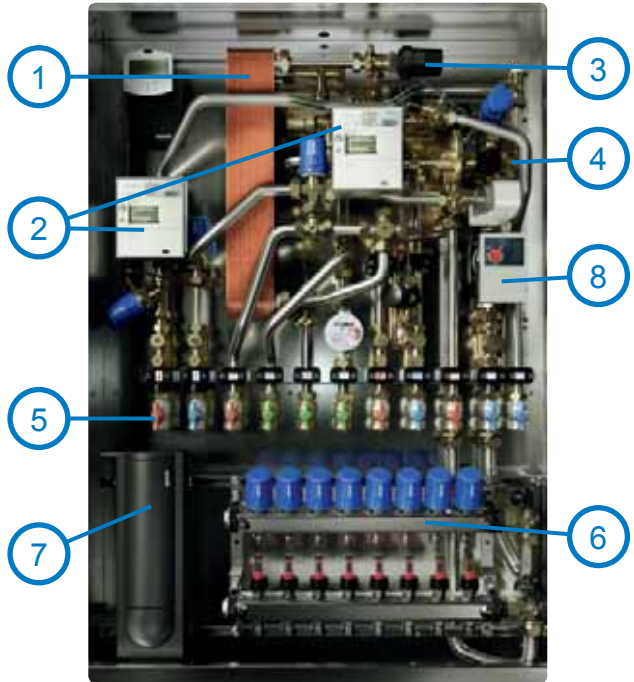
Aqua Port and Combi Port are tailored to suit the requirements of each application. Each system uses the highest specification materials and components, providing the most reliable and efficient units available.

When required, localised metering of water and energy can provide users and building owners with remote, instant accurate usage data.

40%
OF GLOBAL
ENERGY
CONSUMED
IN BUILDINGS

Thousands of possible configurations: Custom designed and delivered ready-made

1. High performance stainless steel plate exchangers for heating and domestic hot water.
2. Optional M-Bus meters to monitor water and energy usage.
3. Fast reacting stainless steel temperature regulator.
4. All pipe manufactured from high grade stainless steel.
5. Pipe connections can be pre-configured for either bottom or top entry.
6. Units can be pre-assembled with UFH manifolds and safety controls.
7. Wireless, or wired, UFH controls incorporating Autobalance technology.
8. Variable speed heating pump.



With each Aqua Port or Combi Port being configured to the specific requirements of each installation, designers are able to select which features are best for individual applications.

Benefits:

- Instant local generation of domestic hot water
- 100% hygienic
- Space saving and quicker installation (*optional first fix rail available*)
- Reliable mechanical controls
- Easy commissioning



Combi Port – overview

Larger capacity units available upon request



	Combi Port 2100	Combi Port 1100 RC unpumped (radiator)	Combi Port 1100 UFH pumped
Application	DHW & Heating	DHW & Heating	DHW & Heating
Connection Type	Indirect DHW & Heating	Indirect DHW Direct heating	Indirect DHW Direct heating
Pressure Class	PN 16	PN 16	PN 16
Max. DHW supply temperature*	95°C	95°C	95°C
Max. capacity DHW	80 KW	67 KW 24 l/min	67 KW 24 l/min
Primary return temperature	< 25°C	< 25°C	< 25°C
Priority valve	Yes	Yes	Yes
Thermostatic bypass	Yes	Yes	Yes
Control Type DHW	Thermostat + PM valve	Thermostat + PM valve	Thermostat + PM valve
Temperature range DHW	10/70°C max.	10/70°C max.	10/70°C max.
Circulation DHW	Optional	Optional	Optional
Max. capacity heating**	15 KW	15 KW	15 KW
Control Type heating	Thermostat/Electric	Thermostat/Electric	Thermostat/Electric
Safety temperature control UFH	Optional	Optional	Optional
Connection size	6x3/4"	6x3/4"	6x3/4"
DHW heat meter	Optional	Optional	Optional
DCW water meter	Optional	Optional	Optional
Connection points Top/Bottom	Optional	Optional	Optional
First Fix Rail	Optional	Optional	Optional
Flushing bypass	Optional	Optional	Optional
Filling loop w. non return valve	Optional	Optional	Optional
Cover, white with viewing window	Yes-lock on request	Yes-lock on request	yes-lock on request
Dimension - smaller unit available	555x650x280 mm	555x800x160 mm	555x800x160 mm
Stainless Steel pipes	AISI 316 18 mm	AISI 316 18 mm	AISI 316 18 mm
Expansion Vessel	8 l	No	No
Heating pump	Wilo Yonos Para RS 15/6	No	Wilo Yonos Para RS 15/6
Differential pressure control valve	No	Yes	Yes
Dynamic flow control valve DHW	DN20 240--1440 l/h	No	No
Dynamic flow control valve heating	DN20 240--1440 l/h	No	No

All Combi Port and Aqua Port units are configured for each installation's specific requirements. Please contact Uponor to arrange a full Technical Submittal and quotation for your needs.

* calculation based on primary supply temp. of 70°C/25°C return – please ask for specific HE calculation.

** calculation based on primary supply temp. of 70°C / sec. 45°/65°C – please ask for specific HE calculation.

Uponor Plumbing



Plumbing, Heating & Building Services



Plumbing, Heating & Building Services



We offer plumbing solutions that are corrosion resistant, hygienic, and flexible. Providing the construction industry with fast and efficient installation technologies, giving our clients a long-lasting, healthy and trouble-free solution.

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Uponor MLC Plumbing Pipes



100% diffusion-resistant multi-layer composite (MLC) pipe, five-layer (PE-RT – adhesive agent – continuously safety welded aluminium – adhesive agent – PE-RT), for general plumbing and building services. Manufactured to ISO 21003: 2008 for hot and cold water and heating applications with full WRAS approval.


MLC-White, supplied in straight lengths



Description	Code	Qty	Price per/m
3m lengths			
16x2mm	1013436	75m	2.74
20x2.25mm	1013441	51m	4.51
5m lengths			
16x2mm	1013432	125m	2.74
20x2.25mm	1013438	85m	4.51
25x2.5mm	1013442	50m	6.68
32x3mm	1013444	30m	8.35
40x4mm	1013446	20m	13.73
50x4.5mm	1013449	20m	20.49
63x6mm	1013451	15m	33.12
75x7.5mm	1013453	5m	51.84
90x8.5mm	1013455	5m	76.65
110x10mm	1013457	5m	110.29

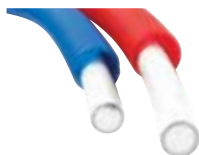
MLC-White, supplied in coils




Description	 uPoints	Code	Qty	Price per/m
12x1.6mm		1013575	100m	1.94
16x2mm	250	1013463	50m	2.14
16x2mm	500	1013378	100m	2.14
16x2mm	900	1013371	200m	2.14
16x2mm	2500	1013380	500m	2.14
20x2.25mm	700	1013388	100m	3.69
20x2.25mm	1500	1013392	200m	3.69
25x2.5mm	800	1013398	50m	5.84
32x3mm	1000	1013401	50m	8.38



MLC-Pipe in conduit



MLC in corrugated protective tube made of high-density polyethylene. Supplied in coils.

Description	 uPoints	Code	Qty	Price per/m
16mm - Blue	500	1013675	75m	4.30
16mm - Red	500	1013679	75m	4.30
20mm - Blue	800	1013677	75m	6.46
20mm - Red	800	1013681	75m	6.46

MLC-Conduit (does not include MLC pipe)




Made of high-density polyethylene. Supplied in coils. Details and prices of a wide range of sizes of conduit are available on request. First number shown in description refers to I.D. of the protective tube. The second is the size of MLC suitable.

Description	Use with pipe	Code	Qty	Price per/m
20 Red	16mm	1012858	50m	1.13
20 Blue	16mm	1012859	50m	1.13
20 Black	16mm	1012860	50m	1.13
23 Red	20mm	1012862	50m	1.43
23 Blue	20mm	1012863	50m	1.43
23 Black	20mm	1012864	50m	1.43
29 Red	25mm	1012866	50m	2.09
29 Blue	25mm	1012867	50m	2.09
29 Black	25mm	1012869	50m	2.09
36 Black	32mm	1012872	25m	2.45

Pre-insulated MLC, supplied in coils. Insulation made of closed cell polyethylene foam. Thermal conductivity $\lambda=0.040 \text{ W/m}^{\circ}\text{k}$. Sturdy, seamless foil coating. Fire classification E - according to EN 13501-1. Pipe end caps as hygienic seal according EN 806.


MLC Pipe Pre-insulated S9 (9mm Insulation)



Description	 uPoints	Code	Qty	Price per/m
16x2mm	700	1013625	75m	4.18
20x2.25mm	900	1013626	75m	5.57
25x2.5mm	1050	1013627	50m	7.27

MLC Pipe Pre-insulated S13 (13mm Insulation)



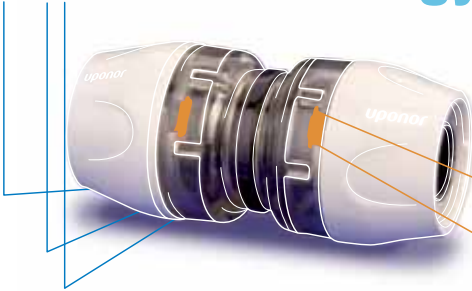
Description	 uPoints	Code	Qty	Price per/m
16x2mm	800	1013628	75m	4.41
20x2.25mm	1000	1013629	75m	6.14
25x2.5mm	1100	1013630	50m	7.89

Uponor Ring Tension Memory Fittings

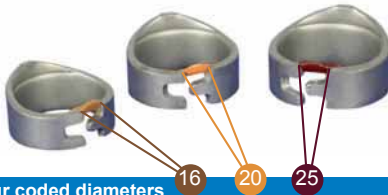


RTM™ Technology

RTM is ideal for new build projects, renovation projects and system repairs. It's quick, safe, easy and both the audible and visual joint indicators give the installer 100% security.



Designed for use on Uponor MLC pipes, RTM is easy to install due to its revolutionary Tool-Inside technology. The Ring Tension Memory ensures perfect, long-lasting joints.



Colour coded diameters

16

20

25



Ring Tension Memory Technology

TOOL INSIDE

RTM Coupling



Description	Code	Qty	Price each
16mm PPSU	1048542	10	4.43
20mm PPSU	1048543	10	5.59
25mm PPSU	1048544	5	8.57

RTM Reducer



Description	Code	Qty	Price each
20mmx16mm PPSU	1048545	10	5.22
25mmx20mm PPSU	1048546	5	7.71
25mmx16mm Brass	1048573	5	10.00

RTM Elbow



Description	Code	Qty	Price each
16mm PPSU	1048547	10	4.51
20mm PPSU	1048548	10	6.08
25mm PPSU	1048549	5	10.21

RTM Stop end



Description	Code	Qty	Price each
16mm	1059013	5	7.81

RTM Elbow female thread



Description	Code	Qty	Price each
16mmx½" FT (PPSU)	1048561	10	7.93
16mmx½" FT (Brass)	1048590	10	9.29
20mmx½" FT (PPSU)	1048562	10	9.71
20mmx½" FT (Brass)	1048591	10	11.71
20mmx¾" FT (Brass)	1048592	10	12.50
25mmx¾" FT (PPSU)	1048563	5	13.56
25mmx¾" FT (Brass)	1048593	5	17.12
25mmx1" FT (Brass)	1048594	5	18.13

RTM Elbow male thread



Description	Code	Qty	Price each
16mmx½" MT	1048599	10	9.71
20mmx½" MT	1048600	10	11.40
20mmx¾" MT	1048601	10	14.13
25mmx¾" MT	1048602	5	17.14

RTM Elbow - Wall plate - female thread



Description	Code	Qty	Price each
16mmx½" FT Brass	1048596	5	10.11
20mmx½" FT Brass	1048597	5	10.11
20mmx¾" FT Brass	1048598	5	16.57

Uponor RTM Fittings

RTM Smart Aqua, U-tap elbow



For use with MLC Smart End mounting brackets. See page 33.

Description	Code	Qty	Price each
16mmx½" FT	1061621	5	38.24
20mmx½" FT	1061622	5	56.24

RTM Smart Aqua, U-tap elbow mixer



For use with MLC Smart End mounting brackets. See page 33.

Description	Code	Qty	Price each
16mmx½" MT	1062221	5	44.99

RTM Equal tee



Description	Code	Qty	Price each
16mm PPSU	1048550	10	5.68
20mm PPSU	1048551	10	8.93
25mm PPSU	1048552	5	14.63

RTM Reduced tee



Description	Code	Qty	Price each
1 2 3			
20mmx16mmx20mm PPSU	1048553	10	8.57
20mmx16mmx16mm PPSU	1048554	10	8.57
20mmx20mmx16mm PPSU	1048555	10	8.57
25mmx20mmx20mm PPSU	1048557	5	12.85
25mmx20mmx25mm PPSU	1048556	5	13.56

RTM Female tee (brass)



Description	Code	Qty	Price each
16x½" FTx16mm	1048587	10	14.99
20x½" FTx20mm	1048588	10	17.50
20x¾" FTx20mm	1048589	10	19.62

RTM Female adapter



Description	Code	Qty	Price each
16x½ FT (PPSU)	1048558	10	7.86
16x½" FT (Brass)	1048581	10	9.64
20x½ FT (PPSU)	1048559	10	8.99
20x½" FT (Brass)	1048582	10	10.87
20x¾" FT (Brass)	1048583	10	12.13
25x¾" FT (PPSU)	1048560	5	11.29
25x¾" FT (Brass)	1048584	5	14.99
25x1" FT (Brass)	1048585	5	17.14

RTM Male adapter



Description	Code	Qty	Price each
16x½" MT (PPSU)	1048539	10	5.59
16x½" MT (Brass)	1048566	10	8.43
20x½" MT (PPSU)	1048540	10	6.71
20x½" MT (Brass)	1048567	10	9.99
20x¾" MT (Brass)	1048568	10	11.08
25x¾" MT (PPSU)	1048541	5	9.71
25x¾" MT (Brass)	1048569	5	14.27
25x1" MT (Brass)	1048570	5	16.57

RTM Copper adapter



Description	Code	Qty	Price each
16/15mm	1048603	10	6.71
25/22mm	1057377	5	10.62

RTM Radiator connection elbow



Radiator connection elbow with 15mm plated copper spigot.

Description	Code	Qty	Price each
16/200mm	1057379	1	19.99

RTM Swivel nut union



Description	Code	Qty	Price each
16x½" FT	1057375	10	11.87
20x¾" FT	1057376	10	14.38

RTM Pipe calibration tool



Must be used on every RTM connection.

Description	Code	Qty	Price each
16/20/25mm	1048606	1	2.14

Uponor MLC Composite S-Press Fittings



Composite coupling/reducer



Made of PPSU, with press sleeve.

Description	Code	Qty	Price each
16x16mm	1022736	10	3.25
20x16mm	1022740	10	3.96
20x20mm	1022737	10	4.36
25x16mm	1022741	5	6.17
25x20mm	1022742	5	6.35
25x25mm	1022738	5	6.69
32x25mm	1022743	5	10.48
32x32mm	1022739	5	10.93
40x40mm	1046401	5	17.53
40x25mm	1046403	5	16.12
40x32mm	1046404	5	18.22
50x32mm	1046405	3	21.74
50x40mm	1046406	3	23.13
50x50mm	1046402	3	22.42

Composite elbow 90°



Made of PPSU, with press sleeve.

Description	Code	Qty	Price each
16x16mm	1022714	10	4.08
20x20mm	1022715	10	5.10
25x25mm	1022716	5	7.22
32x32mm	1022717	5	11.21
40x40mm	1046386	5	20.33
50x50mm	1046387	3	30.14

Composite elbow 45°



Made of PPSU, with press sleeve.

Description	Code	Qty	Price each
40x40mm	1046388	5	33.63
50x50mm	1046389	3	44.84

Composite equal tee



Made of PPSU, with press sleeve.

Description	Code	Qty	Price each
16x16x16mm	1022718	10	5.51
20x20x20mm	1022719	10	8.26
25x25x25mm	1022720	5	14.08
32x32x32mm	1022721	5	22.38
40x40x40mm	1046390	5	30.84
50x50x50mm	1046391	3	46.25

Composite reduced tee



Made of PPSU, with press sleeve.

Description	Code	Qty	Price each
1 2 3			
16x20x16mm	1022722	10	7.66
20x16x16mm	1022723	10	7.66
20x16x20mm	1022724	10	7.66
20x20x16mm	1022725	10	7.66
20x25x20mm	1022726	10	13.29
25x16x16mm	1022727	5	9.27
25x16x20mm	1022728	5	11.66
25x16x25mm	1022729	5	10.71
25x20x20mm	1022730	5	9.96
25x20x25mm	1022731	5	12.55
32x16x32mm	1022732	5	16.16
32x20x32mm	1022733	5	19.61
32x25x25mm	1022734	5	19.70
32x25x32mm	1022735	5	20.00
40x20x40mm	1046392	5	23.96
40x25x32mm	1046393	5	25.93
40x25x40mm	1046394	5	25.93
40x32x32mm	1046395	5	25.24
40x32x40mm	1046396	5	27.34
50x25x40mm	1046397	3	31.94
50x25x50mm	1046398	3	34.35
50x32x50mm	1046399	3	38.55

Uponor MLC Metal S-Press Fittings



S-Press adapter male thread



Made of plated brass, with press sleeve. BSP 'R' type male-threaded adapter for screw connections to EN 10226-1.

Description	Code	Qty	Price each
16x $\frac{1}{2}$ " MT	1014525	10	4.72
16x $\frac{3}{4}$ " MT	1014534	10	9.31
20x $\frac{1}{2}$ " MT	1014561	10	5.87
20x $\frac{3}{4}$ " MT	1014564	10	7.09
20x1" MT	1014567	10	10.35
25x $\frac{3}{4}$ " MT	1014589	5	8.94
25x1" MT	1014592	5	11.64
32x1" MT	1014610	5	13.22
32x1 $\frac{1}{4}$ " MT	1014613	5	20.80
40x1 $\frac{1}{4}$ " MT	1046901	5	20.87
40x1 $\frac{1}{2}$ " MT	1046902	5	27.23
50x1 $\frac{1}{2}$ " MT	1046905	3	29.68
50x2" MT	1046906	3	48.06

S-Press adapter female thread



Made of plated brass, with press sleeve. BSP 'Rp' type female-threaded adapter for screw connections to EN 10226-1.

Description	Code	Qty	Price each
16x $\frac{1}{2}$ " FT	1014536	10	6.17
20x $\frac{1}{2}$ " FT	1014574	10	6.58
20x $\frac{3}{4}$ " FT	1014577	10	8.52
20x1" FT	1014580	10	13.81
25x $\frac{3}{4}$ " FT	1014599	5	9.18
25x1" FT	1014602	5	16.24
32x1" FT	1014618	5	16.97
32x1 $\frac{1}{4}$ " FT	1014621	5	25.19
40x1 $\frac{1}{4}$ " FT	1046903	5	23.43
40x1 $\frac{1}{2}$ " FT	1046904	5	25.36
50x1 $\frac{1}{2}$ " FT	1046907	3	28.25

S-Press adapter - swivel nut



Made of plated brass, with press sleeve and flat sealing washer. Detachable BSP screw fitting.

Description	Code	Qty	Price each
16x $\frac{1}{2}$ " FT	1015270	10	11.57
16x $\frac{3}{4}$ " FT	1015274	10	12.52
20x $\frac{1}{2}$ " FT	1015283	10	13.46
20x $\frac{3}{4}$ " FT	1015286	10	14.18
25x $\frac{3}{4}$ " FT	1015295	10	14.62
25x1" FT	1015297	5	15.15
32x1" FT	1060093	5	18.56
32x1 $\frac{1}{4}$ " FT	1015301	5	25.32
40x1 $\frac{1}{2}$ " FT	1046937	5	31.57
50x1 $\frac{1}{2}$ " FT	1060095	3	35.44
50x2" FT	1046939	3	39.50

S-Press elbow adapter male thread



Made of plated brass, with fixed press sleeve. With BSP 'R' type male-threaded adapter for screw connections to EN 10226-1.

