

Trade Price List 1st March 2021

Above Ground Systems

wavin **Hep₂O OSMA**

www.wavin.co.uk

wavin

Pack quantity notice

Products which are supplied in pack multiples, but can also be ordered in singles are highlighted in a darker shade as follows:

Pack qty
5
5
5
5



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All 110/160mm soil and drain pipe is manufactured using Wavin's Recycore Technology. The pipe contains over 50% recycled material but has exactly the same performance and handling characteristics as virgin pipe.

Introduction to



Osma Above Ground Drainage systems, form part of a comprehensive range of plastic systems to provide intelligent solutions for all building, construction and utilities projects.

Key to abbreviations

B	Black	E	Olive
N	Brown	W	White
G	Grey	AG	Anthracite Grey

P/E – Pipe and fittings with both ends plain or with one plain end and one special end.

S/S – Pipe and fittings with one or more ring-seal or push-fit sockets, but always one plain or special end.

D/S – Fittings with ring-seal or push-fit sockets at all ends.

S/SW – Fittings with one or more ring-seal sockets but always one solvent socket.

SW/S – Fittings with one or more solvent sockets and one plain or special end.

D/SW – Fittings with solvent sockets at all ends.

Symbols

British Standards Kitemark

Identifies pipe and fittings manufactured under the BSI Kitemark Certification Scheme.

British Board of Agrément

BBA Logo Identifies non-Kitemarked fittings covered by a British Board of Agrément Certificate.

WRAS Water Regulations Advisory Scheme

Identifies pipe and fittings that are WRAS approved.

Important notes:

All Osma Soil, Waste and Overflow fittings must be ordered in their pack multiples as illustrated in price list, unless the pack quantity is highlighted in a darker shade which indicates they can be ordered in singles.

Product photos are for example only and not representative of every fitting size.

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Acceptance

a) British Standards Institution

♥ Osma Above Ground Drainage Systems comply, where applicable, with the requirements of the following British Standards:

BS 4576: Part 1: 1989 - Half-round gutters and pipes of circular cross section.

BS EN 1329-1: 2000, BS 4514: 2001 - Unplasticized PVC soil and ventilating pipes, fittings and accessories.

BS EN 1451-1: 2000 - Polypropylene waste pipe and fittings.

BS 5255: 1989 - Thermoplastics waste pipe and fittings.

BS EN 1566-1: 2000 – Plastic piping systems for soil and waste discharge (low and high temperature) within the building structure - Chlorinated poly (vinyl chloride) (PVC-C).

BS 6209: 1982 - Solvent cement for non pressure thermoplastics pipe systems.

BS EN 607: 2004 - Eaves, gutters and fittings made of PVC-U definitions, requirements and testing.

BS EN 1462: 2004 - Brackets for eaves gutters: requirements and testing.

BS EN 12200-1: 2000 - Plastics rainwater piping systems for above ground external use - unplasticized Poly Vinyl Chloride (PVC-U) - Part 1 specifications for pipes, fittings and the system.

BS EN 1455-1: 2000 - Plastic piping systems for soil and waste (low and high temperature) within the building structure - Acrylonitrile-butadiene-styrene (ABS).

BS EN 12380:2002 - Air admittance valves for drainage systems. Requirements, test methods and evaluation of conformity.

BS 5254:1976 - Specification for polypropylene waste pipe and fittings (external diameter 34.6 mm, 41.0 mm and 54.1 mm).

BS EN 1453-1:2000 - Plastics piping systems with structured-wall pipes for soil and waste discharge (low and high temperature) inside buildings. Unplasticized poly (vinyl chloride) (PVC-U). Specifications for pipes and the system.

b) British Board of Agrément

▲ The OsmaSoil system has been awarded the following certificates:

86/1643 OsmaVent 110 and OsmaVent 40 Air Admittance Valves.

89/2174 OsmaSoil 110mm Adjustable Bends.

c) WRAS

Hep2O is approved (certificate 1312005) – deemed safe for use in the supply of drinking water.

The Silicone Lubricant Spray has WRAS approval for use with potable water.



All 110/160mm soil and drain pipe is manufactured using Wavin's Recycore Technology.

The pipe contains over 50% recycled material but has exactly the same performance and handling characteristics as virgin pipe.

Osma RoundLine

Rainwater half round domestic – PVC-U

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
Gutter					
	Gutter – 2.0m				
	▽	112	OT072B	5	23.05
	▽	112	OT072G	5	23.05
	▽	112	OT072W	5	23.05
	▽	112	OT072N	5	23.05
	Gutter – 4.0m				
	▽	112	OT074B	5	46.03
	▽	112	OT074G	5	46.03
	▽	112	OT074W	5	46.03
	▽	112	OT074N	5	46.03
Gutter Union and Brackets					
	Gutter Jointing Bracket				
	▽	112	OT005B	10	8.22
	▽	112	OT005G	5	8.22
	▽	112	OT005W	5	8.22
	▽	112	OT005N	5	8.22
	Gutter Union				
	▽	112	OT009B	10	11.07
	▽	112	OT009G	5	11.07
	▽	112	OT009W	5	11.07
	▽	112	OT009N	5	11.07
	Gutter Support Bracket				
	▽	112	OT019B	40	3.65
	▽	112	OT019G	20	3.65
	▽	112	OT019W	40	3.65
	▽	112	OT019N	20	3.65
	Gutter Bracket Spacer				
	– 21mm projection	–	OT044B	20	4.49
	Angled Bracket Spacer				
		–	OT045B	10	9.92
Outlets and Stopends					
	Running Outlet				
	– straight				
	▽	112	OT624B	5	16.92
	▽	112	OT624G	5	16.92
	▽	112	OT624W	5	16.92
	Swivelock Running Outlet				
	– with fitted offset bend				
	▽	112	OT624N	5	16.92
		112	OT625B	2	25.55
	Stopend Outlet				
	▽	112	OT007B	5	20.61
	▽	112	OT007G	5	20.61
	▽	112	OT007W	5	20.61
	▽	112	OT007N	5	20.61
	Stopend – internal				
	▽	112	OT010B	5	5.30
	▽	112	OT010G	5	5.30
	▽	112	OT010W	5	5.30
	▽	112	OT010N	5	5.30

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Stopend – external				
	▽	112	OT011B	10	6.83
	▽	112	OT011G	5	6.83
	▽	112	OT011W	5	6.83
	▽	112	OT011N	5	6.83
Gutter Angles					
	Angle – 90°				
	▽	112	OT003B	5	15.86
	▽	112	OT003G	5	15.86
	▽	112	OT003W	5	15.86
	▽	112	OT003N	5	15.86
	Angle – 60°				
	▽	112	OT016B	5	21.85
	Angle – 45°				
	▽	112	OT004B	5	20.74
	▽	112	OT004G	5	20.74
	▽	112	OT004W	5	20.74
	▽	112	OT004N	5	20.74
	24° – 150° Multi-angle				
	▽	112	OT002B	1	89.46
	Fabricated angles to order				
		112	OT999B	1	86.51
		112	OT999G	1	86.51
		112	OT999W	1	86.51
		112	OT999N	1	86.51
	Leaf Guard				
	Leaf Guard – 10 no. x 500mm	–	OT017B	1	48.76
Connectors to Metal and PVC–U Gutters					
	Connector to 4" or 4.5" CI Half-round Gutter				
	▽	112	OT008B	10	18.59
	Connector to 4.5" CI Ogee Gutter – LH				
	▽	112	OT014B	5	31.84
	Connector to 4.5" CI Ogee Gutter – RH				
	▽	112	OT015B	5	31.84
Rise and Fall Brackets and Spikes					
	Bow and Pin				
	– for Rise and Fall Brackets	112	OT914B	10	15.69
	(for use with Build-in or Drive-in Spikes)	112	OT914G	10	15.69
		112	OT914W	10	15.69
		112	OT914N	10	15.69
	Build-in Spike				
	– 200mm long	–	OT985B	10	11.16
	– 300mm long	–	OT986B	10	16.77
	Drive-in Spike				
	– 200mm long	–	OT988B	10	9.30
	– 300mm long	–	OT989B	10	12.50