Description	Code	Qty	Price each
16x $\frac{1}{2}$ " MT	1014686	10	6.53
20x $\frac{1}{2}$ " MT	1014729	10	9.90
20x $\frac{3}{4}$ " MT	1014732	10	10.38
25x $\frac{3}{4}$ " MT	1014751	5	13.37
25x1" MT	1014755	5	14.41
32x1" MT	1014770	5	19.42
40x1 $\frac{1}{4}$ " MT	1046909	5	30.24

Uponor MLC Metal S-Press Fittings

S-Press elbow adapter female thread



Made of plated brass, with press sleeve. With BSP 'Rp' type female-threaded adapter for screw connections to EN 10226-1.

Description	Code	Qty	Price each
16x1/2" FT	1014692	10	6.95
20x1/2" FT	1014736	10	9.15
20x3/4" FT	1014739	10	11.15
25x3/4" FT	1014757	5	13.56
25x1" FT	1014761	5	15.03
32x1" FT	1014774	5	20.40
40x1 1/2" FT	1046910	5	28.32
50x1 1/2" FT	1046912	3	32.83

S-Press elbow adaptor-swivel nut



Made of plated brass, with press sleeve and flat sealing washer. Demountable fixing point for ancillary products.

Description	Code	Qty	Price each
16x1/2"	1060090	10	10.70
20x1/2"	1060091	10	13.51
25x3/4"	1060092	5	15.19

S-Press elbow 90°



Made of plated brass, with press sleeves.

Description	Code	Qty	Price each
12x12mm	1014648	10	5.82
16x16mm	1014679	10	5.87
20x20mm	1014724	10	7.95
25x25mm	1014746	5	12.83
32x32mm	1014765	5	18.73
40x40mm	1046908	5	26.57
50x50mm	1046911	3	38.95

S-Press coupling/reducer



Made of plated brass, with press sleeves.

Description	Code	Qty	Price each
12x12mm	1015152	10	6.45
16x12mm	1015159	10	6.64
16x16mm	1015164	10	5.53
20x16mm	1015179	10	6.80
20x20mm	1015187	10	7.41
25x16mm	1015194	5	8.92
25x20mm	1015202	5	9.59
25x25mm	1015205	5	11.08
32x20mm	1015215	5	15.03
32x25mm	1015217	5	16.67
32x32mm	1015219	5	16.67
40x25mm	1046930	5	20.12
40x32mm	1046931	5	23.49
40x40mm	1046932	5	21.93
50x32mm	1046933	3	28.01
50x40mm	1046934	3	29.58
50x50mm	1046935	3	29.63

S-Press equal tee



Made of plated brass, with press sleeves.

Description	Code	Qty	Price each
12x12x12mm	1014871	10	7.45
16x16x16mm	1014918	10	8.26
20x20x20mm	1014976	10	11.91
25x25x25mm	1015028	5	18.19
32x32x32mm	1015073	5	34.80
40x40x40mm	1046921	5	38.21
50x50x50mm	1046928	3	55.99

Uponor MLC Metal S-Press Fittings

S-Press reduced tee



Made of plated brass, with press sleeves.

Description	Code	Qty	Price each
1 2 3			
16x12x12mm	1014909	10	9.03
16x12x16mm	1014910	10	9.48
16x20x16mm	1014923	10	13.52
20x16x16mm	1014957	10	12.73
20x16x20mm	1014961	10	12.95
20x20x16mm	1014970	10	12.95
20x25x16mm	1014981	10	15.99
20x25x20mm	1014983	10	16.23
25x12x25mm	1014994	10	14.80
25x16x16mm	1014996	5	13.89
25x16x20mm	1015000	5	14.10
25x16x25mm	1015002	5	15.75
25x20x16mm	1015015	5	14.28
25x20x20mm	1015017	5	14.92
25x20x25mm	1015021	5	16.35
25x32x25mm	1015033	5	23.39
32x16x32mm	1015053	5	20.80
32x20x32mm	1015060	5	22.16
32x25x25mm	1015064	5	23.00
32x25x32mm	1015068	5	24.63
40x20x40mm	1046916	5	27.82
40x25x32mm	1046917	5	31.70
40x25x40mm	1046918	5	31.10
40x32x32mm	1046919	5	30.51
40x32x40mm	1046920	5	33.63
50x25x40mm	1046924	3	35.98
50x25x50mm	1046925	3	36.31
50x32x50mm	1046926	3	44.17
50x40x50mm	1046927	3	38.75

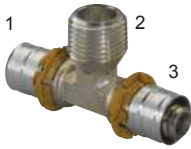
S-Press elbow 45°



Made of plated brass, with press sleeves.

Description	Code	Qty	Price each
25x25mm	1014812	5	23.63
32x32mm	1014825	5	28.16
40x40mm	1046913	5	50.49
50x50mm	1046914	3	50.49

S-Press tee with male thread



Made of plated brass, with press sleeves. Central BSP 'R' type male-threaded adapter for screw connections to EN 10226-1.

Description	Code	Qty	Price each
1 2 3			
16x $\frac{1}{2}$ " MTx16mm	1014927	10	12.98
25x $\frac{3}{4}$ " MTx25mm	1015038	5	24.79
32x $\frac{3}{4}$ " MTx32mm	1015082	5	30.60

S-Press tee with female thread



Made of plated brass, with press sleeves. Central BSP Rp type female-threaded adapter for screw connections to EN 10226-1.

Description	Code	Qty	Price each
1 2 3			
16x $\frac{1}{2}$ " FTx16mm	1014931	10	16.45
20x $\frac{1}{2}$ " FTx20mm	1014987	10	18.70
20x $\frac{3}{4}$ " FTx20mm	1014991	10	19.75
25x $\frac{1}{2}$ " FTx25mm	1015044	5	21.10
25x $\frac{3}{4}$ " FTx25mm	1015048	5	22.75
32x $\frac{1}{2}$ " FTx32mm	1015088	5	25.34
32x $\frac{3}{4}$ " FTx32mm	1015091	5	28.62
40x $\frac{3}{4}$ " FTx40mm	1046923	5	30.48
50x1" FTx50mm	1046929	3	36.99

S-Press stop end



Description	Code	Qty	Price each
16mm	1007078	10	3.74
20mm	1007079	10	4.09
25mm	1007080	10	4.77
32mm	1007081	5	9.52

MLC/copper adapter fittings



Made of brass with press sleeve and a soldered copper pipe to EN1057, for connections to metal press systems and copper compression fittings.

Description	Old Code	New Code	Qty	Price each
16x15mm	1014517	1064116	10	4.00
20x22mm	1014556	1064118	10	6.10
25x22mm	1014582	1064119	10	7.15
32x28mm	1014605	1064120	10	12.79

Uponor MLC Metal S-Press Fittings

S-Press connection elbow



Robust press radiator connection elbow with 15mm plated or copper spigot (for compression jointing only).

Description	Code	Qty	Price each
12x75mm Chrome	1014644	20	9.39
16x250mm Copper	1044852	20	11.79
16x350mm Chrome	1015626	20	13.27
16x1100mm Chrome	1015631	20	26.57

S-Press connection tee



Robust press radiator connection tee with 15mm bent plated copper spigot (for compression jointing only).

Description	Code	Qty	Price each
16x350x16mm	1015628	20	20.84

MLC- Press lever ball valve



Fully assembled and sealed lever ball valve c/w press adapters to MLC.

Description	Code	Qty	Price each
16mm	1046603	6	27.98
20mm	1046604	6	38.55
25mm	1046605	6	42.76
32mm	1046606	6	57.82
40mm	1046607	4	108.39
50mm	1046608	4	125.51

UNI-X Compression adapter (MLC)



For adaption of MLC to compression fitting bodies.
Note, threads must be checked.

Description	Code	Qty	Price each
12x15mm Chrome	1013813	20	4.40
16x15mm Brass	1013805	10	2.37
16x15mm Chrome	1013806	10	2.59
20x22mm Brass	1013807	10	4.44
25x28mm Brass	1013808	10	9.65

MLC

uponor

Modular press system

The multi-layered system with multiple benefits

Suitable for:

Heating - 10 bar @ 80°C

Domestics - 10 bar @
70°C


Sizes 16mm to 110mm

Lightweight, formstable
and easy to install

No hot works required

Applications include:

Healthcare, education,
multi-occupancy

A photograph of a Modular Lateral Connection (MLC) riser system. It features three vertical white PVC pipes. The left pipe has a 90-degree elbow at the top. The middle pipe has a 90-degree elbow at the bottom. The right pipe has a 90-degree elbow at the top. The pipes are connected to a horizontal pipe at the bottom. The system is supported by metal brackets. The background is a light-colored wall.

MLC (Modular) Riser System



Uponor's (Modular) Riser System

Uponor's MLC RS fittings range is fast becoming the system of choice on many world-class projects. With just a small range of easy to install fittings, hundreds of connection possibilities can be created. The distinctive "click and lock" mechanism removes the need for overhead pressing allowing safe, quicker installation.



SELECT THE BODY SIZE

'RS2' (up to 75mm) OR 'RS3' (for 90mm - 110mm)

SELECT THE BODY CONNECTION TYPE



Tee 45° Elbow 90° Elbow Coupler Reducer

CHOOSE ADAPTERS TO SUIT CONNECTION



Adapter Female Thread Male Thread Flange

Benefits:

- Components with hundreds of fitting variations possible
- Greater flexibility and lower logistics costs thanks to minimal number of system components
- Optimum availability with less storage space and lower investment costs
- Quick to install and can be pressed at the workbench

RS (Modular)

RS press adapter MLC



Made of tin plated brass with stainless steel press sleeve. For connection of MLC to RS2/RS3 Bodies. **Note: All RS Press Adapters must only be pressed using the approved Uponor UP75 or UP110 (1083612) tools.**

Description	Code	Qty	Price each
RS 2-16	1059397	1	20.20
RS 2-20	1059396	1	20.79
RS 2-25	1029121	1	22.18
RS 2-32	1029122	1	22.18
RS 2-40	1046940	1	24.58
RS 2-50	1046941	1	24.58
RS 2-63	1029125	1	24.33
RS 2-75	1029126	1	30.80
RS 3-90	1029127	1	86.21
RS 3-110	1029128	1	92.36

RS (Modular)

RS elbow 90°



Made of tin plated brass. Includes 2 lock pins.

Description	Code	Qty	Price each
RS 2	1029138	1	24.33
RS 3	1029139	1	73.89

RS elbow 45°



Made of tin plated brass. Includes 2 lock pins.

Description	Code	Qty	Price each
RS 2	1029140	1	34.49
RS 3	1029141	1	80.05

RS coupling



Made of tin plated brass. Includes 2 lock pins.

Description	Code	Qty	Price each
RS 2	1029144	1	22.18
RS 3	1029145	1	55.43

RS tee



Made of tin plated brass. Includes 3 lock pins.

Description	Code	Qty	Price each
RS 2	1029142	1	30.80
RS 3	1029143	1	80.05

RS reducer



Made of tin plated brass. Includes 1 lock pin.

Description	Code	Qty	Price each
RS3-RS2	1029146	1	40.65

Spare Lock Pins



Description	Code	Qty	Price each
RS2 modular lock pin (black)	1042921	10	2.15
RS3 modular lock pin (grey)	1042922	10	5.01

RS (Modular)

RS adapter - male thread



Made of tin plated brass. For connection to RS2/RS3 Bodies.
R type male thread to EN 10226-1.

Description	Code	Qty	Price each
RS 2 MT 1 ½"	1059402	1	24.94
RS 2 MT 2"	1029131	1	27.10
RS 2 MT 2 ½"	1029132	1	36.96
RS 3 MT 3"	1029133	1	43.10

RS adapter - female thread,



Made of tin plated brass. For connection to RS2/RS3 Bodies.
Rp type female thread to EN 10226-1.

Description	Code	Qty	Price each
RS 2 FT ½"	1059403	1	21.38
RS 3 FT ½"	1059404	1	29.68
RS 2 FT 1"	1029134	1	18.48
RS 2 FT 2"	1029135	1	27.10
RS 2 FT 2 ½"	1029136	1	36.96
RS 3 FT 3"	1029137	1	43.10

RS flange adapter



Made of tin plated brass. For connection to RS2/RS3 Bodies.

Description	Bolt Circle	Bolt Holes	Code	Qty	Price each
RS 2 DN 65 (PN 6)	130	4	1059398	1	132.97
RS 2 DN 65 (PN 16)	145	4	1059399	1	166.20
RS 3 DN 80 (PN 6)	150	4	1059400	1	174.51
RS 3 DN 80 (PN 16)	160	8	1029129	1	165.03
RS 3 DN 100 (PN 6)	170	4	1059401	1	189.95
RS 3 DN 100 (PN 16)	180	8	1029130	1	181.05

RS spacer



Made of tin plated brass. For connection to RS2/RS3 Bodies.
*Finished measurement of the spacer once fitted.

Description	Code	Qty	Price each
RS 2 170mm (130mm*)	1046477	1	67.25
RS 3 250mm (210mm*)	1046478	1	116.38
RS 2 5mm	1046750	1	32.34
RS 3 5mm	1046751	1	51.73



300

DIFFERENT FITTINGS ARE
REPLACED BY JUST 40

40

COMPONENTS ARE SUFFICIENT
FOR AN ENTIRE SYSTEM

Smart End Elbow Range

For Uponor Tap Water System



1 Fix bracket



2 Position and fix smart end



3 Fix pipe



4 Plug and test



5 Finish wall



6 Add extensions if required



7 Add tap connector

Tap Elbow



S-Press
Page 34



Quick & Easy
Page 46

U-Tap Elbow



RTM™
Page 16



S-Press
Page 34



Quick & Easy
Page 46

U-Tap Elbow Mixer



RTM™
Page 16

S-Press
Page 34

Uponor MLC Smart End and Accessories

S-Press Wall plate elbow



Made of plated brass, with fixed press sleeve and Smart End flange.
XL denotes extended length body. Rp type female thread to EN 10226-1.

Description	Code	Qty	Price each
16x $\frac{1}{2}$ "	1015345	10	6.65
20x $\frac{1}{2}$ "	1015512	10	7.77
20x $\frac{3}{4}$ "	1015515	5	7.77
25 $\frac{3}{4}$ "	1048471	5	13.12
16x $\frac{1}{2}$ " XL	1046332	10	6.98
20x $\frac{1}{2}$ " XL	1046333	10	8.11

S-Press tap U elbow



For use with MLC Smart End mounting brackets. Rp type female thread to EN 10226-1.

Description	Code	Qty	Price each
16x $\frac{1}{2}$ " FT x16	1015454	5	19.99
16x $\frac{1}{2}$ " FT x20	1060098	5	23.63
20x $\frac{1}{2}$ " FT x16	1060097	5	23.63
20x $\frac{1}{2}$ " FT x20	1060096	5	23.63

S-Press U-tap elbow mixer



For use with MLC Smart End mounting brackets. Use with in wall mixers.
R type male thread to EN 10226-1.

Description	Code	Qty	Price each
$\frac{1}{2}$ " MTx16x16	1060108	5	30.95
$\frac{3}{4}$ " MTx20x20	1060105	5	36.56

Mounting plate



For use with Smart End wall elbows. Designed for on-wall mounting. Allows tap connections with 75mm or 150mm spacings. Supplied with 2 insert pins and screws per plate.

Description	Code	Qty	Price each
75/150mm	1057840	5	2.31

Mounting angle



For use with Smart End wall elbows. Designed for in-wall mounting and flush finish. Allows tap connections with 75mm or 150mm spacing. Supplied with 2 inserts pins and screws per angle.

Description	Code	Qty	Price each
75/150mm	1057842	5	4.51

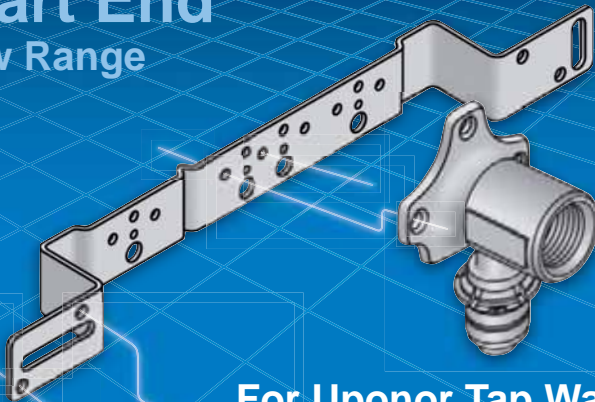
Mounting track



For use with Smart End wall elbows, on-wall or in-wall construction, with mounting steps every 75mm.

Description	Code	Qty	Price each
2000mm	1057844	10	16.00

Smart End Elbow Range



For Uponor Tap Water System
Uponor MLC Pipe

www.uponor.co.uk

Uponor MLC Smart End and Accessories

Insert pins and screws for mounting track



For attachment of Smart End wall elbows to mounting plate/angle/track.

Description	Code	Qty	Price each
Set contains 10 insert pins and 10 screws	1057847	1	5.20

Sound protection set



For sound insulation of a pair of Smart End elbows.

Description	Code	Qty	Price each
Set contains shroud, baffle, insert pin and screw	1057846	1	12.00

U-tap elbow sound protection set



For sound insulation of a pair of Smart End elbows. Contains shroud, baffle, insert pin and screw.

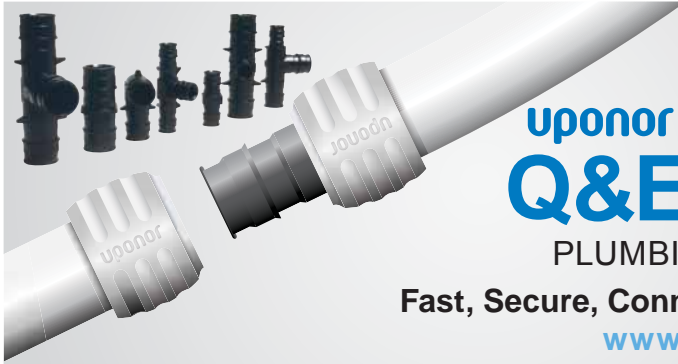
Description	Code	Qty	Price each
16mm	1060367	1	8.04

Inlet piece



Use with Smart End in wall mixer connecting nipple.

Description	Code	Qty	Price each
1/2" x 3/4 x 75mm	1036151	1	7.87



uponor Q&E Shrink-Fit PLUMBING SYSTEM

Fast, Secure, Connects in Seconds
www.uponor-qe.com

Plumbing, Heating
& Building Services

Uponor Q&E PEX Plumbing System

Diffusion-resistant EvalPEX pipes, five-layer (PEX – adhesive agent – EVOH oxygen barrier – adhesive agent – evalPEX), for general plumbing and radiator connection applications. Manufactured to EN ISO 15875 for hot and cold water and heating applications with full WRAS approval.