Osma RoundLine

Rainwater half round domestic – PVC-U

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
Rafter Brackets (PVC coated steel)					
	Top Rafter Bracket – 300mm long	112	OT745B	20	19.25
	Side Rafter Bracket – 300mm long	112	OT746B	20	20.84
Rafter Bracket (BZP)					
	Adjustable Top Rafter Bracket – 300mm long	–	OT147G	20	24.02
	Adjustable Side Rafter Bracket – 300mm long	–	OT148G	20	22.18
Rafter Bracket (galvanised)					
	Top Rafter Bracket – 300mm long galvanised	112	OT245B	5	19.58
	Side Rafter Bracket – 300mm long galvanised	112	OT246B	5	19.58
Pipe					
	P/E Pipe – 2.0m				
	▽	68	OT082B	5	25.85
	▽	68	OT082G	5	25.85
		68	OT082N	5	25.85
	P/E Pipe – 2.75m				
	▽	68	OT086B	5	35.57
	▽	68	OT086G	5	35.57
	▽	68	OT086W	5	35.57
	▽	68	OT086N	5	35.57
	▽ NEW COLOUR	68	OT086AG	5	35.57
	P/E Pipe – 4.0m				
	▽	68	OT084B	5	51.66
	▽	68	OT084G	5	51.66
	▽	68	OT084W	5	51.66
	▽	68	OT084N	5	51.66
	▽ NEW COLOUR	68	OT084AG	5	51.66
	P/E Pipe – 5.5m				
	▽	68	OT088B	5	67.47
	▽	68	OT088G	5	67.47
	▽	68	OT088W	5	67.47
	▽	68	OT088N	5	67.47
	▽ NEW COLOUR	68	OT088AG	5	67.47

Note: Anthracite Grey (AG) gutter available in DeepLine profile only.

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
Pipe and Socket Brackets					
	Pipe or Socket Bracket				
	▽	68	OT033B	10	9.06
	▽	68	OT033G	5	9.06
	▽	68	OT033W	5	9.06
	▽ NEW COLOUR	68	OT033AG	5	9.06
	Pipe Bracket				
	▽	68	OT034B	20	6.31
	▽	68	OT034G	5	6.31
	▽	68	OT034W	5	6.31
	▽	68	OT034N	5	6.31
	▽ NEW COLOUR	68	OT034AG	5	6.31
	Socket Bracket				
	▽	68	OT038B	10	7.40
	▽	68	OT038G	10	7.40
	▽	68	OT038W	10	7.40
	▽	68	OT038N	10	7.40
	▽	68	OT038AG	10	7.40
	Drive-in Pipe Bracket				
	▽	68	OT143B	10	21.04
	Pipe Bracket Spacer – for use with OT033	68	OT031B	10	3.00
	Bracket Extension Piece – for use with OT033	68	OT030B	5	3.52
Connectors and Adaptors					
	Pipe Connector				
	▽	68	OT024B	5	7.71
	▽	68	OT024G	5	7.71
	▽	68	OT024W	5	7.71
	▽	68	OT024N	5	7.71
	▽ NEW COLOUR	68	OT024AG	5	7.71
	Connector to 2.5" CI RW pipe	68	OT092B	5	19.05
	Rainwater Adaptor – 68mm pipe to 110mm PVC–U drain	–	4S149	10	16.08
	Rainwater Adaptor – 68mm pipe to 110mm PVC–U drain	–	OT149B	5	20.15
	Universal Drain Adaptor	–	4S159	10	17.13

Note: Anthracite Grey (AG) gutter available in DeepLine profile only.

Osma RoundLine

Rainwater half round domestic – PVC-U

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
Bends and Shoe					
	Offset Bend – socket				
	▽	68	OT025B	10	9.67
	▽	68	OT025G	5	9.67
	▽	68	OT025W	5	9.67
	▽	68	OT025N	5	9.67
	▽ NEW COLOUR	68	OT025AG	5	9.67
	Offset Bend – spigot				
	▽	68	OT026B	10	12.04
	▽	68	OT026G	5	12.04
	▽	68	OT026W	5	12.04
	▽	68	OT026N	5	12.04
	▽ NEW COLOUR	68	OT026AG	5	12.04
	Long Tail Offset Bend – spigot				
	▽	68	OT027B	5	15.01
	Pipe Bend – 87.5°				
	▽	68	OT161B	5	18.65
	▽	68	OT161G	5	18.65
	▽	68	OT161W	5	18.65
	▽	68	OT161N	5	18.65
	▽ NEW COLOUR	68	OT161AG	5	18.65
	Pipe Shoe				
	▽	68	OT037B	5	10.47
	▽	68	OT037G	5	10.47
	▽	68	OT037W	5	10.47
	▽	68	OT037N	5	10.47
	▽ NEW COLOUR	68	OT037AG	5	10.47
Branch, Access Pipe and Hopper Head					
	Pipe Branch – 67.5°				
	▽	68	OT035B	5	31.47
	▽	68	OT035G	5	31.47
	▽	68	OT035W	5	31.47
	▽	68	OT035N	5	31.47
	▽ NEW COLOUR	68	OT035AG	5	31.47
	Access Pipe – with screwed door				
	▽	68	OT274B	5	56.82
	▽	68	OT274G	5	56.82
	▽	68	OT274W	5	56.82
	▽	68	OT274N	5	56.82
	▽ NEW COLOUR	68	OT274AG	5	56.82
	Hopper Head				
	▽	68	OT332B	5	42.26
	▽	68	OT332G	5	42.26
	▽	68	OT332W	5	42.26
	▽	68	OT332N	5	42.26
	▽ NEW COLOUR	68	OT332AG	5	42.26

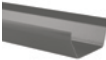
Note: Anthracite Grey (AG) gutter available in DeepLine profile only.

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Rainwater Diverter	68	OT201B	1	66.27
	Rainwater Diverter Kit	68	OT201W	1	66.27
Spares					
	Gutter Seal	112	OT064G	5	2.69
	Flexiclip				
	▽	112	OT116B	1	2.05
	▽	112	OT116G	1	2.05
	▽	112	OT116W	1	2.05
	▽	112	OT116N	1	2.05
	Gutter Pad – narrow	112	OT060B	5	2.69
	Gutter Pad – wide	112	OT061B	5	2.69

Note: Anthracite Grey (AG) gutter available in DeepLine profile only.

Osma SquareLine

Rainwater square – PVC-U

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Gutter				
	Gutter – 2.0m				
	▽	100	4T872B	5	24.45
	▽	100	4T872W	5	24.45
	▽	100	4T872N	5	24.45
	Gutter – 4.0m				
	▽	100	4T874B	5	48.93
	▽	100	4T874W	5	48.93
	▽	100	4T874N	5	48.93
	Gutter Union and Brackets				
	Gutter Jointing Bracket				
	▽	100	4T805B	20	10.75
	▽	100	4T805W	20	10.75
	▽	100	4T805N	20	10.75
	Gutter Union				
	▽	100	4T809B	10	17.15
	▽	100	4T809W	5	17.15
	▽	100	4T809N	5	17.15
	Gutter Support Bracket				
	▽	100	4T819B	20	4.63
	▽	100	4T819W	20	4.63
	▽	100	4T819N	20	4.63
	Gutter Bracket Spacer – 21mm projection	–	0T044B	20	4.49
	Angled Bracket Spacer	–	0T045B	10	9.92
	Outlets and Stopends				
	Running Outlet				
	▽	100	4T806B	10	17.86
	▽	100	4T806W	10	17.86
	▽	100	4T806N	10	17.86
	Stopend Outlet				
	▽	100	4T807B	10	18.94
	▽	100	4T807W	10	18.94
	▽	100	4T807N	10	18.94
	Stopend – internal				
	▽	100	4T810B	5	6.86
	▽	100	4T810W	5	6.86
	▽	100	4T810N	5	6.86
	Stopend – external				
	▽	100	4T811B	10	7.92
	▽	100	4T811W	10	7.92
	▽	100	4T811N	10	7.92
	Gutter Angles				
	Angle – 90°				
	▽	100	4T803B	10	17.32
	▽	100	4T803W	10	17.32
	▽	100	4T803N	10	17.32

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Angle – 45°				
	▽	100	4T804B	5	24.06
	▽	100	4T804W	5	24.06
	▽	100	4T804N	5	24.06
	Fabricated angles to order	100	4T999B	1	90.26
		100	4T999W	1	90.26
		100	4T999N	1	90.26
	Connectors to Metal and PVC–U Gutter				
	Connector to 4.5" RoundLine Gutter				
	▽	100	4T818B	5	29.06
	▽	100	4T818W	5	29.06
	Rise and Fall Brackets and Spikes				
	Bow and Pin				
	– for Rise and Fall Brackets (for use with Build-in or in Spikes)	100	4T894B	10	19.29
					
	Build-in Spike – 200mm long	–	0T985B	10	11.16
					
	Build-in Spike – 300mm long	–	0T986B	10	16.77
	Drive-in Spike – 200mm long	–	0T988B	10	9.30
					
	Drive-in Spike – 300mm long	–	0T989B	10	12.50
	Rafter Brackets (BZP)				
	Adjustable Top Rafter Bracket – 300mm long	–	0T147G	20	24.02
					