Q&E PEX Pipe white, supplied in 3m or 5m straight lengths



Description	Code	Qty	Price per/m
16x1.8mm (3m)	1058803	75m	2.23
20x1.9mm (3m)	1058804	48m	4.21
25x2.3mm (3m)	1058805	30m	5.55
32x2.9mm (5m)	1083815	35m	8.50
40x3.7mm (5m)	1083816	15m	15.45
50x4.6mm (5m)	1083817	10m	22.07
63x5.8mm (5m)	1083818	5m	34.56

Q&E PEX Pipe white, supplied in coils



Description	 uPoints	Code	Qty	Price per/m
12x1.1mm		1085245	100m	1.32
16x1.8mm	200	1059173	50m	2.02
16x1.8mm	350	1059182	100m	2.02
16x1.8mm	700	1059183	200m	2.02
16x1.8mm	1750	1058802	500m	2.02
20x1.9mm	250	1059174	50m	3.94
25x2.3mm	300	1059175	50m	5.52
32x2.9mm		1084387	50m	5.71
40x3.7mm		1084388	50m	13.88
50x4.6mm		1084389	50m	22.20
63x5.8mm		1084390	50m	34.61

Uponor Q&E PEX Plumbing System

Q&E PEX pipe-in-conduit



Pipe-in-pipe system is designed to be integrated into the building structure and to be covered by screeds. Pipe can be withdrawn without damage to the building structure. Complies with the requirements of the Water Regulations 1999.

Description	uPoints	Code	Qty	Price per/m
16mm - Red	250	1059179	50m	£3.41
20mm - Red	300	1059180	50m	£4.21
20mm - Blue	300	1059177	50m	£4.21
25mm - Red	350	1059181	50m	£4.79

Q&E Conduit (does not include PEX pipe)



Made of high-density polyethylene. Supplied in coils. First number shown in description refers to I.D. of the protective tube. The second is the size of evalPEX suitable.

Description	Use with pipe	Code	Qty	Price per/m
20 Red	16mm	1012858	50m	1.13
20 Blue	16mm	1012859	50m	1.13
20 Black	16mm	1012860	50m	1.13
23 Red	20mm	1012862	50m	1.43
23 Blue	20mm	1012863	50m	1.43
23 Black	20mm	1012864	50m	1.43
29 Red	25mm	1012866	50m	2.09
29 Blue	25mm	1012867	50m	2.09
29 Black	25mm	1012869	50m	2.09
36 Black	32mm	1012872	25m	2.45

Q&E Rings



Must be used on all Uponor Q&E PEX plumbing system joints.

Description	Code	Qty	Price each
12mm Red	1058454	20	0.13
12mm Blue	1058453	20	0.13
16mm Red	1058010	20	0.32
16mm Blue	1058013	20	0.32
16mm White	1057453	20	0.32
20mm Red	1058011	20	0.39
20mm Blue	1058014	20	0.39
20mm White	1057454	20	0.39
25mm Red	1058012	20	0.45
25mm Blue	1058015	20	0.45
25mm White	1057455	20	0.45
32mm White	1057456	10	0.96
40mm White	1045464	5	1.25
50mm White	1045489	1	3.00
63mm White	1045490	1	5.34

Q&E Coupling



Made from Engineered Plastic (PPSU). Uponor PEX plumbing system on both ends.
*Brass body fitting.

Description	Code	Qty	Price each
12mm*	1058467	10	2.75
16mm	1008669	5	1.33
20mm	1008932	5	1.88
25mm	1008671	5	2.86
32mm	1001235	1	5.24
40mm	1008673	1	10.07
50mm	1042866	1	17.93
63mm	1042865	1	29.10

Q&E Elbow 90°



Made from Engineered Plastic (PPSU). Uponor PEX plumbing system on both ends.
*Brass body fitting.

Description	Code	Qty	Price each
12mm*	1058470	5	2.88
16mm	1008679	5	1.31
20mm	1008680	5	2.10
25mm	1008681	5	4.08
32mm	1001245	1	6.71
40mm	1008683	1	13.15
50mm	1042859	1	24.96
63mm	1042858	1	45.55

Q&E Equal tee



Made from Engineered Plastic (PPSU). Uponor PEX plumbing system on all ends.
*Brass body fitting.

Description	Code	Qty	Price each
12mm*	1058475	5	2.85
16mm	1008684	5	1.94
20mm	1008685	5	2.81
25mm	1008686	5	4.69
32mm	1001250	1	10.44
40mm	1008688	1	16.92
50mm	1042861	1	40.76
63mm	1042860	1	68.35

Uponor Q&E PEX Plumbing System

Q&E Tee with reducer

Made from Engineered Plastic (PPSU). Uponor PEX plumbing system on all ends.
*Brass body fitting.



*Brass body fitting

Description	Code	Qty	Price each
1 2 3			
16x12x12mm*	1058477	1	3.15
16x12x16mm*	1058478	1	3.15
16x20x16mm	1008710	5	3.15
20x16x16mm	1008700	5	3.15
20x16x20mm	1008689	5	3.15
20x20x16mm	1008697	5	3.15
20x25x20mm	1008711	5	4.74
25x12x25mm*	1085246	5	4.74
25x16x16mm	1008702	5	4.74
25x16x20mm	1008699	5	4.74
25x16x25mm	1008690	5	4.74
25x20x16mm	1008701	5	4.74
25x20x20mm	1008703	5	4.74
25x20x25mm	1008691	5	4.35
25x25x20mm	1001420	5	5.44
25x32x25mm	1008712	5	8.18
32x25x20mm	1008704	1	8.09
32x20x25mm	1001422	1	7.59
32x20x32mm	1001424	1	8.14
32x25x25mm	1001426	1	8.28
32x25x32mm	1001428	1	8.97
40x25x40mm	1008695	1	13.98
40x32x40mm	1008696	1	15.31
40x20x32mm	1008707	1	13.33
40x25x32mm	1008708	1	13.56
40x32x32mm	1008709	1	14.43
40x20x40mm	1008694	1	13.29
50x40x40mm	1042862	1	37.56
50x32x50mm	1042863	1	34.93
50x25x50mm	1042864	1	34.24
50x40x50mm	1042875	1	36.31
50x25x40mm	1042876	1	31.71
63x50x50mm	1042868	1	58.69
63x40x40mm	1042869	1	55.61
63x32x63mm	1042870	1	55.94
63x25x50mm	1042871	1	55.25
63x40x63mm	1042872	1	60.44
63x25x63mm	1042873	1	57.68
63x50x63mm	1042874	1	63.29

Q&E Elbow 90° with female thread



Q&E PEX plumbing system on one end. With BSP female-threaded adapter for screw connections to EN 10226-1.

Description	Code	Qty	Price each
16x½" FT PPSU	1042334	5	4.35
20x½" FT PPSU	1042335	5	7.24
20x¾" FT PPSU	1042336	5	7.24
25x¾" FT PPSU	1042337	5	7.24



16x½" FT Brass	NEW 1023023	5	4.57
20x½" FT Brass	NEW 1023024	5	6.53
20x¾" FT Brass	NEW 1023025	5	7.33
25x¾" FT Brass	NEW 1023026	5	8.13

Q&E Female centre tee



Made from Engineered Plastic (PPSU), with female BSP 'RP' type thread. For connections to EN 10226-1.

Description	Code	Qty	Price each
1 2 3			
16x½"x16mm	1042338	5	4.61
20x½"x20mm	1042339	5	5.79
25x½"x25mm	1042340	5	7.24
25x¾"x25mm	1042341	5	7.61

Q&E Adapter male thread



PEX plumbing system on one end. With BSP 'R' type male-threaded adapter for screw connections to EN 10226-1.

Description	Code	Qty	Price each
16x½" MT	1008661	5	3.47
20x½" MT	NEW 1008662	5	4.08
20x¾" MT	NEW 1008663	5	4.08
25x¾" MT	1008664	5	4.35
25x1" MT	1008665	5	6.65



25x¾" MT (Brass)	1047862	1	5.30
25x1" MT (Brass)	1047863	1	9.84
32x1" MT (Brass)	NEW 1008730	1	12.20
40x1¼" MT (Brass)	NEW 1008732	1	20.46
50x1½" MT (Brass)	NEW 1047864	1	35.67
63x2" MT (Brass)	NEW 1008867	1	74.46

Uponor Q&E PEX Plumbing System

Q&E adapter female thread



PEX plumbing system on one end. With BSP 'Rp' type female-threaded adapter for screw connections to EN 10226-1.

Description	Code	Qty	Price each
16x½" FT PPSU	1042329	5	4.71
20x½" FT PPSU	1042330	5	5.93
20x¾" FT PPSU	1042331	5	6.10
25x¾" FT PPSU	1042332	5	7.24
25x¾" FT Brass	1023012	1	7.81
25x1" FT Brass	1023013	1	13.11
32x1" FT Brass	1047866	1	15.03
40x1¼" FT Brass	1047867	1	37.14
50x1½" FT Brass	1085078	1	83.99



Q&E Reducer



Q&E PEX plumbing system on both ends. *Brass body fitting.

Description	Code	Qty	Price each
16x12mm*	1058468	5	1.82
20x16mm	1008674	5	1.82
25x16mm	1008675	5	2.90
25x20mm	1008676	5	3.63
32x25mm	1001240	1	4.51
40x32mm	1008678	1	7.40
50x32mm	1042879	1	20.32
50x40mm	1042867	1	19.77
63x40mm	1042878	1	30.57
63x50mm	1042877	1	29.69

Q&E Elbow with male thread



Q&E PEX plumbing system on one end. With BSP male threaded adapter for screw connections.

Description	Code	Qty	Price each
16x½" MT	1008666	5	3.24
20x½" MT	1008667	5	3.76
25x¾" MT	1008668	5	4.99

NEW

Q&E Stop end



Description	Code	Qty	Price each
16mm	1084671	20	1.43

Q&E Adapter - swivel nut



Q&E PEX plumbing system on one end. With BSP type female-threaded adapter for screw connections. Washer included.

Description	Code	Qty	Price each
16x $\frac{1}{2}$ " FT PPSU	1038021	1	5.79
20x $\frac{1}{2}$ " FT PPSU	1038022	1	6.24
20x $\frac{3}{4}$ " FT PPSU	1038023	1	7.24
25x $\frac{3}{4}$ " FT PPSU	1038024	1	8.69
25x1" FT PPSU	1038025	1	10.12
12x $\frac{1}{2}$ " Brass	NEW 1058466	5	1.75
16x $\frac{1}{2}$ " Brass	NEW 1023014	5	3.34
20x $\frac{1}{2}$ " Brass	NEW 1023015	5	4.51
20x $\frac{3}{4}$ " Brass	NEW 1023016	5	4.38
25x $\frac{3}{4}$ " Brass	NEW 1023017	5	7.22
25x1" Brass	NEW 1023018	5	8.26

Q&E Adapter elbow 90° - swivel nut



Q&E PEX plumbing system on one end. With BSP type female-threaded adapter for screw connections. Washer included.

Description	Code	Qty	Price each
16x $\frac{1}{2}$ " FT	1038037	1	6.24
20x $\frac{1}{2}$ " FT	1038038	1	7.24
20x $\frac{3}{4}$ " FT	1038039	1	8.69
25x $\frac{3}{4}$ " FT	1038040	1	11.58

Q&E Manifold (PPSU), BSP inlet



Supplied as a single manifold. Made from Engineered Plastic (PPSU). Use with Q&E PEX rings.

Description	Code	Qty	Price each
$\frac{3}{4}$ "x16x16x16mm	1008714	1	10.14
$\frac{3}{4}$ "x20x16x16mm	1008716	1	10.14
$\frac{3}{4}$ "x16x16x16x16mm	1008715	1	10.58
$\frac{3}{4}$ "x20x16x16x16mm	1008717	1	10.58

Q&E Manifold (PPSU), Q&E inlet



Supplied as a single manifold. Made from Engineered Plastic (PPSU). Use with Q&E PEX rings.

Description	Code	Qty	Price each
25/16x16x16x16mm	1008718	1	10.14
25/16x16x16x16mm	1008719	1	10.58

Uponor Q&E PEX Plumbing System

Q&E Modular manifold c/c 50



Made from Engineered Plastic (PPSU), c/w BSP 'Rp' type outlets. To EN 10226-1.

Description	Code	Qty	Price each
1xG½"	1047997	1	10.14
1xG¾"	1047998	1	11.11

Q&E Modular manifold c/c 50



Made from Engineered Plastic (PPSU), c/w with Q&E outlets.

Description	Code	Qty	Price each
2x16	1047999	1	11.58
3x16	1048000	1	13.03
4x16	1048001	1	17.38

Q&E Modular straight connection



Made from Engineered Plastic (PPSU). For straight adaption from Modular manifold, BSP thread.

Description	Code	Qty	Price each
¾"	1048002	1	8.69

Q&E Modular elbow connection



Made from Engineered Plastic (PPSU). For 90 degree adaption from Modular manifold, BSP 'Rp' type thread.

Description	Code	Qty	Price each
¾"	1048003	1	8.69

Q&E Modular end cap



Description	Code	Qty	Price each
1"	1048004	1	5.79
1" c/w air nipple	1048005	1	14.48

Q&E Blanking plug



For sealing off Uponor 1/2" outlets during pressure testing.

Description	Code	Qty	Price each
½" MT	1008281	25	2.19

Q&E to soldered Copper adapter



To adapt to Q&E PEX pipe from soldered copper. Allow to cool before making Q&E joint.

Description	Code	Qty	Price each
12x15mm	1085248	5	2.19
16x15mm	1023040	5	2.19
20x22mm	1047941	5	4.92
25x22mm	1023042	5	4.35
25x28mm	1047942	5	5.79
32x28mm	1047943	5	36.58

Q&E to Copper compression adapter



To adapt to Q&E PEX pipe from copper compression.

*Not suitable for push fit or press fit type joints.

Description	Code	Qty	Price each
16x15mm	1008734	5	2.36
20x22mm	1008736	5	4.29

Q&E to MLC adapter



The fitting features a Q&E nipple onto S-PRESS connections giving a simple adaption from PEX to MLC pipework. This makes interchanging from both systems easier, faster and neater.

Description	Code	Qty	Price each
16mm	1062845	1	8.57
20mm	1062846	1	8.28
25mm	1062861	1	11.42

Q&E Compression adapters (PEX pipe)



Brass compression fitting to be used in conjunction with standard 15mm compression fitting bodies. Compatibility of threads must be checked.

Description	Code	Qty	Price each
12x $\frac{1}{2}$ " FT	1085247	1	1.69
16x $\frac{1}{2}$ " FT	1058934	1	3.10
20x $\frac{1}{2}$ " FT	1058935	1	7.52

Q&E adapter to RS2 fittings



To adapt to Q&E PEX pipe from MLC Riser system.

Description	Code	Qty	Price each
RS Adapter Q&E PL Q&E 25-RS2	1047021	1	22.45
RS Adapter Q&E PL Q&E 32-RS2	1047022	1	22.45
RS Adapter Q&E PL Q&E 40-RS2	1047023	1	25.65
RS Adapter Q&E PL Q&E 50-RS2	1047024	1	25.65
RS Adapter Q&E PL Q&E 63-RS2	1047026	1	25.65

Uponor Q&E PEX Plumbing System

Q&E Valve



Fully assembled and sealed lever valve.

Description	Code	Qty	Price each
25 x 25mm	1038428	1	17.10
32 x 32mm	1038429	1	32.41
40 x 40mm	1038430	1	48.87

Q&E Tap elbow



For use with MLC Smart End mounting brackets. See page 33.

Description	Code	Qty	Price each
16½" FT	1059822	5	8.28
20½" FT	1059823	5	9.42

Q&E U-tap elbow



For use with MLC Smart End mounting brackets. See page 33.

Description	Code	Qty	Price each
16½" FTx16	1059820	5	29.31
20½" FTx20	1059821	5	37.92

Q&E Termination Box



To be used with 16x ½" FT 90° elbow (item 1042334) and radiator connection pipe.

Description	Code	Qty	Price each
16x ½" FT	1048622	10	3.63

Radiator connection pipe



15mm copper x ½" BSP MT to connect radiator to termination box.

Description	Code	Qty	Price each
½" MT x 350mm Chrome plated	1015425	20	10.06

Q&E Radiator connection elbow



Uponor Q&E PEX plumbing system on one end. Chrome plated brass elbow with 15mm spigot for connection to radiators.

Description	Code	Qty	Price each
16x300mm	1023045	2	14.48

Radiator connection guide (solid floor)



Robust bend support and white powder coated aluminium upstand to protect pipe between floor and radiator. Price refers to a pack of two guides.

Description	Code	Qty	Price each
12/16mm	1002237	1	22.03

Radiator connection guide (joisted floor)



Robust white powder coated aluminium upstand to protect pipe between floor and radiator. Price refers to a pack of two guides.

Description	Code	Qty	Price each
12/16mm	1002238	1	20.77

Snap ring



Clip-on snap ring made of Polypropylene, available in white only.

Description	Code	Qty	Price each
15/16mm	1011370	50	0.36

Single bend guide plastic



Used to curve and protect Uponor evalPEX 16mm pipe-in-pipe up out of the floor leaving only the Uponor evalPEX 16mm pipe exposed through the floor. Protects the pipe below floor level. Price refers to single bend guide.

Description	Code	Qty	Price each
Single bend guide, PEX 16mm pipe-in-pipe	1009008	1	6.95

Chromed upstand pipe pack (750mm)



Chrome upstand to protect pipe between floor and radiator. For use with both pipe-in-pipe and pipe without conduit. Pack of two upstands.

Description	Code	Qty	Price each
12/16mm	1002240	1	18.44


Manifolds & Accessories

Vario B Manifold (N/V)



The Vario B Manifold includes chrome plated flow and return headers pre-mounted on nickel plated brackets with fill & drain points. Primary connections are 1" BSP and outlet on nickel plated connections are 3/4" Eurocone. Designed for use in Radiator systems.

Note: Eurocone compression adapters are supplied separately.


Description	 uPoints	Code	Qty	Price each
1 port extension set		1002189	1	68.64
2 port		1002190	1	105.80
3 port	300	1002191	1	141.49
4 port	350	1002192	1	168.79
5 port	400	1002193	1	195.80
6 port	450	1002194	1	222.80
7 port	500	1002195	1	250.23
8 port	600	1002196	1	279.06

Vario B Manifold with valve (L/S)



The Vario B Manifold with valve includes lock shield valves on the flow manifold for balancing the system. The manifold includes chrome plated flow and return headers pre-mounted on nickel plated brackets with fill & drain points. Primary connections are 1" BSP and outlet connections are 3/4" Eurocone. Designed for use in Radiator systems.

Note: Thermal actuators (p82), Eurocone compression adapters (bottom of page)

Description	 uPoints	Code	Qty	Price each
1 port extension set	250	1002181	1	103.22
2 port	300	1002182	1	122.35
3 port	350	1002183	1	164.58
4 port	450	1002184	1	201.71
5 port	550	1002185	1	239.74
6 port	650	1002186	1	276.30
7 port	700	1002187	1	315.67
8 port	800	1002188	1	354.24
9 port	900	1048274	1	390.41
10 port	950	1048275	1	425.57
11 port	1050	1048276	1	460.90
12 port	1150	1048277	1	496.99

Vario B MLC Eurocone compression adapter



Made of plated brass 3/4" FT Eurocone thread for connection to 3/4" MT manifolds outlets Vario B (NV/LS/TM).

Description	Code	Qty	Price each
16x3/4" FT	1058090	1	4.11
20x3/4" FT	1058092	1	4.87
25x3/4" FT	1058093	1	9.88

Vario B Q&E Eurocone compression adapter



Made of plated brass $\frac{3}{4}$ " FT Eurocone thread for connection to $\frac{3}{4}$ " MT outlets of Vario B (LS/NV/TM) manifolds.

Description	Code	Qty	Price each
16x $\frac{3}{4}$ " FT	1057441	1	6.08

Vario B Manifold fitting with temperature and airvent



For connection to Vario B (LS/TM/NV) Manifold. Can be fitted to left or right hand side of manifold. Supplied as a pair.

Description	Code	Qty	Price each
AAV & Temperature Gauge	1046886	1	74.03

Vario B Automatic manifold by-pass



Preset to 0.25 bar. For connection between flow and return manifold Vario B (LS/TM/NV). Complete with isolation valve for filling purposes.