	Adjustable Side Rafter Bracket – 300mm long	–	0T148G	20	22.18

Osma SquareLine

Rainwater square – PVC-U

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Pipe				
	P/E Pipe – 2.0m				
	▽	61	4T882B	5	26.07
	▽	61	4T882W	5	26.07
	▽	61	4T882N	5	26.07
	P/E Pipe – 2.75m				
	▽	61	4T886B	5	36.84
	▽	61	4T886W	5	36.84
	▽	61	4T886N	5	36.84
	P/E Pipe – 4.0m				
	▽	61	4T884B	5	53.38
	▽	61	4T884W	5	53.38
	▽	61	4T884N	5	53.38
	P/E Pipe – 5.5m				
	▽	61	4T888B	5	73.46
	▽	61	4T888W	5	73.46
	▽	61	4T888N	5	73.46
	Pipe Brackets and Spacer				
	Pipe Bracket – Stand Off				
	▽	61	4T833B	5	6.13
	▽	61	4T833W	5	6.13
	▽	61	4T833N	5	6.13
	Pipe Bracket				
	▽	61	4T834B	5	5.21
	▽	61	4T834W	5	5.21
	▽	61	4T834N	5	5.21
	Pipe Bracket Spacer				
	– for use with 4T834, 4T823, 4T832, 4T858, 4T855	–	4T731B	10	8.67
		–	4T731W	10	8.67
	Connectors and Adaptors				
	Pipe Connector and Bracket – Stand Off				
	▽	61	4T824B	5	18.00
	▽	61	4T824W	5	18.00
	▽	61	4T824N	5	18.00
	Pipe Connector and Bracket				
	▽	61	4T823B	5	16.30
	▽	61	4T823W	5	16.30
	▽	61	4T823N	5	16.30
	Drain Adaptor – Square to Round				
	▽	61	4T836B	10	14.77
	▽	61	4T836W	5	14.77
	Outlet Adaptor – Square to Round				
	▽	61	4T837B	5	18.43
	▽	61	4T837W	5	18.43
	Rainwater Adaptor 68mm pipe to 110mm PVC-U drain	–	4S149	10	16.08
	Rainwater Adaptor 68mm pipe to 110mm PVC-U drain				
	▽	–	0T149B	5	20.15

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Universal Drain Adaptor	–	4S159	10	17.13
Bends, Shoe and Wall Offsets					
	Offset Bend – socket				
	▽	61	4T825B	20	10.32
	▽	61	4T825W	20	10.32
	▽	61	4T825N	20	10.32
	Offset Bend – spigot				
	▽	61	4T826B	10	12.81
	▽	61	4T826W	10	12.81
	▽	61	4T826N	10	12.81
	Pipe Bend – 87.5°				
	▽	61	4T862B	5	22.03
	▽	61	4T862W	5	22.03
	▽	61	4T862N	5	22.03
	Pipe Shoe and Bracket				
	▽	61	4T832B	5	15.29
	▽	61	4T832W	5	15.29
	▽	61	4T832N	5	15.29
	Pipe Wall Offset				
	▽	61	4T838B	10	20.71
	▽	61	4T838W	10	20.71
	▽	61	4T838N	10	20.71
	Pipe Wall Offset – with access	61	4T858B	5	58.09
Branch, Access Pipe and Hopper Head					
	Pipe Branch – 67.5°				
	▽	61	4T835B	5	42.32
	▽	61	4T835W	5	42.32
	▽	61	4T835N	5	42.32
	Access Pipe	61	4T855B	5	58.09
	Hopper Head				
		61	4T830B	5	53.38
		61	4T830W	5	53.38
		61	4T830N	5	53.38
Rainwater Diverter Kit					
	Rainwater Diverter Kit				
		61	0T201B	1	66.27
		61	0T201W	1	66.27

Osma SquareLine

Rainwater square – PVC-U

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
Spares					
	Gutter Seal	100	4T864B	5	2.71
	Flexiclip				
	▽	100	4T816B	1	2.52
	▽	100	4T816W	1	2.52
	▽	100	4T816N	1	2.52
	Gutter Pad – narrow	100	4T860G	10	2.70
	Gutter Pad – wide	100	4T861G	10	2.75

Osma StormLine

Rainwater ogee – PVC-U

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Gutter				
	Gutter – 4.0m	111	8T874B	4	65.05
		111	8T874W	4	65.05
Gutter Unions and Brackets					
	Gutter Jointing Bracket				
	▽	111	8T809B	10	15.81
	▽	111	8T809W	10	15.81
	Gutter Support Bracket				
	▽	111	8T819B	10	5.86
	▽	111	8T819W	10	5.86
	Gutter Hanging Bracket				
	▽	111	8T849B	20	7.80
	▽	111	8T849W	20	7.80
	Gutter Bracket Spacer – 21mm projection	–	0T044B	20	4.49
Outlets and Stopends					
	Running Outlet				
	▽	111	8T806B	5	20.19
	▽	111	8T806W	5	20.19
	Stopend Outlet (left hand)				
	▽	111	8T807B	5	19.55
	▽	111	8T807W	5	19.55
	Stopend Outlet (right hand)				
	▽	111	8T808B	5	19.55
	▽	111	8T808W	5	19.55
	Stopend – internal (left hand)				
	▽	111	8T840B	5	8.89
	▽	111	8T840W	5	8.89
	Stopend – internal (right hand)				
	▽	111	8T850B	5	8.89
	▽	111	8T850W	5	8.89
	Stopend – external (left hand)				
	▽	111	8T841B	10	12.43
	▽	111	8T841W	10	12.43
	Stopend – external (right hand)				
	▽	111	8T851B	10	12.43
	▽	111	8T851W	10	12.43
Gutter Angles					
	Angle – 90° (internal)				
	▽	111	8T843B	5	23.27
	▽	111	8T843W	5	23.27
	Angle – 90° (external)				
	▽	111	8T853B	5	20.70
	▽	111	8T853W	5	20.70

Osma StormLine

Rainwater ogee – PVC-U

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Angle – 45° (internal)				
	▽	111	8T844B	5	24.48
	▽	111	8T844W	5	24.48
	Angle – 45° (external)				
	▽	111	8T854B	5	24.48
	▽	111	8T854W	5	24.48
Fabricated angles to order		–	8T999B	1	100.16
		–	8T999W	1	100.16
Rise and Fall Brackets and Spikes					
	Bow and Pin				
	– For Rise and Fall Brackets (for use with Build-in or Drive-in Spikes)	111	8T894B	10	23.19
		111	8T894W	10	23.19
	Build-in Spike				
	– 200mm long	–	0T985B	10	11.16
	– 300mm long	–	0T986B	10	16.77
	Drive-in Spike				
	– 200mm long	–	0T988B	10	9.30
	– 300mm long	–	0T989B	10	12.50
Rafter Brackets (BZP)					
	Adjustable Top Rafter Bracket				
	– 300mm long	–	0T147G	20	24.02
	Adjustable Side Rafter Bracket				
	– 300mm long	–	0T148G	20	22.18
Spares					
	Gutter Seal	111	8T864B	1	2.26
	Flexiclip				
	▽	111	8T816B	1	2.37
	▽	111	8T816W	1	2.37

Note: For details of 61mm (2¼") and 68mm (2½") pipe and fittings for use with the StormLine Rainwater System refer to pages 12-14 and 6-9.

Osma DeepLine

Rainwater high capacity – PVC-U

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Gutter				
	Gutter – 4.0m				
	♥	113	9T974B	5	53.62
	♥	113	9T974G	5	53.62
	♥	113	9T974W	5	53.62
	♥	113	9T974N	5	53.62
	♥ NEW COLOUR	113	9T974AG	5	53.62
	Gutter Union and Brackets				
	Gutter Union				
	♥	113	9T909B	5	13.04
	♥	113	9T909G	5	13.04
	♥	113	9T909W	5	13.04
	♥	113	9T909N	5	13.04
	♥ NEW COLOUR	113	9T909AG	5	13.04
	Gutter Support Bracket				
	♥	113	9T919B	40	4.54
	♥	113	9T919G	20	4.54
	♥	113	9T919W	20	4.54
	♥	113	9T919N	20	4.54
	♥ NEW COLOUR	113	9T919AG	20	4.54
	Gutter Bracket Spacer – 21mm projection	–	0T044B	20	4.49
	Angled Bracket Spacer	–	0T045B	10	9.92
	Outlet and Stopends				
	Running Outlet				
	♥	113	9T906B	5	16.04
	♥	113	9T906G	5	16.04
	♥	113	9T906W	5	16.04
	♥	113	9T906N	5	16.04
	♥ NEW COLOUR	113	9T906AG	5	16.04
	Stopend – internal				
	♥	113	9T910B	5	5.70
	♥	113	9T910G	5	5.70
	♥	113	9T910W	5	5.70
	♥	113	9T910N	5	5.70
	♥ NEW COLOUR	113	9T910AG	5	5.70
	Stopend – external				
	♥	113	9T911B	5	8.03
	♥	113	9T911G	5	8.03
	♥	113	9T911W	5	8.03
	♥	113	9T911N	5	8.03
	♥ NEW COLOUR	113	9T911AG	5	8.03
	Gutter Angles				
	Angle – 90°				
	♥	113	9T903B	5	20.74
	♥	113	9T903G	5	20.74
	♥	113	9T903W	5	20.74
	♥	113	9T903N	5	20.74
	♥ NEW COLOUR	113	9T903AG	5	20.74

Note:

For details of 68mm (2½") pipe and fittings for use with DeepLine profile refer to pages 6-9.