Description	Code	Qty	Price each
Manifold by-pass between flow and return	1048278	1	71.05

UNI-C Manifold with valves, L



Supplied as a single manifold. Made of plated brass, $\frac{3}{4}$ " or 1" MT x FT connections with $\frac{1}{2}$ " or $\frac{3}{4}$ " MT outlets. Valves allow each circuit to be isolated. Delivered with loop labelling discs. Order adapters separately for connection to Uponor pipe (MLC/Q&E). Manifolds can be joined to make the required number of ports.

Description	Code	Qty	Price each
2 port $\frac{3}{4}$ " x $\frac{1}{2}$ " MT outlets	1002280	1	20.17
3 port $\frac{3}{4}$ " x $\frac{1}{2}$ " MT outlets	1002281	1	28.73
4 port $\frac{3}{4}$ " x $\frac{1}{2}$ " MT outlets	1002282	1	39.98
2 port 1" x $\frac{3}{4}$ " MT outlets	1002284	1	21.44
3 port 1" x $\frac{3}{4}$ " MT outlets	1002285	1	32.85
4 port 1" x $\frac{3}{4}$ " MT outlets	1002286	1	41.43

UNI-C Manifold without valves, P



Supplied as a single manifold. Made of plated brass, with 1"MT x 1"FT with $\frac{1}{2}$ "MT outlets. Order adapters separately for connection to Uponor pipe (MLC/Q&E). Manifolds can be joined to make the required number of ports.

Description	Code	Qty	Price each
2 port 1" x $\frac{1}{2}$ " MT outlets	1014107	1	18.73
3 port 1" x $\frac{1}{2}$ " MT outlets	1014111	1	26.57
4 port 1" x $\frac{1}{2}$ " MT outlets	1014109	1	33.33

Manifolds & Accessories

UNI-C Manifold adapter - MLC



Made of plated brass. For use with Manifold L/P.

Description	Code	Qty	Price each
12x½" FT	1013831	1	5.37
16x½" FT	1058086	1	3.15
20x½" FT	1058088	1	7.08

UNI-C Manifold adapter - Q&E



Made of plated brass. For use with UNI-C manifold L/P.

Description	Code	Qty	Price each
16x½" FT	1059510	1	3.10

UNI-C Manifold cap (with sealing washer)



Made of plated brass, for use with Manifold P.

Description	Code	Qty	Price each
½" FT	1014120	20	3.25
1" FT	1014121	20	5.37

UNI-C Manifold end cap



Made of plated brass, for use with UNI-C manifold L/P.

Description	Code	Qty	Price each
¾" FT	1002275	1	2.59
1" FT	1002276	1	2.27

UNI-C Manifold end plug



Made of plated brass, with sealing O-Ring.

Description	Code	Qty	Price each
¾" MT	1002273	20	4.23
1" MT	1002274	20	4.23

UNI-C Manifold ball valve



Made of plated brass. Used to isolate the whole manifold assembly.

Description	Code	Qty	Price each
¾" MT x ¾" FT Supplied as a single valve.	1002279	1	24.84
1" FT x 1" MT Supplied in pairs.	1059132	1	31.39

Uni-C Manifold Bracket, L or P



Made of galvanized steel, for the attachment of the manifolds L and P.
Price refers to a pack of two guides.

Description	Code	Qty	Price each
¾"/1" NEW	1045451	1	20.05

UNI-C Manifold bracket, P



Supplied as a single bracket. Made of galvanized steel, for the sound absorbing installation of Manifold P.

Description	Code	Qty	Price each
1"	1014117	1	11.83

Q&E Manifold end cap with full seal



Made of plated brass.

Description	Code	Qty	Price each
¾" FT	1001337	1	3.80

General Plumbing Accessories

Chromed radiator compression elbow



Plated brass elbow with 15mm plated brass spigot for connecting MLC to radiators with suitable compression adapters (12mm : 1013813, 16mm : 1013806).

Description	Code	Qty	Price each
15x20mm MT	1002124	10	7.84

Danfoss connection set



Made of plated brass, male-threaded pressure screw. With insert part and clamp ring, with blue O-ring, suitable for use with female-threaded Danfoss radiator valves.

Description	Code	Qty	Price each
16x½" MT	1013970	20	3.92

General Plumbing Accessories

Pipe clips



Pipe clips made of white plastic.

Description	Code	Qty	Price each
15/16mm	1013142	100	0.69
20mm	1013144	50	0.87
22/25mm	1013145	50	1.10
28/32mm	1013146	50	2.16
40mm	1013147	25	2.70

PEX Pipe bend supports



These should be used for all pipe and pipe-in-pipe bends. Use the correct bend support to match the outer diameter of the pipe or of the conduit.

Description	Code	Qty	Price each
Metal			
15mm/16mm	1009004	1	1.94
20mm	1009233	1	2.90
25mm	1009006	1	4.16
28-34mm	1001231	1	4.88

Single plugged hook



For the fast attachment of pipes with outer diameter of up to 32mm. Suitable for use on concrete floor.

Description	Code	Qty	Price each
60mm	1013137	50	0.40
80mm	1013138	50	0.40

Twin plugged hook



For the fast attachment of pipes with outer diameter of up to 32mm. Suitable for use on concrete floor.

Description	Code	Qty	Price each
60mm	1013139	50	0.44
80mm	1013140	50	0.44

Snap ring



Clip-on snap ring made of Polypropylene, available in white only.

Description	Code	Qty	Price each
12mm	1011368	50	0.33
15/16mm	1011370	50	0.36
20mm	1011372	50	0.35

Uponor Electric UFH Systems



Electric
Underfloor Heating

Our Comfort E solution is compatible with a range of different floor types, in line with our recommendations.

- Comfort E Step 1
Choose your mat _____ 55
- Comfort E Step 2
Choose your thermostat _____ 56
- Spares _____ 56

New

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Underfloor heating made easy.

New, ultra-thin electric underfloor heating to make any home cosier.

- ✔ Simple to fit
- ✔ Easy to use
- ✔ Fits under vinyl, laminate and tiles

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Enjoy underfloor heating anywhere



We are global experts in underfloor heating and our new Comfort E solution can be installed in a matter of minutes. So you can enjoy a cosy environment faster. Ideal for new builds and renovation projects.

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Uponor Electric UFH Systems

Comfort E

For system guidance and installation help please visit www.comfort-e.co.uk

Benefits:

- 10 year total floor guarantee
- Dedicated after sales support
- Ideal for new build and renovation projects

Step 1- Choose your mat

Comfort E Cable Mat



Electrical radiant heating mat for embedded electric floor heating suitable under all floorings in particular tiles.

- 160 W/m² output
- 3mm shielded double core cable with 4m cold connector
- Heating conductor with FEP electrical insulation
- Sew-up cable on a self-adhesive carrier mat
- Incl. protection tube for the floor sensor
- IPX7 - CE/VDE approved

Mat size m ²	uPoints	Code	Qty	Pack Price
1m	140	1088656	1	66.04
1.5m	170	1088657	1	76.46
2m	200	1088658	1	93.02
2.5m	230	1088659	1	127.20
3m	260	1088660	1	127.20
4m	310	1088661	1	183.70
5m	370	1088662	1	210.68
6m	440	1088663	1	262.50
7m	500	1088664	1	321.87
8m	540	1088665	1	362.91
10m	600	1088666	1	400.33
12m	650	1088667	1	433.78

Comfort E Aluminium Foil Mat



Electrical radiant heating aluminium mat suitable for dry installs including laminate, vinyl and carpet. *not suitable for wet room installs.

- 140 W/m² output
- Double core cable with 3m cold connector
- Heating conductor with FEP electrical insulation
- 2mm profile
- Incl. protection tube for the floor sensor
- IPX7 - CE approved

Mat size m ²	uPoints	Code	Qty	Pack Price
1m	140	1088684	1	107.06
2m	200	1088685	1	147.37
3m	260	1088686	1	188.02
4m	310	1088687	1	236.96
5m	370	1088688	1	277.60
6m	440	1088689	1	318.28
7m	500	1088690	1	363.27
8m	540	1088691	1	403.55
9m	570	1088692	1	444.23
10m	600	1088693	1	484.51

Aluminium Foil Mat Insulation



Insulation board to reduce heat loss of the Uponor Comfort E AL-Foil Mat, 5mm folded XPS panels, (0,15m²K/W) Board comes in easy to cut 1200 x 800mm sheets.

Description	Code	Qty	Price each
5mm	1088707	5	5.04

Step 2- Choose your thermostat

Thermostat Dial set



A simple to use dial thermostat for use with the Comfort E system (max switching 16 Amps).

Description	Code	Qty	Price each
T-85 230V	1088705	1 pce.	63.95

Thermostat Digital programme flush set



The T-86 thermostat is a multimode digital thermostat with program functions or standalone thermostat flush mounted for a clean finish (max switching 16 Amps).

Description	Code	Qty	Price each
T-86 230V	1088819	1 pce.	86.12

Spares

Remote Floor Sensor



Spare remote floor sensor for the Comfort-E range of thermostats, please ensure the correct sensor is used for your thermostat.

Description	Length	Code	Qty	Price each
T-85 sensor	3m	1090944	1	17.12
T-86 sensor	3m	1047459	1	26.66

Cable Repair Kit



Cable repair set for use when the cable has been damaged. Please ensure you follow the enclosed instructions for correct fitting.

Description	Code	Qty	Price each
Repair set	1090942	1	14.07

Spare Protective Tube



Spare sensor protective tube for use with the remote sensor to ensure it can be withdrawn in the future.

Description	Code	Qty	Price each
Sensor tube	1090943	1	12.01

AUTOBALANCE
TECHNOLOGY

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Underfloor heating controls



Underfloor heating systems



Minitec system



Solid screed system



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Underfloor Heating and Cooling



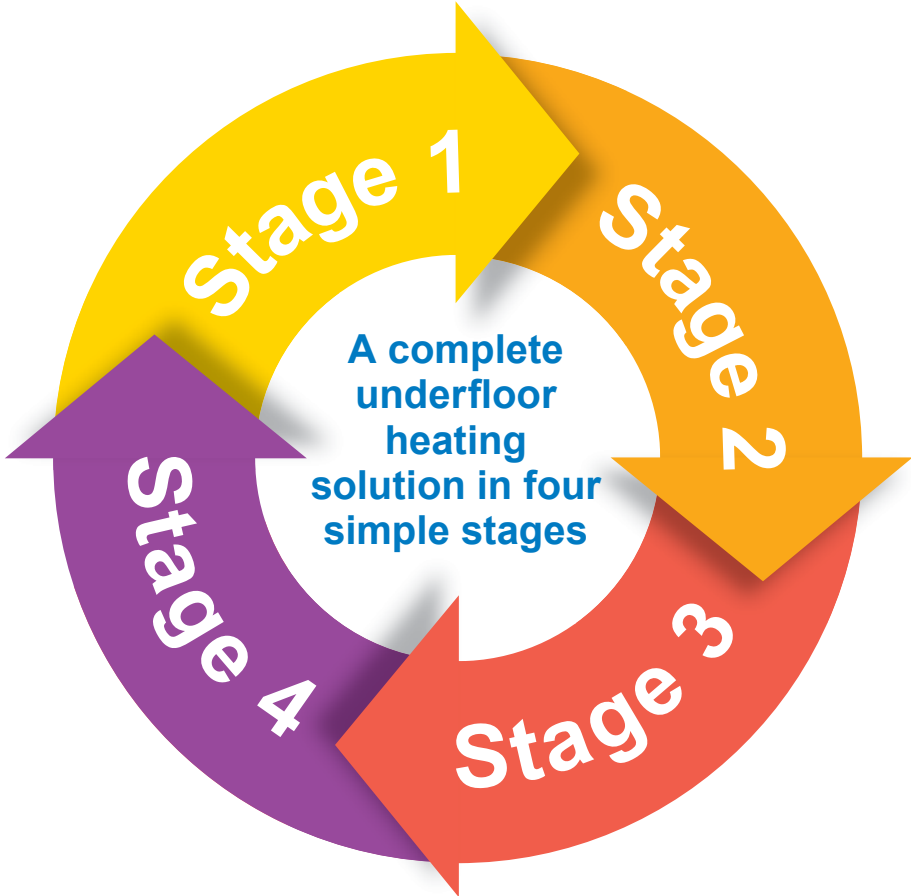
Minitec panel height



Your advantages

- 15mm overall build height
- Fast and easy to install
- Bonds directly to subfloor
- Ensures total pipe encapsulation
- Suitable for total floor area coverage
- New build and renovation projects
- Rapid heat-up times
- Uponor Minitec goes with different covering layers – depending on individual needs
- Suitable for installation on multiple floor constructions
 - New or existing concrete/screed floors
 - New or existing timber floors
 - Existing tile floors
- High thermal comfort level
- Output $\rightarrow 100\text{W/m}^2$
- Ideal partner for renewable technologies

Underfloor Heating & Cooling



Underfloor Heating & Cooling

Domestic and Commercial Underfloor Heating & Cooling Systems.

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Uponor Pipe & Accessories


Stage 1 - Pipe

	Renovation Systems			Traditional Systems		
	Minitec page 62	Siccus page 63	Tignum page 64	Solid Screed page 65	Timber HEPS page 67	Floating page 68
9.9mm PEX	✓					
12mm PEX		✓	✓			
16mm PEX				✓	✓	✓
16mm MLC				✓	✓	✓
20mm PEX				✓	✓	✓

9.9mm Minitec Comfort pipe




Comfort pipe evalPEX pipe, cross-linked polyethylene with oxygen diffusion barrier (to DIN4726) for use in underfloor heating & cooling applications.

Description	 uPoints	Code	Qty	Price per/m
9.9x1.1mm		1063287	60m	1.21
9.9x1.1mm	300	1063288	120m	1.21
9.9x1.1mm	600	1063289	240m	1.21
9.9x1.1mm	1200	1063381	480m	1.21

12mm Comfort PEX pipe




Comfort pipe evalPEX pipe, cross-linked polyethylene with oxygen diffusion barrier (to DIN4726) for use in underfloor heating & cooling applications. Allow 8m of pipe per m² for the Floating Panel system, and 6.7m of pipe per m² for the Fixed Panel system.

Description	 uPoints	Code	Qty	Price per/m
12x1.7mm		1063284	60m	1.79
12x1.7mm	700	1063285	120m	1.79
12x1.7mm	700	1063286	240m	1.79

16mm Comfort PEX pipe




Diffusion-resistant PEX pipes, five-layer (PEX – adhesive agent – oxygen barrier – adhesive agent – PEX), for underfloor heating and cooling applications. Maximum operating pressure is 6 bar. Maximum temperature operating 70°C.

Description	 uPoints	Code	Qty	Price per/m
16x1.8mm	80	1058856	80m	1.41
16x1.8mm	500	1047622	240m	1.41
16x1.8mm	1300	1047623	640m	1.41

16mm MLC pipe




100% diffusion-resistant multi-layer composite (MLC) pipe, five-layer (PE-RT – adhesive agent – continuously safety welded aluminium – adhesive agent – PE-RT). Manufactured to the strictest European standards and fully WRAS approved.

Description	 uPoints	Code	Qty	Price per/m
16x2mm	250	1013463	50m	2.14
16x2mm	500	1013378	100m	2.14
16x2mm	900	1013371	200m	2.14
16x2mm	2500	1013380	500m	2.14

20mm Comfort pipe plus



Comfort pipe plus (PEX) 20 x 2mm pipe. Five layer cross-linked polyethylene barrier pipe, manufactured in accordance with DIN 16892 and DIN 4726. Maximum operating pressure of 6 bar at 70°C.

Description	 uPoints	Code	Qty	Price per/m
20x2mm		1009229	60m	2.34
20x2mm	550	1034538	100m	2.34
20x2mm	600	1009228	120m	2.34
20x2mm	1000	1009230	240m	2.34
20x2mm	1850	1009231	480m	2.34

Pipe Accessories

Pipe conduit



Made of high-density polyethylene. Supplied in coils. Details and prices of a wide range of other sizes of conduit are available on request. First number shown in description refers to I.D. of the protective tube. The second is the size of pipe suitable. N.B. Does not include pipe.

Description	Code	Qty	Price per/m
23 Black (16mm)	1012864	50m	1.43

Pipe bend supports (metal)



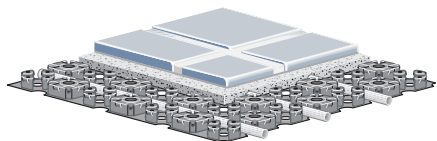
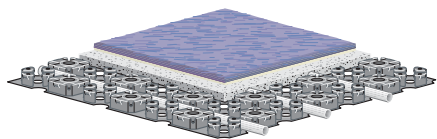
Bend supports are used where the PEX pipe is returning up from the floor towards the manifold. This creates a stable 90° bend making it easier for the installer to connect to the manifold.

Description	Code	Qty	Price each
12mm	1033974	1 pce.	1.31
16mm	1009004	1 pce.	1.94
20mm	1009233	1 pce.	2.90

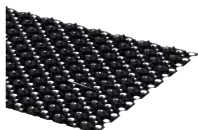
Uponor Systems

Minitec System

Stage 2 - System



Minitec panel



Castellated pipe positioning panel for use on Minitec systems only. Incorporates a self adhesive back that can be applied direct to the screed or tiled floors.

Benefits:

- Panel size: 1120 x 720 mm
- Total panel height: 12 mm
- Pipe dimensions: 9.9 x 1.1 mm
- Suitable for Uponor PE-Xa pipes
- Diagonal pipe fixture for installation at 90° and 45° angles
- Only 15mm build height including the screed

Description	Code	Qty	Pack Price
6.2m ² pack (8 panels)	1083866	1	108.37

Minitec edging strip

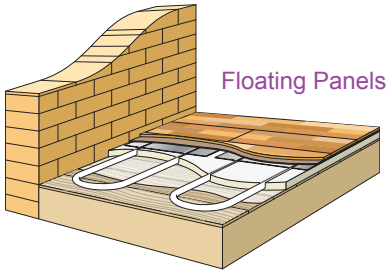


For use on Minitec system, to reduce thermal bridging. Made of polyethylene with self adhesive backing and PE skirt providing tight seal between edge strip and insulation. Thermal resistance 0.22m²K/W. Supplied in 20m rolls, 80x8mm HxD.

Description	Old Code	New Code	Qty	Price per/m
20m 80x8mm	1020183	1005267	20m	0.87



Siccus 12



Benefits:

- Can be laid directly on to an existing floor
- Expanded polystyrene provides thermal insulation and improved performance
- Can be easily adapted to suit different size and shaped rooms
- Boards can be routed with ease so as to accommodate additional pipe grooves and channels
- Finished floor coverings can be laid directly on top
- Low profile height

Stage 2 - System

Siccus 12 floating panel (single)



Grooved polystyrene panel complete with heat emission plates glued to the top surface. Grooves c/c 125mm. Heat emission plates can be snapped off at end to reveal turns and two straight run grooves for feed/return. Allow approx. 1.2 pcs/m².

Description	Code	Qty	Price each
1200x750x15mm	1034338	10 panels	38.42

Underfloor Heating & Cooling

Siccus 12 floating panel (feed/return)



Grooved polystyrene panel for use where multiple feed pipes run to/from the manifold to the heated area. Grooves c/c 62.5mm.

Description	Code	Qty	Price each
1200x250x15mm	1034340	10 panels	4.33

Siccus 12 heat emission plate

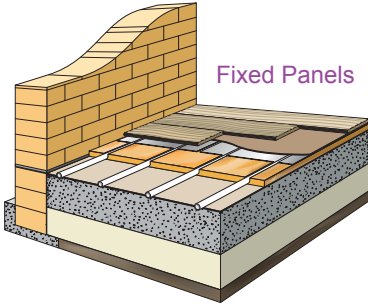


Aluminium metal plates for use with Uponor 12 Floating feed/return panels. Single track for Uponor 12mm pipe.