Osma DeepLine

Rainwater high capacity – PVC-U

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
 Angle – 45° ♥ ♥ ♥ ♥ ♥ NEW COLOUR Fabricated angles to order		113	9T904B	5	23.77
		113	9T904G	5	23.77
		113	9T904W	5	23.77
		113	9T904N	5	23.77
		113	9T904AG	5	23.77
		113	9T999B	1	91.38
		113	9T999G	1	91.38
		113	9T999W	1	91.38
		113	9T999N	1	91.38
 Rise and Fall Brackets and Spikes Bow and Pin – for Rise and Fall Brackets (for use with Build-in or Drive-in Spikes) NEW COLOUR  Build-in Spike – 200mm long – 300mm long  Drive-in Spike – 200mm long – 300mm long		113	9T994B	10	21.13
		113	9T994G	10	21.13
		113	9T994AG	10	21.13
		–	0T985B	10	11.16
		–	0T986B	10	16.77
		–	0T988B	10	9.30
		–	0T989B	10	12.50
 Rafter Brackets (BZP) Adjustable Top Rafter Bracket – 300mm long  Adjustable Side Rafter Bracket – 300mm long		–	0T147G	20	24.02
		–	0T148G	20	22.18
 Spares Gutter Seal  Flexiclip ♥ ♥ ♥ ♥ ♥ NEW COLOUR		113	9T964B	10	2.16
		113	9T916B	1	2.18
		113	9T916G	1	2.18
		113	9T916W	1	2.18
		113	9T916N	1	2.18
		113	9T916AG	1	2.18

Osma SuperLine

Rainwater half round commercial – PVC-U

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Gutter Gutter – 4.0m ♥	125	5T574B	5	70.68
	Gutter Union and Brackets Gutter Union ♥	125	5T509B	5	15.70
	Gutter Support Bracket ♥	125	5T519B	5	5.73
	Gutter Bracket Spacer – 21mm projection	–	0T044B	20	4.49
	Angled Bracket Spacer	–	0T045B	10	9.92
	Outlet and Stopends Running Outlet ♥	125	5T508B	5	23.44
	Stopend – internal ♥	125	5T510B	5	7.62
	Stopend – external ♥	125	5T511B	5	11.50
	Gutter Angles Angle – 90° ♥	125	5T503B	5	26.23
	Angle – 45° ♥	125	5T504B	5	29.90
	Fabricated angles to order	125	5T999B	1	105.05
	Rise and Fall Brackets and Spikes Bow and Pin – for Rise and Fall Brackets (for use with Build-in or Drive-in-Spikes)	125	5T594B	5	25.24
	Build-in Spike – 200mm long	–	0T985B	10	11.16
	– 300mm long	–	0T986B	10	16.77
	Drive-in Spike – 200mm long	–	0T988B	10	9.30
	– 300mm long	–	0T989B	10	12.50

Osma SuperLine

Rainwater half round commercial – PVC-U

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
Rafter Brackets (PVC Coated Steel)					
	Top Rafter Bracket – 300mm long	125	5T595B	10	26.04
	Side Rafter Bracket – 300mm long	125	5T596B	10	27.55
Rafter Bracket (BZP)					
	Adjustable Top Rafter Bracket – 300mm long	–	0T147G	20	24.02
	Adjustable Side Rafter Bracket – 300mm long	–	0T148G	20	22.18
	Rainwater Hopper Hopper Head	110	4S326B	5	93.76
Spares					
	Gutter Seal	125	5T564B	10	2.91
	Flexiclip ♥	125	5T516B	1	2.70

Note: For details of 68mm (2½") pipe and fittings for use with the SuperLine Rainwater System refer to pages 6-9.