Description	Code	Qty	Price each
1180x110mm	1034358	30 plates	2.54

Tignum 12

Stage 2 - System



Benefits:

- Fast response
- High comfort levels
- 15mm panel thickness
- Preformed 12mm pipe grooves
- No joints below the finished floor
- Dry trade system
- Multi directional turn panels
- Snap point heat emission plates
- Reduced product inventory
- Ideal for renovation and new build projects

Tignum 12 fixed panel (single)



Tignum main panel with 4 rows of grooves at c/c 150mm to accept Siccus 12 heat emission plates (item 1034358).

Description	Code	Qty	Price each
1200x600x15mm	1085869	5 panels	15.70

Tignum 12 fixed panel (turn)



Tignum panel with turn and straight line grooves at c/c 150mm to accommodate flow and return pipes plus pipe bends.

Description	Code	Qty	Price each
600x300x15mm	1085870	5 panels	7.60

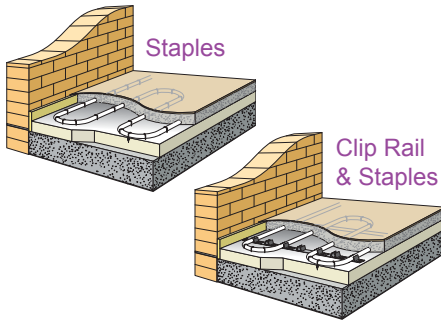
Tignum 12 heat emission plate



Aluminium metal plates for use with Tignum 12 panels.
Single track for Uponor 12mm pipe.

Description	Code	Qty	Price each
1180x110mm	1034358	30 plates	2.54

Solid Screed Systems



Benefits:

- Secure pipe fixing method
- Can be fixed directly to existing floor grade insulation
- Can accommodate various pipe layouts and spacings
- Low cost fixing system

Fixings

Tacker pipe clip standard



Used for fixing 16-20mm pipe to rolltec insulation or equivalent. The barb length is 22mm and requires a minimum of 26mm insulation depth. For use with Uponor Kombi gun 1002295.

Description	Old Code	Code	Qty	Price each
40mm clip	1002296	1086529	1000 pcs.	0.13

Tacker pipe clip long



Used for fixing 16-20mm pipe to most types of insulation. The barb length is 33mm and requires a minimum of 35mm insulation depth. For use with Uponor Kombi gun 1002295.

Description	Old Code	Code	Qty	Price each
55mm clip	1002297	1086530	300 pcs.	0.20

Magna clamp track nail



Used to hold Fix Clamp Track 16-20 in position or to provide additional fixing where required. Length 65mm.

Description	Code	Qty	Price each
65mm	1005291	500 pcs.	0.13

Multi U-clip 25



Suitable for holding 25mm conduit in position. Length 55mm.

Description	Code	Qty	Price each
25mm	1002018	100 pcs.	0.31

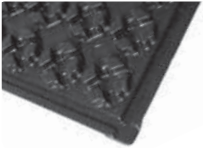
Fix clamp track 16–20




Self-adhesive universal clip rail made of PPC, for Uponor pipe, 16mm to 20mm. Can be combined in any length, suitable for cutting to size. May be used with Magna Clamp track nail 1005291 for a more secure fastening to your insulation. Allow 1m/2m².
Length of track: 1m. Width of track: approx. 50mm.
Space between pipe holders: 50mm.

Description	Code	Qty	Price each
16-20mm	1000018	100m	3.52

Pipe positioning plate 16



Castellated pipe positioning plate, designed to simplify the installation of 16mm pipes. For installation over suitable floor grade insulation. Dimensions of each panel 1447mm(L) x 900mm (W) x 18mm (H). Each pack covers 10m². Pipe spacing increments of 55mm/110mm/165mm/220mm/275mm/330mm

Description	 uPoints	Code	Qty	Price per/m ²
Pipe positioning plate	100	1016703	10m ²	11.10

Insulation

Multi-foil



Multi-layer reflective/printed insulating foil with pointed grid pattern. Designed for use directly above standard floor grade insulation to provide a protective layer and improve heat insulation and distribution into a heated screed. Supplied in 60 x 1m rolls. Thermal resistance 0.09m²K/W.

Description	Code	Qty	Price per/m ²
4mm foil insulation	1000017	60m ²	5.67

Multi edging strip

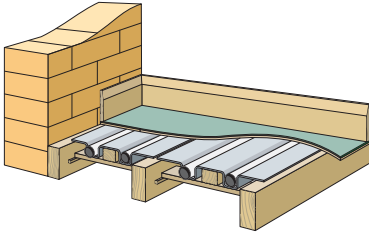


For use on solid screed floors as perimeter wall insulation, to reduce thermal bridging. Made of polyethylene with self adhesive backing and PE skirt providing tight seal between edge strip and insulation. Thermal resistance 0.22m²K/W. Supplied in 50m rolls, 150mm (H) x10mm (D).

Description	Code	Qty	Price per/m
50m Roll	1000080	50m	1.50



Uponor Timber Floor Systems




Benefits:

- Can be laid directly on to existing traditional joists
- Direct contact between plate and floor covering provides an efficient and highly responsive method of heat transfer
- Options available for different joist pitches and sprung floor systems

Siccus 16 double heat emission plate



For use with timber suspended floors, with joists at 400mm centres. Double track for Uponor 16mm pipe at 200mm c/c. Plate dimension 1150 x 380mm. Each pack of 28 plates covers 15m² (based on 80% floor coverage).

Description	 uPoints	Code	Qty	Price each
U 16 HEP400	700	1034365	28 plates	11.35

Siccus 20 heat emission plate HEP300




For use with timber suspended floors, with joists at 300mm centres or floating floor panels. Single track for Uponor Comfort Pipe Plus (PEX20) at 300mm c/c. Plate dimensions 1150 x 280mm. Each pack of 40 plates covers 16m² (based on 80% floor coverage).

Description	Code	Qty	Price each
PEX 20 HEP300	1009132	40 plates	8.59

Siccus 20 heat emission plate HEP411

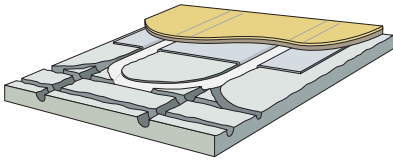


For Junckers sprung floor battens spaced at 411mm centres. Double track for Comfort Pipe Plus (PEX20) at 200mm c/c. Plate dimension 1150 x 405mm. Each pack of 20 plates covers 12.3m² (based on 80% floor coverage).

Description	 uPoints	Code	Qty	Price each
PEX 20 HEP411	650	1034491	20 plates	15.97

Uponor Floating Floor Systems

Siccus System

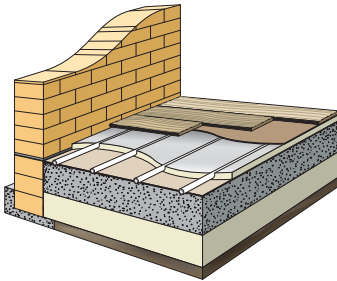


Benefits:

- Can be laid directly on to an existing floor
- Expanded Polystyrene provides thermal insulation and improved performance
- Can be easily adapted to suit different size and shaped rooms
- Boards easily routed to accommodate additional pipe grooves and channels

Stage 2 - System

Siccus FX System



Benefits:

- 'All in One' panel design
- Pre-formed 16mm pipe grooves
- Bonded heavy duty aluminium foil
- 30mm thick EPS200 panel
- 100% emitter floor coverage area
- Multiple floor applications
- Dry trade only installation
- Reduced product inventory
- Ideal for renovation and new build projects

Siccus 20 floating floor panel



Grooved polystyrene insulation panel for Uponor Comfort Pipe Plus (PEX20) pipes at 300mm c/c. Panel dimensions 1200 x 790mm, available in two thicknesses 30 & 50. Used together with HEP300 heat emission plate 1009132. Thermal resistance 0.91m² K/W

Description	Amount per M ²	Code	Qty	Price each
30mm 1.2mx0.79m	0.95	1034347	5 panels	17.95
HEP	2.5	1009132	40 plates	8.59

Siccus FX Panel



Grooved polystyrene insulation panel with prefabricated and applied aluminium heat conductive layer for 16mm Uponor underfloor heating pipes at 200mm c/c. Panel dimensions 1200 x 800 x 30mm.

Material: expanded polystyrene rigid foam acc EN 13163

Application type acc DIN 4180-10: DEO

Material classification acc EN 13501: class E

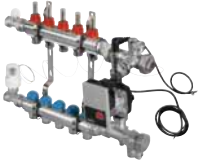
Compressive strength: 200 kPa

Thermal resistance: 0.91 m² K/W


Description	Amount per M ²	Code	Qty	Price each
1200 x 800 x 30mm	0.95	1086316	10	22.75

Uponor UFH & Cooling Manifolds & Water Temperature Controls

Vario B heating control pack




The pack is made up of the Vario B Manifold with a Compact Control Pack V5 prefixed to the manifold. The unit is ready to be wall mounted straight from the box. Designed for the control of water temperature and flow rates in the system with a maximum heat load of 15kW.

Description	 uPoints	Code	Qty	Price each
2-Port	950	1059843	1 set	726.97
3-Port	1000	1059844	1 set	786.37
4-Port	1050	1059845	1 set	813.54
5-Port	1150	1059846	1 set	854.44
6-Port	1250	1059847	1 set	893.69
7-Port	1300	1059848	1 set	935.89
8-Port	1400	1059849	1 set	976.83

Vario B flowmeter manifold



The Vario B Manifold includes flowmeters on the flow manifold for balancing and viewing circuit flow rates. Includes chrome plated flow and return headers pre-mounted on nickel plated manifold brackets with fill & drain points. Primary connections are 1" BSP and outlet connections are 3/4" Eurocone. Designed for use with underfloor heating & cooling systems.

Description	 uPoints	Code	Qty	Price each
1 loop extension set	200	1002197	1 set	94.23
2 loops	300	1002201	1 set	128.57
3 loops	400	1002202	1 set	178.16
4 loops	500	1002203	1 set	220.99
5 loops	600	1002204	1 set	264.62
6 loops	700	1002205	1 set	306.85
7 loops	800	1002206	1 set	351.76
8 loops	900	1002207	1 set	396.08
9 loops	1000	1002208	1 set	438.86
10 loops	1100	1002198	1 set	481.89
11 loops	1200	1002199	1 set	524.59
12 loops	1300	1002200	1 set	571.52

Vario B manifold with valve



The Vario B Manifold includes lock shield valves on the flow manifold for balancing the system. The manifold includes chrome plated flow and return headers pre-mounted on nickel plated brackets with fill & drain points. Primary connections are 1" BSP and outlet connections are 3/4" Eurocone.

Description	uPoints	Code	Qty	Price each
1 port extension set	250	1002181	1 set	103.22
2 port	300	1002182	1 set	122.35
3 port	350	1002183	1 set	164.58
4 port	450	1002184	1 set	201.71
5 port	550	1002185	1 set	239.74
6 port	650	1002186	1 set	276.30
7 port	700	1002187	1 set	315.67
8 port	800	1002188	1 set	354.24
9 port	900	1048274	1 set	390.41
10 port	950	1048275	1 set	425.57
11 port	1050	1048276	1 set	460.90
12 port	1150	1048277	1 set	496.99

Vario B Manifold and Control pack accessories

Vario 1" ball valve



Manifold isolation valves for use with Vario B range. Supplied as a pair.

Description	Code	Qty	Price each
1"FT x 1"MT	1059132	1 pair	31.39

Vario B manifold connection fitting with thermometer and airvent



For connection to Vario B Manifold. Can be fitted to left or right hand side of manifold. Supplied as a pair.

Description	Code	Qty	Price each
AAV & Thermometer Gauge	1046886	1 pair	74.03

Connectors



For connection of Uponor UFH pipeworks to the Vario B manifold range.

Description	Code	Qty	Price each
9.9x $\frac{3}{4}$ " - 3 piece fitting	1013426	1	4.92
12x $\frac{3}{4}$ " - 2 piece fitting	1065282	1	5.32
16x $\frac{3}{4}$ " PEX - 3 piece fitting	1057441	1	6.08
16x $\frac{3}{4}$ " MLC - 2 piece fitting (chrome)	1058090	1	4.11
20x $\frac{3}{4}$ " PEX - 2 piece fitting	1065290	1	4.53

Compression repair connector



For the repair of damaged pipes. (For repair of 12/16/20mm pipeworks you will need to order 2 x adaptors from above and connector below.)

Description	Code	Qty	Price each
12/16/20	1006641	10	4.62

Minitec compression coupling



For repair or damaged 9.9mm (Minitec) pipe systems. Please note this sits higher than the board, a channel will be required.

Description	Code	Qty	Price each
9.9-9.9mm	1016690	1	9.87

Minitec Q&E repair connector



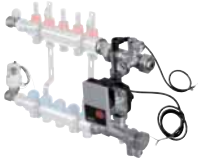
For use in repair of Minitec pipe, includes 1 x connector and 2 x Q&E rings.
* M12 tool required (1057166) page 104.

Description	Code	Qty	Price each
9.9x1.1mm	1005264	10	4.27

Pump Groups

Stage 3 - Manifold

Vario B compact control pack V5



Designed for the control of the water temperature and the flow rates in the system with a maximum heat load of 15kW. The pack is designed to bolt onto the Vario B Manifold. Incorporates a high limit protection function preset to 60°C, a two port thermostatic injection valve, an A rated energy efficient 6m head pump and balancing valve. Left or right hand installation possible.

Description	uPoints	Code	Qty	Price each
230v	700	1059842	1 set	602.13

Fluvia T VPG-10 with actuator



Designed for control of both water temperature and flow rates in secondary systems, in both domestic and commercial applications. Supplied pre-assembled and ready for direct connection to all manifolds. Includes 6m head A rated energy efficient pump and valve actuator with end switch. Maximum 15kW heat load.

Description	uPoints	Code	Qty	Price each
VPG-10 with actuator	1200	1061091	1 set	713.57

Fluvia E PPG-20



Designed for control of both water temperature and flow rates in secondary systems, in both domestic and commercial applications. Supplied pre-assembled and ready for direct connection to all manifolds. Includes a 6mA rated energy efficient pump and a secondary water temperature immersion pocket. 3 port blending valve motor and controller sold separately. Maximum 20kW heat load.

Description	Code	Qty	Price each
PPG-20	1059839	1 set	782.04

230V Actuator



For motorised water temperature control when used with the climate controller. Can be with 3 port valve range & Fulvia E PPG-20.

Description	Code	Qty	Price each
230V	1002357	1 pce.	209.54

Smatrix Move controller



An Intelligent supply water temperature controller for a UFH system.

Set includes; controller, outdoor sensor and pipe sensor.

*Please ensure Uponor actuator is used (1002357).

Description	Code	Qty	Price each
H X-157 wired	1071693	set	220.28

Viva 3-port mixing valve



Made from DZR brass. Rotary shoe valve used to blend the system water to the required temperature.

Description	Code	Qty	Price each
3/4"s Kv6.3	1002014	1 pce.	100.51
1"r Kv8	1002015	1 pce.	109.45
1 1/4 "s Kv18	1002017	1 pce.	130.76

Fluvia T Push 12 water temperature control



Designed to fit directly onto an existing radiator circuit, offering control of both water and room temperature, and flow rate to a single loop of pipe. Serves up to 32m² of floor area. Additional Eurocone 3/4" compression adapters (2) are required for connection to the loop, depending on which pipe is used.

Description	Code	Qty	Price each
Fluvia Push 12	1067388	1 set	412.18

Minitec Y compression adapter



Description	Code	Qty	Price each
2x9.9x3/4"FT	1016692	1	20.81





Uponor

Build on Uponor with Smatrix Style

Our new design thermostat with operative temperature sensor elegantly optimises room ambiance, increases comfort and saves energy costs

NEW



- ✓ Energy savings of up to 20% due to innovative Autobalancing technology
- ✓ Easy to install, set-up and control via smartphone and tablet
- ✓ Fits existing radiant heating and cooling systems, ideal for renovations

Underfloor Heating & Cooling Room Controls

Smatrix Wave - Single Zone Radio

Step 1 Choose a thermostat

Smatrix Wave
Thermostat Standard



Smatrix Wave
Thermostat Public



Smatrix Wave
Thermostat Programmable



Smatrix Style Wave Plus
Thermostat



Step 2 Select a receiver

Smatrix Wave
Relay Module



Smatrix Wave product details are found on page 79 & 80

Smatrix Base - Multi-Zone Wired

Smatrix Base controller




A wired underfloor heating/cooling controller. The controller sends and receives bus signals to and from room thermostats and sensors to control thermal actuators and other heating/cooling equipment.

Description	Code	Qty	Price each
X-145 BUS UK 6X	1071679	1 pce.	151.96

Smatrix Base PRO controller




A wired radiant heating/cooling controller. The controller sends and receives data to and from the room thermostats and sensors to control thermal actuators and other heating/cooling equipment. Can be added to Smatrix Base PRO interface to expand the system to up to 16 controllers depending on specific installation size.

Description	 uPoints	Code	Qty	Price each
X-147 UK 6X	300	1087417	1 pce.	236.56

Smatrix Base PRO controller and interface



A wired radiant heating/cooling controller and interface set. The controller sends and receives data to and from the room thermostats and sensors to control thermal actuators and other heating/cooling equipment. Also included is the I-147 interface allowing for the control of up to 16 controllers depending on specific installation size. **Please note Uponsor App control is not available.**

Description	 uPoints	Code	Qty	Price each
X-147 + I-147 UK	700	1087418	1 pce.	481.60
Spare I-147 interface		1087161	1 pce.	264.75

Smatrix Base slave module



A 6 channel controller slave module M-140. The controller slave can be added to a Smatrix Base or Smatrix Base PRO controller, to expand the available channels (6) and actuator outputs (6).

Description	Code	Qty	Price each
M-140 BUS 6X	1071686	1 pce.	49.39

Smatrix Base timer



A wired timer device for eco/comfort time schedule communication to the Smatrix Base controller, with large backlit display. It provides a user-friendly menu as well as pre-defined eco/comfort schedules and is freely programmable if required. Other features such as holiday mode are also available within the timer.

Description	New code	Qty	Price each
I-143 BUS	1086978	1 pce.	46.36

Smatrix Base dial thermostat



A wired dial single room temperature sensor with scale on dial. It measures the perceived room temperature and transmits the values to the wired controller.

Description	Code	Qty	Price each
T-145 BUS POD	1086975	1 pce.	27.29

Smatrix Base public thermostat



A wired room thermostat for tamper proof locations. In addition, different sensor functions can be set via dip switch such as a floor sensor, a remote sensor or/and outdoor sensor.

Description	Code	Qty	Price each
T-143 BUS	1086972	1 pce.	27.29

Smatrix Base digital thermostat




A wired digital thermostat with large backlit display. It measures and displays the room temperature, transmitting the values to the wired controller.

Description	Code	Qty	Price each
T-146 BUS	1086976	1 pce.	45.87

Smatrix Base programmable thermostat



A wired digital programmable thermostat with Rh sensor and large backlit display. It measures/displays the room temperature and Rh, then transmits the values to the Smatrix Base controller.

Description	 uPoints	Code	Qty	Price each
+RH T-148 BUS	100	1086977	1 pce.	57.05

Smatrix Style base digital thermostat



A wired digital thermostat with Rh sensor and E Ink display. It measures/displays the room temperature and Rh, then transmits the values to the Smatrix Base or Base PRO controller.

Description	Code	Qty	Price each
T-149 White	1087813	1 pce.	114.73
T-149 Black	1087814	1 pce.	126.34

Smatrix Base PRO Style sensor



A wired, discreet sensor for use with the Smatrix Base PRO system. It measures room temperature and sends the information to the central interface unit. Base PRO controller and interface required.

Description	Code	Qty	Price each
T-141	1087812	1 pce.	50.33

Smatrix Base - Multi-Zone Wired

Smatrix sensor floor/remote



The Smatrix floor/remote sensor can be combined with selected room thermostats out of the Smatrix Base, Smatrix Wave portfolio.

Description	Code	Qty	Price each
S-1XX	1071684	1 pce.	8.11

Stage 4 - Controls

Smatrix Base bus cable



A 4 core Smatrix bus cable, individually shielded for interference protection.

Description	Code	Qty	Price each
A-145 50M	1071670	1 pce.	118.80

Smatrix wall frame



The Smatrix wall frame for all Smatrix thermostats.

Description	Code	Qty	Price each
T-X A-1XX	1086986	1 pce.	2.99

Smatrix Style adaptor



For installing the Smatrix Style thermostat onto a solid wall.

Description	Code	Qty	Price each
A-14X White	1087821	1 pce.	3.42
A-14X Black	1087822	1 pce.	3.89

Smatrix relay module



A relay module used as an interface between a Uponor Smatrix control system and a heating/cooling source for switching between heating and cooling automatically.

Description	Code	Qty	Price each
H/C M-1XX 24V	1083576	1 pce.	51.19
H/C M-1XX 230V	1083577	1 pce.	77.30

Thermal Actuator



Suitable for use with the Vario B manifold range. Includes open/closed indicator with pre-opened function for ease of install.


Description	Old Code	New Code	Qty	Price each
24V for Vario B Manifolds NEW	1002053	1087778	1 pce.	27.43

Smatrix Wave - Multi-Zone Radio

Smatrix Wave control set



A wireless underfloor heating/cooling controller and interface set, with the option of remote connectivity via the Smatrix App module. Up to an additional 3 Wave controllers providing a 48 zone control platform. The controller sends and receives radio signals to and from room thermostats and sensors to control thermal actuators and other heating/cooling equipment. Settings and full system information via the radio touch screen.

Description	 uPoints	Code	Qty	Price each
X-165+I-167 UK 6X	700	1071647	set	487.85
Spare I-167 interface		1071646	1 pce.	265.79

Smatrix Wave controller



A wireless underfloor heating/cooling controller. The controller sends and receives radio signals to and from room thermostats and sensors to control thermal actuators and other heating/cooling equipment. Can be added to a Smatrix Wave control unit as a sub-controller to expand the system to up to 4 controllers depending on specific installation size.

Description	 uPoints	Code	Qty	Price each
X-165 UK 6X	300	1071668	1 pce.	272.68

Smatrix Wave slave module



A 6 channel controller slave module M-140. The controller slave can be added to a Smatrix Wave controller, to expand the available channels (6) and actuator outputs (6).

Description	Code	Qty	Price each
M-160 6X	1071659	1 pce.	71.33

Smatrix Wave module



The Smatrix Wave module R-167 is a device which will bring more value and comfort to the end user and installer. Acting as interface between the Smatrix Wave interface I-167 and your PC, Smart TV or mobile devices (tablet / smart phone)

Description	Code	Qty	Price each
R-167 UK	1084691	1 pce.	331.88

Smatrix Wave relay module



A wireless dual output receiver which can be used to switch different devices on or off. In addition it can be used for a wireless H/C switch over between the Smatrix room control system and the supply water controller or heat source.

Description	Code	Qty	Price each
M-161 2X	1071658	1 pce.	67.05

Smatrix Wave - Multi-Zone Radio

Stage 4 - Controls

Smatrix Wave dial thermostat



A wireless dial single room temperature sensor with printed scale on dial. It measures the perceived room temperature, transmitting the values to the wireless control unit.

Description	Code	Qty	Price each
Standard T-165 POD	1086981	1 pce.	44.61

Smatrix Wave public thermostat



A wireless single room temperature sensor for public buildings. In addition, different sensors functions such as a floor sensor, a remote sensor or outdoor sensor can be set via dip switch. It measures the perceived temperature and transmits the values to the wireless controller.

Description	Code	Qty	Price each
T-163	1086979	1 pce.	43.32

Smatrix Wave digital thermostat




A wireless digital thermostat with large backlit display. It measures and displays the room temperature, transmitting the values to the wireless controller.

Description	Code	Qty	Price each
T-166	1086982	1 pce.	62.90

Smatrix Style Wave thermostat



A stylish wireless digital thermostat with Rh sensor and E Ink display. It measures/ displays the room temperature and Rh, then transmits the values to the Smatrix Wave controller.

Description	 uPoints	Code	Qty	Price each
T-169 White	100	1087816	1 pce.	122.45
T-169 Black	100	1087817	1 pce.	127.41

Smatrix Wave programmable thermostat



A wireless digital programmable thermostat with Rh sensor and large backlit display. It measures and displays the room temperature and Rh, then transmitting the values to the wireless controller.

Description	New code	Qty	Price each
+RH T-168	1086984	1 pce.	72.96

Smatrix Style Wave room sensor



Discreet wireless sensor for use with the Smatrix Wave system. It measures room temperature and sends the information to the Smatrix App or central interface unit.

Description	uPoints	Code	Qty	Price each
T-161	100	1087815	1 pce.	68.70

Smatrix wall frame



The Smatrix wall frame for Smatrix thermostats.

Description	New code	Qty	Price each
T-X A-1XX	1086986	1 pce.	2.99
T-X Grey A-1XX	1071665	1 pce.	3.72

Smatrix sensor floor/remote



The Smatrix floor/remote sensor can be combined with selected room thermostats out of the Smatrix Base, Smatrix Wave portfolio.

Description	Code	Qty	Price each
S-1XX	1071684	1 pce.	8.11

Smatrix relay module



A relay module used as interface between a Smatrix control system and a heating/cooling source for switching between heating and cooling automatically.

Description	Code	Qty	Price each
H/C M-1XX 24V	1083576	1 pce.	51.19
H/C M-1XX 230V	1083577	1 pce.	77.30

Thermal Actuator



Suitable for use with the Vario B manifold range. Includes open/closed indicator with pre-opened function for ease of install.

Description	Old Code	New Code	Qty	Price each
24V for Vario B Manifolds NEW	1002053	1087778	1 pce.	27.43

Wired 230V Controls & Accessories

Wired 230V wiring centre



For controlling up to 8 room stats and 16 manifold actuators. Includes two volt free relays for pump and boiler control. Night setback facility when used with remote time clock.

Description	Code	Qty	Price each
White 230V	1047456	1 pce.	163.35

Wired 230V digital programmable thermostat



Modern slim design only 13mm depth after installation. Energy saving feature calculates heat up time of system. Includes holiday mode, temporary over-ride and specified duration, 5/2 or 7 day programme, floor temperature control, lock facility, status display on current thermostat mode.

Description	Code	Qty	Price each
White 230V	1058425	1 pce.	75.81

Wired 230V dial thermostat



Multi-purpose LCD and dial thermostat with remote sensor and setback facility. Includes, air and remote sensing or remote sensing only, regulation and protection of floor temperature, lock facility, status display on current thermostat mode.

Description	Code	Qty	Price each
White 230V	1047457	1 pce.	48.25

Wired 230V remote sensor



Optional 3m long sensor for control and regulation of remote temperature.

Description	Code	Qty	Price each
3m	1047459	1 pce.	26.66

Thermal Actuator



Suitable for use with the Vario B manifold range. Includes open/closed indicator with pre-opened function for ease of install.

Description	Old Code	New Code	Qty	Price each
230V Thermal Actuator, Vario B Manifold NEW	1013006	1087763	1 pce.	27.43

Wired 230V junction box



12 way junction box.

Description	Code	Qty	Price each
White	1002130	1 pce.	17.46

Viva Motorised 2 port zone valve



230V power open/spring return zone valve, complete with auxiliary switch.

Description	Code	Qty	Price each
230V	1002047	1 pce.	107.37

uponor

Smatrix

The intelligent control system for
underfloor heating and cooling

More comfort for less energy

- Fast installation, minimal wiring
- Low maintenance
- No manual balancing on the manifold is required
- Simple intuitive end user control via interface I-167
- First class regulation gives higher comfort and lower energy consumptions
- Advance cooling and humidity configuration options
- Remote access possibility via Smatrix module



Ecoflex (Pre-insulated) Pipe System








New







Ecoflex Thermo PRO

Over 30 years service life, designed especially for heating water (Thermo & Thermo PRO), hot tap water (Aqua) and cooling water (Supra). Applications for district heating and cooling, remote boilers, biomass, CHP and industrial fluids. High flexibility, no special tools required and available 'cut-to-length.'

- | | | | |
|-------------------------------|----|-----------------------------|----|
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| • Ecoflex Pipe _____ | 88 | • Ecoflex Accessories _____ | 95 |
| • Ecoflex End Caps _____ | 91 | | |

Pipe and Fitting Selector Tool

Stage 1			Stage 2			Stage 3						
Pick your application pipe and length...			Pick your end cap, one for each end...			Pick your coupler. . .						
	Order Code	Description		Order Code	Description		Order Code	Description				
	Thermo Single	1018109	25/140		Rubber end-cap	1018315	25+32/140		WIPEX Coupling, 6 bar	1018328	25x1" 6B	
	1018110	32/140	1018315		25+32/140	1018329	32x1" 6B					
	1018111	40/175	1018313		32+40+50/175	1018330	40x1 1/4" 6B					
	1018112	50/175	1018313		32+40+50/175	1018331	50x1 1/4" 6B					
	1018113	63/175	1018312		63+75/175	1018332	63x2" 6B					
	1018114	75/200	1018310		75+90+110/200	1018333	75x2" 6B					
	1018115	90/200	1018310		75+90+110/200	1018334	90x3" 6B					
	1018116	110/200	1018310		75+90+110/200	1018335	110x3" 6B					
	1083868	125/250	1083869		125/250	1078368	125x4" 6B					
	Thermo Twin	1018134	2x25/175		Rubber end-cap	1018309	2x 25+32+40/175		WIPEX Coupling, 6 bar	1018328	25x1" 6B	
	1018135	2x32/175	1018309		2x 25+32+40/175	1018329	32x1" 6B					
	1018136	2x40/175	1018309		2x 25+32+40/175	1018330	40x1 1/4" 6B					
	1018137	2x50/200	1018307		2x 40+50+63/200	1018331	50x1 1/4" 6B					
	1018138	2x63/200	1018307		2x 40+50+63/200	1018332	63x2" 6B					
	1088276	2x75/250	1088979		2x75+90/250	1018333	75x2" 6B					
	Thermo Mini	1018132	25/68		Rubber end-cap	1018316	25+32/68		WIPEX Coupling, 6 bar	1018328	25x1" 6B	
	1018133	32/68	1018316		25+32/68	1018329	32x1" 6B					
	Aqua Single	1018117	25/140		Rubber end-cap	1018315	25+32/140		WIPEX Coupling, 10 bar	1018336	25x1" 10B	
	1018118	32/140	1018315		25+32/140	1018338	32x1" 10B					
	1018119	40/175	1018313		32+40+50/175	1018339	40x1 1/4" 10B					
	1018120	50/175	1018313		32+40+50/175	1018340	50x1 1/4" 10B					
	1018121	63/175	1018312		63+75/175	1018341	63x2" 10B					
	Aqua Twin	1018139	25+25/175		Rubber end-cap	1018309	2x 25+32+40/175		WIPEX Coupling, 10 bar	1018336	25x1" 10B	
	1018140	32+25/175	1018309		2x 25+32+40/175	1018338	32x1" 10B					
	1018141	40+25/175	1018309		2x 25+32+40/175	1018336	25x1" 10B					
	1018142	50+25/175	1018309		2x 25+32+40/175	1018339	40x1 1/4" 10B					
	1018143	63+25/175	1018308		2x 25+32+50/175	1018336	25x1" 10B					
1018144	75+25/175	1018308	2x 25+32+50/175	1018340	50x1 1/4" 10B							
1018145	90+25/175	1018308	2x 25+32+50/175	1018336	25x1" 10B							
	Quattro	Thermo Aqua	1018147	2x25/25+25/175		Rubber end-cap	1018306	175 Quattro		WIPEX Coupling, 10 bar	1018328	25x1" 6B
	1018148	2x32/25+25/175	1018306	175 Quattro		1018336	25x1" 10B					
	1018149	2x32/32+25/175	1018306	175 Quattro		1018329	32x1" 6B					
	1018150	2x32/32+25/175	1018306	175 Quattro		1018336	25x1" 10B					
	Supra	1018124	25/68		Rubber end-cap	1018316	25+32/68		Plasson coupling	1018400	25x 3/4"	
	1018125	32/68	1018316		25+32/68	1018401	32x1"					
	1018126	40/140	1018314		40+50+63/140	1018402	40x1 1/4"					
	1018127	50/140	1018314		40+50+63/140	1018403	50x1 1/2"					
	1018128	63/140	1018314		40+50+63/140	1018404	63x2"					
	1018129	75/175	1018312		63+75/175	1018405	75x2 1/2"					
	1018130	90/175	1018311		90+110/175	1018406	90x3"					
	1018131	110/200	1018310		75+90+110/200	1018407	110x4"					

Stage 1			Stage 2			Stage 3		
Pick your application pipe and length...			Pick your End cap, one for each end...			Pick your coupler. . .		
Order Code	Description		Order Code	Description		Order Code	Description	
Thermo PRO Single	1087379 40/175		Rubber end-cap	1018313 32+40+50/175		WIPEX Coupling, 6 bar	1018330 40x1¼" 6B	
	1087384 50/175			1018313 32+40+50/175			1018331 50x1¼" 6B	
	1087386 63/200			1086685 50+63/200			1018332 63x2" 6B	
	1087388 75/200			1018310 75+90+110/200			1018333 75x2" 6B	
	1087389 90/200			1018310 75+90+110/200			1018334 90x3" 6B	
	1087390 110/200			1018310 75+90+110/200			1018335 110x3" 6B	
Thermo PRO Twin	1087393 2x25/175		Rubber end-cap	1018309 2x 25+32+40/175		WIPEX Coupling, 6 bar	1018328 25x1" 6B	
	1087395 2x32/175			1018309 2x 25+32+40/175			1018329 32x1" 6B	
	1087397 2x40/200			1018309 2x 25+32+40/175			1018330 40x1¼" 6B	
	1087398 2x50/200			1018307 2x 40+50+63/200			1018331 50x1¼" 6B	
	1087399 2x63/200			1018307 2x 40+50+63/200			1018332 63x2" 6B	



Ecoflex (Pre-insulated) Pipe Systems

from heat source... to building

Applications:

- Remote boilers
- Biomass
- CHP
- District heating
- District cooling

Suitable for:

- Heating water
- Hot tap water
- Cooling water
- Industrial fluids

Solutions for:

- Family homes
- Social housing
- Farm buildings
- Smallholdings
- Outbuildings
- Industrial
- Commercial
- Multi residential
- Education
- Healthcare

The Advantages:

- **Easy to handle**, light weight and highly flexible
- **Easy to assemble**, no special tools required
- **Rapid work progress**, up to 200m joint free installation
- **Cut to length service**, delivered directly to site
- **Full design service**, pipe sizing and material take-offs
- **Load bearing**, up to 60 tonnes at 0.5m depth

Ecoflex
(Pre-insulated) Pipe


Over 30 million metres installed worldwide!

Uponor Ecoflex (Pre-insulated) Pipe

Ecoflex Thermo Mini & Single




Ecoflex Single pipe PEX, max. 6 bar / 80°C heating. **Use Wipex 6 bar coupling.**

Description	 uPoints	Code	Qty	Price per/m
25/68 Mini	1200 per 10m	1018132	200	27.68
32/68 Mini	1200 per 10m	1018133	200	32.08
25/140 Single	1200 per 10m	1018109	200	40.55
32/140 Single	1200 per 10m	1018110	200	44.05
40/175 Single	1200 per 10m	1018111	200	57.77
50/175 Single	1200 per 10m	1018112	200	61.84
63/175 Single	1200 per 10m	1018113	200	70.08
75/200 Single	1200 per 10m	1018114	100	95.47
90/200 Single	1200 per 10m	1018115	100	107.40
110/200 Single	1200 per 10m	1018116	100	127.90
125/250 Single	1200 per 10m	1083868	100	145.03

Ecoflex Thermo Twin




Ecoflex Twin pipe PEX, max. 6 bar / 80°C heating. **Use Wipex 6 bar coupling.**

Description	 uPoints	Code	Qty	Price per/m
2x25/175	1200 per 10m	1018134	200	55.58
2x32/175	1200 per 10m	1018135	200	63.19
2x40/175	1200 per 10m	1018136	200	68.14
2x50/200	1200 per 10m	1018137	100	93.10
2x63/200	1200 per 10m	1018138	100	112.38
2x75/250	1200 per 10m	1088276	100	137.26

Ecoflex Thermo PRO Single




Thermo PRO Single is suitable for applications where heat loss needs to be at a minimum, but with all the benefits of the existing Thermo system. Other jacket sizes available on request. **Use Wipex 6 bar Coupling.**

Description	 uPoints	Code	Qty	Price per/m
40/175	1200 per 10m	1087379	150	77.48
50/175	1200 per 10m	1087384	150	80.85
63/200	1200 per 10m	1087386	100	109.50
75/200	1200 per 10m	1087388	100	123.65
90/200	1200 per 10m	1087389	100	136.22
110/200	1200 per 10m	1087390	100	155.28

Ecoflex Thermo PRO Twin




Thermo PRO Twin is suitable for applications where heat loss needs to be at a minimum, but with all the benefits of the existing Thermo system. Other jacket sizes available on request. **Use Wipex 6 bar Coupling.**

Description	 uPoints	Code	Qty	Price per/m
2x25/175	1200 per 10m	1087393	150	76.18
2x32/175	1200 per 10m	1087395	150	82.98
2x40/200	1200 per 10m	1087397	100	102.40
2x50/200	1200 per 10m	1087398	100	112.23
2x63/200	1200 per 10m	1087399	100	140.67

Ecoflex Aqua Single




Ecoflex Single pipe PEX, max. 10 bar / 70°C warm water. **Use Wipex 10 bar coupling.** Sizes 75mm, 90mm and 110mm available on request for large projects.

Description	 uPoints	Code	Qty	Price per/m
25/140	1000 per 10m	1018117	200	43.40
32/140	1000 per 10m	1018118	200	48.38
40/175	1000 per 10m	1018119	200	64.21
50/175	1000 per 10m	1018120	200	75.43
63/175	1000 per 10m	1018121	200	86.90
75/200	1000 per 10m	1018122	100	107.01
90/200	1000 per 10m	1018123	100	116.34
110/200	1000 per 10m	1036036	100	143.98

Ecoflex Aqua Twin




Ecoflex Twin pipe PEX, max. 10 bar / 70°C warm water. **Use Wipex 10 bar coupling.**

Description	 uPoints	Code	Qty	Price per/m
25+25/175	1000 per 10m	1018139	200	61.68
32+25/175	1000 per 10m	1018140	200	65.34
40+25/175	1000 per 10m	1018141	200	71.38
50+25/175	1000 per 10m	1018142	200	80.95

Ecoflex Quattro




Ecoflex Quattro pipe PEX, heating / warm water. (Contains 2 x Thermo Pipes and 2 x Aqua Pipes).

Description	 uPoints	Code	Qty	Price per/m
2x25/25+25/175	1200 per 10m	1018147	200	88.03
2x32/25+25/175	1200 per 10m	1018148	200	96.65
2x32/32+25/175	1200 per 10m	1018149	200	101.06

Ecoflex Supra



Ecoflex single pipe PE-HD, max. 16 bar / 20°C. For chilled water and potable water. WRAS approved. **Use Plasson coupling or Wipex 6 bar coupling.**

Description	 uPoints	Code	Qty	Price per/m
25/68	1000 per 10m	1018124	200	24.94
32/68	1000 per 10m	1018125	200	25.74
40/140	1000 per 10m	1018126	200	54.16
50/140	1000 per 10m	1018127	200	56.88
63/140	1000 per 10m	1018128	200	61.84
75/175	1000 per 10m	1018129	100	66.28
90/175	1000 per 10m	1018130	100	65.01
110/200	1000 per 10m	1018131	100	89.76



Uponor Ecoflex (Pre-insulated) Pipe

Ecoflex Supra Plus



Ecoflex single pipe PE-HD, max. 16 bar / 20°C, complete with freeze protection cable. For chilled water and potable water. WRAS approved.

Use Plasson coupling or Wipex 6 bar coupling.

Description	uPoints	Code	Qty	Price per/m
25/68	1000 per 10m	1048902	150	49.01
32/68	1000 per 10m	1048903	150	49.80
40/140	1000 per 10m	1048904	150	78.22
50/140	1000 per 10m	1048905	150	80.96
63/140	1000 per 10m	1048906	150	85.93
75/175	1000 per 10m	1048907	100	91.36
90/175	1000 per 10m	1048908	100	93.71
110/200	1000 per 10m	1048909	100	119.76

Ecoflex Cable Joiners



Used for jointing the Uponor Supra Plus cable in tees and other joints.

Description	Code	Qty	Price each
Termination Joint	1042310	1 set	70.75
Tee Joint	1042311	1 set	168.53
Straight/Elbow Joint	1042312	1 set	70.71

Ecoflex Supra Plus connection set



Set includes Supra Plus Control Unit, 2 rubber end caps, 5m sensor cable, fixing screws, cable connections and full instructions. Control unit requires 230V supply.

Description	Code	Qty	Price each
25+32/68	1048697	1	326.32
40+50+63/140	1048699	1	326.32
75/175	1048700	1	376.50
90/175	1048701	1	428.01
110/200	1048702	1	389.70

Ecoflex rubber end-cap set



Description	Code	Qty	Price each
Twin75+90/250	1088979	1	67.43
Twin40+50+63/200	1018307	1	53.91
Twin25+32+50/175	1018308	1	52.64
Twin25+32+40/175	1018309	1	47.75

Description	Code	Qty	Price each
Quattro	1018306	1	51.31

Ecoflex rubber end-cap set



Description	Code	Qty	Price each
125/250	1083869	1	73.13
75+90+110/200	1018310	1	53.39
90+110/175	1018311	1	67.26
63+75/175	1018312	1	49.04
50+63/200	1086685	1	60.59
32+40+50/175	1018313	1	49.04
40+50+63/140	1018314	1	40.85
25+32/140	1018315	1	38.35
25+32+40	1018316	1	30.24

Ecoflex end-cap



For above ground termination inside a building. Suitable for Single, Twin and Quattro pipes.

Description	Code	Qty	Price each
140mm	1045310	1	30.04
175mm	1045311	1	33.26
200mm	1045312	1	40.12

Uponor Wipex Fittings

Wipex male coupling, PN6



Used with the following piping systems: Thermo Single, Thermo Twin, Thermo Mini, Thermo PRO, Quattro and Supra. Compression fitting with male thread for connection.

Description	Code	Qty	Price each
25x1"	1018328	1	25.92
32x1"	1018329	1	28.50
40x1¼"	1018330	1	37.42
50x1¼"	1018331	1	50.27
63x2"	1018332	1	85.62
75x2"	1018333	1	118.83
90x3"	1018334	1	170.06
110x3"	1018335	1	211.74
125x4"	1078368	1	373.50

Wipex male coupling, PN10



Used with the following piping systems: Aqua Single, Aqua Twin and Quattro. Compression fitting with male thread for connection.

Description	Code	Qty	Price each
25x1"	1018336	1	26.92
32x1"	1018338	1	30.13
40x1¼"	1018339	1	37.47
50x1¼"	1018340	1	52.07
63x2"	1018341	1	82.02
75x2"	1018342	1	109.15
90x3"	1018343	1	156.21
110x3"	1023170	1	194.51

Wipex jointing equal PN6



Single fitting for joining two lengths of pipe together. For: Thermo Single, Thermo Twin, Thermo Mini, Thermo PRO, Quattro and Supra.

Description	Code	Qty	Price each
25mm	1042972	1	36.81
32mm	1042973	1	45.50
40mm	1042980	1	58.64
50mm	1042984	1	88.56
63mm	1042981	1	145.21
75mm	1042985	1	216.79
90mm	1042986	1	298.67
110mm	1042987	1	415.43
125mm	1078365	1	486.00

Wipex jointing equal PN10



Single fitting for joining two lengths of pipe together. For Aqua Single, Aqua Twin and Quattro.

Description	Code	Qty	Price each
25mm	1042970	1	36.51
32mm	1042974	1	46.91
40mm	1042979	1	58.69
50mm	1042983	1	89.15
63mm	1042982	1	145.47

Wipex T-piece



Used with the following piping systems: Aqua Single, Aqua Twin, Thermo Single, Thermo Twin, Thermo Mini, Quattro and Thermo PRO.

Description	Code	Qty	Price each
1"	1018345	1	27.28
1¼"	1018346	1	30.95
2"	1018347	1	62.85
3"	1018348	1	145.79
4"	1078367	1	166.51

Wipex 90° bend



Used with the following piping systems: Aqua Single, Aqua Twin, Thermo Single, Thermo Twin, Thermo Mini, Quattro and Thermo PRO.

Description	Code	Qty	Price each
1"	1018350	1	23.07
1¼"	1018351	1	28.86
2"	1018352	1	68.51
3"	1018353	1	126.37
4"	1078366	1	157.51

Wipex joint



Used with the following piping systems: Aqua Single, Aqua Twin, Thermo Single, Thermo Twin, Thermo Mini, Quattro and Thermo PRO.

Description	Code	Qty	Price each
1"	1018355	1	15.70
1¼"	1018356	1	21.36
2"	1018357	1	39.61
3"	1018358	1	57.16

Uponor Wipex Fittings

Wipex flange



Used with the following piping systems: Aqua Single, Aqua Twin, Thermo Single, Thermo Twin, Thermo Mini, Thermo Pro, and Quattro.

Description	Bolt Circle	Bolt Holes	Code	Qty	Price each
1"	85	4	1018359	1	60.97
1¼"	100	4	1018360	1	87.88
2"	125	4	1018362	1	168.52
3"	160	8	1018364	1	193.47
4"	100	8	1078370	1	236.25

Wipex reducer



Used with the following piping systems: Aqua Single, Aqua Twin, Thermo Single, Thermo Twin, Thermo Mini, Thermo Pro, and Quattro.

Description	Code	Qty	Price each
1¼"x1"	1018368	1	17.85
1½"x1¼"	1018369	1	18.69
2"x1"	1018371	1	46.68
2"x1¼"	1018372	1	38.70
3"x1"	1018374	1	88.91
3"x1¼"	1018375	1	69.92
3"x2"	1018376	1	73.88
4"x3"	1078369	1	129.38

Wipex swivel union



For connecting Wipex bodies together when installed in a chamber or H insulation set.

Description	Code	Qty	Price each
1"x1"	1045455	1	49.51
1¼"x 1"	1045456	1	54.00
1¼"x 1¼"	1045457	1	58.51
2"x 1¼"	1045458	1	64.13
2"x 2"	1045459	1	75.38
3"x 2"	1045460	1	123.75
3"x 3"	1045461	1	138.38

Uponor Ecoflex (Pre-insulated) Pipe Accessories

Ecoflex elbow insulation set



For sealing elbow connections of Single and Twin pipes in the trench. Comprises insulating half-shells, stainless steel bolts and sealant. Only to be used with Uponor rubber end caps!

Description	Code	Qty	Price each
200/175/140	1060985	1	383.66

Ecoflex T-insulation set



For sealing T-connections of Single and Twin pipes in the trench. Comprises insulating half-shells, stainless steel bolts and sealant. Only to be used with Uponor rubber end caps!

Description	Code	Qty	Price each
200/175/140	1060982	1	445.65

Ecoflex 'H' insulation set



For sealing connections of single main lines (flow and return) to twin outlet lines in the trench. Comprises insulating half-shells, stainless steel screws, plastic dowels and sealant. Only to be used with Uponor rubber end caps!

Description	Code	Qty	Price each
ONE SIZE	1007355	1	724.45

Ecoflex straight insulation



For sealing straight connections of Single and Twin pipes in the trench. Comprises insulating half-shells, stainless steel bolts and sealant. Only to be used with Uponor rubber end caps!

Description	Code	Qty	Price each
200/175/140	1060984	1	329.27

Ecoflex reducer ring



Used with 25mm and 32mm Ecoflex Thermo Mini and Supra pipes when connecting into insulation sets.

Description	Code	Qty	Price each
200/68	1060991	1	32.79

Ecoflex (Pre-insulated) Pipe Fittings, Components and Accessories

Ecoflex jacket joint set



For sealing the jacket when connecting pipes together or when connecting to pre-insulated steel fittings. Contains two heat shrink sleeves.

Description	Code	Qty	Price each
200/250	1084574	1	122.63
250/315	1083872	1	129.38

Ecoflex chamber with lid



Designed to accommodate pipe connections which cannot be made with an Uponor T-insulation set, e.g. for connecting Uponor Single to Twin pipes or for Uponor Quattro pipelines.

Lead-time typically 2 weeks.

Size 980 (d) x 685 (h) x 1660 (l), 50kg.

Description	Code	Qty	Price each
6x140/175/200	1018326	1	1,314.01
8x140/175/200	1018327	1	1,467.38

Ecoflex shrinkable sleeve for chamber



For sealing jacket pipe in the Uponor chamber outlet.

Description	Code	Qty	Price each
175mm	1018380	1	38.51
200mm	1018381	1	40.72

Ecoflex sealing tape for chamber



Description	Code	Qty	Price per/m
150mm	1018382	10m	11.97

Ecoflex entry sleeve NPW (Non-pressure waterproof)



With heat-shrinkable sleeve. Can be used wherever there is no pressurized water. Non pressure waterproof

Description	Code	Qty	Price each
68/110	1018267	1	48.98
140/175	1018269	1	53.65
175 & 200/250	1018268	1	65.34
250/315	1083871	1	90.01

Plasson coupling (to be used with Supra pipe only)



For main service take-off on Supra pipes.

Description	Code	Qty	Price each
25x3/4"	1018400	1	12.27
32x1"	1018401	1	15.77
40x1 1/4"	1018402	1	26.38
50x1 1/2"	1018403	1	40.39
63x2"	1018404	1	53.57
75x2 1/2"	1018405	1	100.49
90x3"	1018406	1	192.19
110x4"	1018407	1	229.12

Ecoflex trench warning tape



To mark position of buried pipes. Red, tear-proof plastic tape imprinted with 'Uponor' and symbols for trench identification.

Description	Code	Qty	Price each
Warning tape roll	1018385	250m	35.72

Ecoflex shrinkable tape



Shrinkable tape used for sealing damaged outer jacket.

Description	Code	Qty	Price per/m
255mm	1018378	30m	22.31

Uponor re-rounding pliers



Tool to assist the mounting of fittings by re-rounding the pipe end (125mm only).

Description	Code	Qty	Price each
125mm	1084142	1	336.39

Uponor

Build on Uponor with Ecoflex Thermo PRO

Ecoflex Thermo PRO is the new Pre-insulated pipe system from Uponor, which thanks to its unique construction provides unrivalled flexibility for its class. This solution is ideal for both commercial and residential applications.

New



General Tools and Accessories



Using our tools and accessories ensures full system warranty. That means we have tested the entire system range of pipes, fittings, and pressing jaws as a complete system.

Plumbing

- MLC Tools & Accessories _____ 100
- Q&E Tools & Accessories _____ 104

Underfloor Heating

- Tools and Accessories _____ 105

Plumbing - MLC Tools and Accessories

MLC Pipe cutting tool



Special pipe cutting pliers for Uponor MLC with an outer diameter of 12-25mm; with corrugated tube cutting attachment.

Description	Old Code	New Code	Qty	Price each
Pipe cutting pliers 12-25mm	1083646	1089674	1	NEW 25.80
Spare blades for cutting pliers		1089776	1	NEW 7.36

Pipe cutter



Pipe cutter for use with Uponor MLC.

Description	Old Code	New Code	Qty	Price each
Pipe cutter 12-40mm	1013719	1089677	1	NEW 25.82
Spare cutting blade for 1089677		1089779	1	NEW 9.89

Pipe cutting tool



Cutting tool for use with Uponor MLC.

Description	Old Code	New Code	Qty	Price each
Pipe cutting tool 25-63mm	1006634	1089675	1	NEW 31.93
Spare cutting disc	1006635	1089777	1	NEW 2.88
Pipe cutting tool 50-110mm	1014171	1089676	1	NEW 59.65
Spare cutting disc	1014173	1089778	1	NEW 4.95

MLC Bevelling tool 12-25



Installation tool for the bevelling of Uponor MLC. Supplied with turning handle (can also be used as cordless screwdriver attachment, see instructions).

Description	Code	Qty	Price each
12mm	1015837	1	28.07
16mm	1006830	1	9.93
20mm	1015749	1	10.29
25mm	1015756	1	11.85

MLC Bevelling tool 32-75



Installation tool for the bevelling of Uponor MLC. Supplied with turning handle (can also be used as cordless screwdriver attachment, see instructions).

Description	Code	Qty	Price each
32mm	1015762	1	16.32
40mm	1006638	1	24.34
50mm	1015808	1	27.69
63mm	1014339	1	34.06
75mm	1014344	1	44.76

MLC 3-size bevelling tool



Installation tool for the bevelling of Uponor MLC. **Not for use with RTM fittings.**

Description	Code	Qty	Price each
16/20/25mm	1015739	1	12.71

Universal deburring tool



For deburring all Uponor MLC pipes and PEX pipes. **Not for use with RTM fittings.**

Description	Code	Qty	Price each
All sizes	1060167	1	11.25

MLC Inside bending spring



Bending spring for use with Uponor MLC.

Description	Code	Qty	Price each
12mm	1013726	1	3.47
16mm	1013729	1	2.30
20mm	1013734	1	2.36
25mm	1013737	1	3.91
32mm	1013739	1	4.83

MLC Outside bending spring



Bending spring for use with Uponor MLC.

Description	Code	Qty	Price each
16mm	1006640	1	3.21
20mm	1013792	1	2.89
25mm	1013794	1	3.95

MLC Bending tool 16-32mm



Bending tool for producing series of identical curves in Uponor MLC, supplied in carrying case complete with set of bending inserts.

Description	Code	Qty	Price each
16,20,25,32	1071925	1	172.50

Press Battery pressing tool UP110



Supplied in carrying case, complete with battery and charger unit. Range of application: 16-110mm.

Description	Code	Qty	Price each
Press tool	1083612	1	997.21
Spare battery 12V/3Ah	1083608	1	67.58
Battery charger	1083610	1	75.59

Plumbing - MLC Tools and Accessories

Pressing jaws



Jaws for use with Uponor MLC press fittings, for use with UP110.

Description	Code	Qty	Price each
16mm	1007084	1	60.75
20mm	1007086	1	60.75
25mm	1007087	1	63.43
32mm	1007088	1	63.43
40mm	1015768	1	98.39
50mm	1015792	1	104.87

Pressing chain



Pressing chain for use with 63-110mm Uponor MLC Press Fittings, to be used in conjunction with UP110 pressing tool and base pressing unit.

Description	Code	Qty	Price each
63mm pressing chain	1046541	1	422.60
75mm pressing chain	1046542	1	429.48
90mm pressing chain	1046543	1	555.45
110mm pressing chain	1046544	1	601.31

Base pressing unit (UP110)



Description	Code	Qty	Price each
63-110mm base pressing unit	1046545	1	166.82

Mini 32 Pressing Tool for MLC



An alternative to the existing UP110 battery pressing tool, the Mini 32 can press all existing metal and composite press fittings from 12mm up to 32mm, without the need for external power (External power needed to charge batteries).

Note: Cannot be used with Uponor MLC Modular fittings.

Description	Code	Qty	Price each
Press Tool (excl. jaw sets)	1083674	1	747.46
Spare Battery 9.6V/2.0Ah	1083605	1	78.35
Spare re-charging unit	1083610	1	75.59

Mini 32 jaw set



To be used with Mini 32. **Note: Cannot be used with Uponor MLC Modular fittings.**

Description	Code	Qty	Price each
12mm	1007089	1	74.53
16mm	1007091	1	74.53
20mm	1007093	1	74.53
25mm	1007094	1	79.36
32mm	1007095	1	79.36

Manual pressing tool



Designed for use with Uponor MLC 16-20mm press fittings (in conjunction with inserts for manual pressing tool). Supplied in carrying case without inserts for pressing tool.

Description	Code	Qty	Price each
16-20mm	1015764	1	192.19

Press Inserts for manual pressing tool



For fitting to the manual pressing tool for the handling of 16-20mm Uponor MLC press fittings.

Description	Code	Qty	Price each
16mm	1015777	1	38.66
20mm	1015780	1	38.66

MLC Pressure test plug



Reusable plug with 1/2" FT designed for pressure-testing of Uponor MLC installations.

Description	Code	Qty	Price each
12mm	1013752	10	3.74
16mm	1013756	10	2.05
20mm	1013760	10	2.14
25mm	1013762	10	2.22
32mm	1013764	5	4.97
40mm	1013765	2	13.04

Wipex pliers



Used for easier opening of the Wipex sleeve.

Description	Code	Qty	Price each
Wipex pliers NEW	1046407	1	17.05

Plumbing - Q&E PEX Tools and Accessories

Q&E M12 Milwaukee expander tool set



Includes 1x 230V, 50Hz fast battery charger, 2x12V /1.5Ah Li-ion Batteries, 1x 100g tube of Molykote tool lubricant, 1x operation manual, 1x lightweight plastic case. Expander heads included 16/20/25.

***Expander heads not included, to be purchased separately.**

Description	Code	Qty	Price each
M12 Expander tool Set	1057166	1	288.33
*9.9mm head	1060702	1	35.88
*12mm head	1057171	1	35.88
16mm head	1057172	1	35.88
20mm head	1057173	1	35.88
25mm head	1057175	1	35.88
M12 battery 3.0Ah	1061185	1	73.73

Q&E M18 Milwaukee expander tool set



Includes 1x 230V, 50Hz fast battery charger, 2x 18V /2.0Ah Li-ion Batteries, 1x 50g tube of Molykote tool lubricant, 1x operation manual, 1x lightweight plastic case. Expander heads included: 16/20/25/32mm.

Description	Code	Qty	Price each
M18 Expander tool Set	1063908	1	554.58
16mm head	1057172	1	35.88
20mm head	1057173	1	35.88
25mm head	1057175	1	35.88
32mm head	1057177	1	37.98

Q&E M18 VLD Milwaukee expander tool



Includes Uponor Q&E M18 VLD Milwaukee Expansion Tool PEX 40-75, Side handle, 2x 18V Li-ion 5.0Ah battery packs, M12 – M18 Charger, 150g Expansion Cone Grease, 1x operation manual, 1x lightweight plastic case.

***Expander heads not included, to be purchased separately.**

Description	Code	Qty	Price each
M18 VLD Expander tool	1085099	1	1,298.61
*40mm head	1085095	1	226.14
*50mm head	1085096	1	226.14
*63mm head	1085097	1	226.14

Q&E Graphite paste



For use with Q&E expander to tools.

Description	Code	Qty	Price each
30g tube	1008334	1	4.64

UFH - Tools and Accessories

PEX Plastic pipe cutters



Cost effective evalPEX pipe cutters to leave the perfect jointing finish.

Description	Old Code	New Code	Qty	Price each
Pipe cutter 12-25mm	1001369	1089673	1 pce.	NEW 13.87

Pipe and conduit cutter



This tool is specially designed for cutting pipe-in-conduit. Conduit cutter is guarded to prevent damage to the pipe inside the conduit. Maximum pipe diameter 25mm.

Description	Old Code	New Code	Qty	Price each
Cutter	1009031	1089674	1 pce.	NEW 25.80
Spare blade		1089776	1 pce.	NEW 7.36

Polystyrene hot cutter



Ideal for use when installing floating floor panels to cut extra grooves and channels in the insulation. Supplied head cuts 16mm groove. Optional 20mm head available (1002072).

Description	Code	Qty	Price each
230V	1006290	1 pce.	109.96

Siccus 20 polystyrene hot cutter head



Optional 20mm head only for cutting extra pipe channels into Comfort Pipe Plus (PEX 20) floating floor panels to fit 20mm diameter pipe. For connection to polystyrene hot cutter 1006290 230V.

Description	Code	Qty	Price each
20mm head	1002072	1 pce.	47.73

Tacker kombi gun



For all Uponor pipe from 16mm to 20mm (multi-layer composite pipe and cross-linked polyethylene pipe) to all common UK insulation boards. For use with Kombi Klips 1086529 and 1086530.

Description	Code	Qty	Price each
Kombi Gun	1002295	1 pce.	129.47

UFH - Tools and Accessories

Uponor tape



Wide tape for sealed joining of Uponor insulation products.
 Roll width: 50mm
 Roll Length: 66m

Description	Code	Qty	Price each
Width 50mm x Length 66m	1000012	1 roll	5.19

Uponor tape dispenser



For taping of insulation sections and edges.
 For use with tape 1000012

Description	Code	Qty	Price each
Tape dispenser	1000142	1 pce.	26.47

Pipe de-coiler



Suitable for both evalPEX and MLC pipes. Includes coil retention arms and de-coiling eyelet. Can be used for all diameters up to 25mm.

Description	Code	Qty	Price each
De-coiler	1058662	1 set	208.86

MLC Pipe straightener



For the fast, simple, straight alignment of Uponor MLC supplied in coils (16mm to 32mm). Adjustable to the desired size. Can be used in combination with the Uponor MLC uncoilers.

Description	Code	Qty	Price each
Pipe straightener	1010512	1	180.51

Uponor Accreditations



Join the conversation...



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Uponor - Conditions of Sale

1. Interpretation

In these conditions-Buyer; means the company, firm, body or person buying the Goods and/or services or whose order for the Goods and/or Services is accepted by the Supplier;

Conditions means the terms and conditions set out in this document and include any special terms and conditions agreed in writing between the Buyer and the Supplier; any special terms shall prevail;

Contract means the contract for the sale of the Goods and/or Services to be provided by the Supplier pursuant to the Contract;

Goods mean the goods the Supplier agrees to supply; Services means the Services the Supplier agrees to supply;

Supplier means Uponor Limited or any other Uponor Group Company Writing includes fax, e-mail and other comparable means of communication

1.2 Any reference in these conditions to any provision of a statute shall be construed as a reference to that provision as amended, re-enacted or extended at the relevant time.

1.3 Any reference to any English legal concept or term shall, where relevant, be deemed to apply to the nearest analogous concept or term in any other jurisdiction.

2. Basis of the Sale

2.1 The Supplier shall sell the Goods and/or Services in accordance with any written quotation of the Supplier which is accepted by the Buyer or written order of the Buyer which is accepted by the Supplier, subject in either case to these Conditions, which shall govern the Contract to the exclusion of any other terms and conditions.

2.2 No variation to these Conditions shall be binding unless agreed in Writing by an authorised representative (Director / Company Secretary) of the Supplier.

2.3 Any typographical, clerical or other error or omission in any sales literature, quotation, price list, acceptance of offer, invoice or other document or information issued by the Supplier shall be subject to correction without any liability on the part of the Supplier.

3. Orders and Specifications

3.1 No order submitted by the Buyer is accepted by the Supplier unless confirmed in Writing by the Supplier's authorised representative or delivery of the Goods and/ or Services by the Supplier.

3.2 The Buyer is responsible for ensuring the accuracy of the terms of any order (including any applicable specification) and for giving the Supplier any necessary information relating to the Goods and/or Services within a sufficient time to enable the Supplier to perform the Contract in accordance with its terms.

3.3 The quantity, quality and description of and any specification for the Goods and/ or Services are those set out in the Supplier's quotation or the Buyer's order (to the extent accepted by the Supplier).

3.4 If the Goods are to be manufactured or any process is to be applied to the Goods by the Supplier in accordance with a specification submitted by the Buyer, the Buyer shall indemnify the Supplier against all loss, damages, costs and expenses incurred by the Supplier in connection with any claim for infringement of any patent, copyright, design, trade mark or other intellectual property rights. The Supplier gives no warranty that any Goods based on the specification of the Buyer will be fit for their intended purpose.

3.5 The Supplier may make any changes in the specification of the Goods and/ or Services which are required to conform to any applicable statutory or EC requirements or which do not materially affect their quality or performance.

3.6 No order which has not been accepted by the Supplier may be cancelled by the Buyer, except with the agreement in Writing of the Supplier and on terms that the Buyer indemnifies the Supplier in full against all loss (including loss of profit), costs (including the cost of all labour and materials used), damages, charges and expenses incurred by the Supplier as a result of cancellation.

3.7 All drawings, designs, specifications and other information provided by the Supplier are confidential and all rights of copyright ownership and other intellectual property rights in respect of them shall remain vested in the Supplier and shall not pass to the Buyer.

4. Price of Goods

4.1 The price of the Goods and/or Services shall be the price specified on the Supplier's confirmation of order or, if none, the price specified in the Supplier's quotation or, if none, the Supplier's published price list current at the date of supply of the Goods and/or Services shall apply.

4.2 The Supplier may vary the price of the Goods and/or Services at any time before delivery to reflect any change in the cost to the Supplier which is due to any factor beyond the control of the Supplier (including, without limitation, foreign exchange fluctuation, currency regulation, increase in the costs of labour, materials or other costs of manufacture), any change in delivery dates, quantities or specifications for the Goods and/or Services which is requested by the Buyer, or any delay caused by any instructions of the Buyer or failure of the Buyer to give the Supplier adequate information or instructions.

4.3 All prices are given by the Supplier on an ex works basis and exclude VAT and other duties and the Buyer shall be liable to pay those duties and (subject to condition 6.6) the Supplier's charges for transport, packaging and insurance.

4.4 The Supplier may sue the Buyer for the price of the Goods, notwithstanding that title to them has not passed to the Buyer.

5. Terms of Payment

5.1 The Supplier may invoice the Buyer at any time for the price of the Goods and/or Services or part of it and, without limitation, may invoice the Buyer in respect of any instalment of an order. Unless the Supplier specifies otherwise (in writing), the Buyer shall pay the invoice (in full without any set off, deduction or counterclaim) within 30 days of the end of the calendar month in which the invoice is dated. Time of payment of the price shall be of the essence of the Contract.

5.2 If the Buyer fails to make any payment by the due date or the Supplier has reasonable grounds for believing that the Buyer will not make any payment then, without prejudice to any other right or remedy available to the Supplier, the Supplier may cancel the Contract or suspend any further deliveries to the Buyer.

5.3 If the Buyer fails to make any payment on the due date then without prejudice to any other right or remedy available to the Company the Company shall be entitled to charge the Buyer interest (both before and after any judgment) on the amount unpaid at the rate of 8% per annum above Bank of England base rate from time to time until payment is made (a part of a month being treated as a full month for the purpose of calculating interest).

6. Delivery, Returns and Performance

6.1 Unless otherwise agreed in writing by the parties, delivery of the Goods shall be made by the Supplier "ex works" as that term is defined in "Incoterms" -the international rules for the interpretation of trade terms of the International Chamber of Commerce sales dated 2000. A cost for delivery will be provided by the supplier to the buyer in each and every instance.

6.2 Any dates quoted for delivery of the Goods and/or Services are approximate only, and the Supplier shall not be liable for any delay in delivery of the Goods and/or Services.

6.3 If the Buyer fails to take delivery of the Goods or fails to give the Supplier adequate delivery instructions then, without prejudice to any other right or remedy available to the Supplier, the Supplier may store the Goods until actual delivery and charge the Buyer for the reasonable costs (including insurance) of storage and/or sell the Goods at the best price readily obtainable and (after deducting all reasonable storage and selling expenses) account to the Buyer for the excess over the price under the Contract or charge the Buyer for any shortfall below the price under the Contract.

6.4 The Buyer shall comply with all laws governing the importation of the Goods into the country of destination.

6.5 Minimum individual order value to include free delivery is >£500.00 net (or currency equivalent & excluding VAT). Please contact the supplier for any orders below this value for delivery costs. This term excludes Ecoflex pipe systems (see item 6.9 below) and any other items not included within our price guide.

6.6 Delivery of the goods that are requested direct to site or another third party address, will be subject to additional surcharges over and above delivery costs.

6.7 Where a next day service is required, customers should contact the supplier for a delivery charge quotation for each and every order.

6.8 For deliveries of Ecoflex pipe systems, no returns are allowed and the buyer needs to request a delivery cost from the supplier for each and every order

6.9 Retention to title: Goods remain the property of Uponor Limited until paid for in full. Any query regarding this delivery should be notified in writing to Uponor Limited within 3 working days of receipt of the goods. As signed for proof of delivery (from whom ever signs) will be deemed as acceptance of the goods as listed and in good condition.

6.10 No returns will be allowed without prior approval from the supplier.

6.11 All prices are based on ex-works Worcester, UK and delivery costs will be additional to prices quoted.

7. Risk and Property

7.1 Risk of damage to or loss of the Goods shall pass to the Buyer at the time of delivery or, if the Buyer wrongfully fails to take delivery the time when the Supplier has tendered delivery of the Goods. The Buyer should insure the Goods accordingly.

7.2 Notwithstanding delivery and the passing of risk in the Goods, or any other provision of these Conditions, the property in the Goods shall not pass to the Buyer until the Supplier has received in cash or cleared funds payment in full of the price of the Goods and all other goods and services agreed to be sold by the Supplier to the Buyer for which payment is then due.

7.3 Until such time as the property in the Goods passes to the Buyer, the Buyer shall hold the Goods as the Supplier's fiduciary agent and bailee, and shall keep the Goods separate from those of the Buyer and third parties and properly stored, protected and insured and identified as the Supplier's property, and shall not be entitled to dispose of the Goods.

- 7.4 Until such time as the property in the Goods passes to the Buyer, the Supplier may at any time require the Buyer to deliver up the Goods to the Supplier and, if the Buyer fails to do so forthwith, enter upon any premises of the Buyer or any third party where the Goods are stored and repossess the Goods.
- 8. Warranties and Liability**
- Warranties**
- 8.1 Subject to the conditions set out below, the Supplier warrants that the Goods will correspond with their specification at the time of delivery and will be free from defects in material and workmanship for a period of 12 months from purchase (with accompanying proof of purchase).
- 8.2 This warranty is given by the Supplier subject to the following conditions:
- 8.2.1 The Supplier shall be under no liability in respect of any defect arising from any drawing, design or specification supplied by the Buyer;
- 8.2.2 The Supplier 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 Supplier's instructions (whether oral or in Writing), misuse or alteration or repair of the Goods without the Supplier's approval;
- 8.2.3 This warranty does not extend to parts, materials or equipment not manufactured by the Supplier, in respect of which the Buyer shall only be entitled to the benefit of any such warranty or guarantee as is given by the manufacturer to the Supplier.
- 8.3 Subject as expressly provided in these Conditions, all warranties, conditions or other terms implied by statute or common law are excluded to the fullest extent permitted by law. Without limitation, the Supplier does not warrant the accuracy or otherwise of any design, drawing, specification, instructions, other information or advice that it provides as part of the Services and/or as ancillary information in relation to the Goods.
- 8.4 Any claim by the Buyer which is based on any defect in the quality or condition of the Goods or their failure to correspond with specification shall be notified in writing to the Supplier within 7 days of delivery or (where the defect or failure was not apparent on reasonable inspection) within a reasonable time after discovery of the defect or failure, but, in any event, within 12 months of purchase (with accompanying proof of purchase). If delivery is not refused, and the Buyer does not notify the Supplier accordingly, the Buyer may not reject the Goods and the Supplier shall have no liability and the Buyer shall pay the price as if the Goods had been delivered in accordance with the Contract.
- 8.5 Where any valid claim is made in accordance with this Clause 8, the Supplier may replace or repair the Goods (or the part in question) or re-supply the Services (or the part in question) free of charge or, at the Supplier's sole discretion, refund to the Buyer the price of the Goods or Services (or part of it), but the Supplier shall have no further liability to the Buyer.
- General Liability**
- 8.6 Notwithstanding anything else in this Contract, neither party's liability in respect of death or personal injury caused by that party's negligence shall be limited.
- 8.7 The Supplier shall not be liable to the Buyer for loss of contracts, profits, anticipated savings, revenue, business, stoppage to other work or indirect or consequential loss (whether caused by the negligence of the Supplier, its employees or agents or otherwise) in connection with this Contract.
- 8.8 Notwithstanding any other provision in the Contract except Condition 8.5, the entire liability of the Supplier under or in connection with the Contract shall not exceed the sum paid to the Supplier by the Buyer for the Goods or the Services (or both, where both Goods and Services are to be supplied) which are the subject of the claim in question by the Buyer.
- 8.9 The Supplier shall not be liable for any breach of its obligations to the extent that the Supplier is prevented or hindered from complying with them by "Force Majeure".
- 8.10 "Force Majeure" means any cause beyond the reasonable control of the Supplier including (without limitation) strikes, lock-outs, labour.
- 9. Insolvency of Buyer**
- 9.1 Without prejudice to any other right or remedy available to the Supplier, the Supplier may cancel the Contract or suspend any further deliveries without any liability to the Buyer, if:
- 9.1.1 the Buyer is unable to pay its debts, makes any voluntary arrangement with its creditors or (being an individual or firm) becomes bankrupt or (being a company) becomes subject to an administration order or goes into liquidation; or
- 9.1.2 an encumbrancer takes possession, or a receiver is appointed, of any of the property or assets of the Buyer; or
- 9.1.3 the Buyer ceases, or threatens to cease, to carry on business; or
- 9.1.4 the Supplier reasonably believes that any of the foregoing events is about to occur in relation to the Buyer and notifies the Buyer accordingly.
- 9.2 If the Goods and/or Services have been delivered but not paid for and the Supplier cancels the Contract under Conditions 5.2 and/or 9, the price shall become immediately due and payable notwithstanding any previous agreement or arrangement to the contrary.
- 10. Non-standard Orders**
- 10.1 Where the Buyer orders Goods or materials of a type, size or quality not normally produced by the Supplier or Services not normally performed by the Supplier, the Supplier shall use all reasonable endeavours to execute the order but, without prejudice to any other provision limiting the Supplier's liability, if it proves impossible, impracticable or uneconomical to carry out or complete the order, the Supplier may cancel the Contract or the uncompleted balance of it without penalty and the Buyer shall only be liable to pay for the part of it actually delivered or performed.
- 11. Export Sales**
- 11.1 Subject to Condition 6.1, where Goods are sold on the basis of international trade terms, they shall be defined in accordance with "Incoterms" - the international rules for the interpretation of trade terms of the International Chamber of Commerce sales dated 2000.
- 11.2 Where Goods are sold FOB, the Supplier shall not be required to give the Buyer the notice specified in Section 32(3) of the Sale of Goods Act 1979.
- 11.3 Unless otherwise agreed by the Supplier in Writing, the price of the Goods and/or Services shall be secured by an irrevocable letter of credit satisfactory to the Supplier and established by the Buyer in favour of the Supplier immediately upon receipt of the Supplier's confirmation of order form and confirmed by a United Kingdom bank acceptable to the Supplier. The letter of credit shall be for the price payable plus any duties and taxes payable to the Supplier and shall be valid for the longer of six (6) months or any period estimated by the Supplier for delivery of the Goods and/or Services.
- 12. Packing**
- 12.1 Unless otherwise agreed in Writing by the parties, the price specified by the Supplier excludes the cost of packing cases and packing materials, for which the Buyer shall be additionally liable. If the Supplier notifies the Buyer that packing cases and/or materials are returnable, then the full cost of these is payable by the Buyer if the Buyer does not return them in good condition to the Supplier either (at the Supplier's option) carriage paid or in the Supplier's vehicle within three (3) months of their delivery to the Buyer. Where not returnable, the Buyer will dispose of all packing in accordance with the regulations (whether statutory or otherwise) relating to the protection of the environment.
- 12.2 The Supplier shall use all reasonable endeavours to ensure, where necessary, the appropriateness of packing before despatch, but the Supplier shall not be liable for any damage to or loss of Goods between despatch from the Supplier and delivery in accordance with this Contract.
- 13. General**
- 13.1 The Supplier may perform any of its obligations or exercise any of its rights under this Contract through any other member of its group.
- 13.2 The Buyer may not assign any of its rights or obligations or mortgage, charge (otherwise than by floating charge) any of its rights under this Agreement without the prior written consent of the Supplier.
- 13.3 Each party acknowledges that, in entering into this Contract, it does not do so on the basis of and does not rely on any representation, warranty or other provision except as expressly provided in this Contract and all conditions, warranties or other terms implied by statute or common law are excluded. This condition shall only apply to the extent permitted by law.
- 13.4 Any notice required or permitted to be given by either party to the other shall be in Writing addressed to that other party at its registered office or principal place of business or such other address as may at the relevant time have been notified pursuant to this provision to the party giving the notice.
- 13.5 No waiver by the Supplier of any breach of the Contract by the Buyer shall be considered as a waiver of any subsequent breach of the same or any other provision.
- 13.6 If any provision of the Contract is held by any competent authority in UK law to be invalid or unenforceable in whole or in part the validity of the other provisions of the Contract and the remainder of the provision in question shall not be affected.
- 13.7 A person who is not a party to the Contract has no rights under the Contracts (Rights of Third Parties) Act 1999 to enforce any term of the Contract.
- 13.8 The Contract shall be governed by and construed in accordance with the laws of England, and the parties submit to the non-exclusive jurisdiction of the English courts.
- 13.9 When supplied as B2B EEE the producer invokes regulation 9.2 and passes all WEEE obligations to the end user.

Uponor Limited ("Uponor") guarantees [to the original purchaser/customer] that pipes and fittings sold by it are free of defects in materials or manufacture under normal conditions of use for a period of 25 years and in case of electrical and mechanical products for 2 years from the date of installation. This guarantee only applies to the products stored, installed, tested and operated in accordance with the fitting instructions issued by Uponor and valid at the time the products were installed.

Where a claim is made during the guarantee period and products are proven to be defective in materials and/or manufacture at the time of delivery, Uponor will supply replacement products free of charge. This is the exclusive remedy under this guarantee.

Uponor disclaims any warranty or guarantee not expressly provided for herein, including any implied warranties of merchantability or fitness for a particular purpose. Uponor further disclaims any and all responsibility or liability for losses, damages and expenses, including special, direct, indirect, incidental and consequential damages, whether foreseeable or not, including without limitation any loss of time or use or any inconvenience arising from the ownership, installation or use of the products sold hereunder.

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Uponor Limited

The Pavilion,
Blackmoor Lane,
Watford,
Hertfordshire,
WD18 8GA

T 01923 927000

F 01923 223760

E enquiries.uk@uponor.com

W www.uponor.co.uk

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