Osma RoofLine

Rainwater half round commercial – PVC-U

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Gutter Gutter – 4.0m				
	♥ ♥	150 150	6T674B 6T674G	5 5	142.53 142.53
  	Gutter Union and Bracket Gutter Union				
	♥	150	6T609B	5	42.18
	♥	150	6T609G	5	42.18
	Gutter Support Bracket				
	♥	150	6T619B	10	14.77
	♥	150	6T619G	10	14.77
	Gutter Bracket Spacer – 21mm projection	–	0T044B	20	4.49
  	Outlet and Stopends Running Outlet				
	♥	150	6T606B	5	57.93
	♥	150	6T606G	5	57.93
	Stopend – internal				
	♥	150	6T610B	5	9.92
	♥	150	6T610G	5	9.92
	Stopend – external				
	♥	150	6T611B	5	28.74
	♥	150	6T611G	5	28.74
	Gutter Angles Angle – 90°				
	♥	150	6T603B	5	81.37
	♥	150	6T603G	5	81.37
	Fabricated angles to order				
		150 150	6T999B 6T999G	1 1	145.83 154.26
  	Rise and Fall Brackets and Spikes Bow and Pin – for Rise and Fall Brackets (for use with Build-in or Drive-in Spikes)	150 150	6T694B 6T694G	20 20	31.99 31.99
	Build-in Spike – 200mm long – 300mm long	– –	0T985B 0T986B	10 10	11.16 16.77
	Drive-in Spike – 200mm long – 300mm long	– –	0T988B 0T989B	10 10	9.30 12.50
	Rafter Brackets (PVC coated steel) Top Rafter Bracket – 300mm long	150	6T695B	10	28.57

Osma RoofLine

Rainwater half round commercial – PVC-U

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Side Rafter Bracket – 300mm long	150	6T696B	10	30.23
Rafter Brackets (BZP)					
	Adjustable Top Rafter Bracket – 300mm long	–	0T147G	20	24.02
	Adjustable Side Rafter Bracket – 300mm long	–	0T148G	20	22.18
Rainwater Hopper					
	Hopper Head	110	4S326B	5	93.76
		110	4S326G	5	93.76
Spares					
	Gutter Seal	150	6T664B	4	3.28
	Flexiclip	150	6T616B	1	3.01
		150	6T616G	1	3.01

Note: For details of 110mm (4") pipe and fittings for use with the RoofLine Rainwater System refer to pages 23-37.

OsmaSoil

Soil and Vent PVC-U Ring-seal system

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Pipe				
	S/S Pipe – 2.0m				
	♥	82	3S042G	1	65.89
	♥ ♻	110	4S042B	2	59.16
	♥ ♻	110	4S042G	2	59.16
	S/S Pipe – 2.5m				
	♥ ♻	110	4S050G	50	71.88
	S/S Pipe – 3.0m				
	♥	82	3S043B	2	91.07
	♥	82	3S043G	2	91.07
	♥ ♻	110	4S043B	2	79.70
	♥ ♻	110	4S043G	2	79.70
	♥ ♻	110	4S043W	2	79.70
	♥ ♻	160	6S043G	2	296.86
	S/S Pipe – 4.0m				
	♥	82	3S044B	2	119.25
	♥	82	3S044G	2	119.25
	♥ ♻	110	4S044B	2	107.53
	♥ ♻	110	4S044G	2	107.53
	♥ ♻	110	4S044W	2	107.53
	♥ ♻	160	6S044G	2	386.27
	P/E Pipe – 3.0m				
	♥ ♻	110	4S073B	2	76.67
	♥ ♻	110	4S073G	2	76.67
	♥ ♻	110	4S073E	2	76.67
	♥ ♻	110	4S073W	2	76.67
	P/E Pipe – 4.0m				
	♥	82	3S074B	2	118.79
	♥	82	3S074G	2	118.79
	♥ ♻	110	4S074B	2	102.22
	♥ ♻	110	4S074G	2	102.22
	♥ ♻	110	4S074E	2	102.22
	♥ ♻	110	4S074W	2	102.22
	♥ ♻	160	6S074B	2	357.64
	♥ ♻	160	6S074G	2	357.64
	♥ ♻	160	6S074E	2	357.64
	Brackets				
	Pipe Bracket				
	♥	82	3S082B	5	9.14
	♥	82	3S082G	5	9.14
	♥	110	4S082B	10	7.81
	♥	110	4S082G	10	7.81
	♥	110	4S082E	20	7.81
	♥	110	4S082W	10	7.81
	♥	160	6S082B	1	28.66
	♥	160	6S082G	1	28.66
	Socket Bracket				
	♥	82	3S083B	5	11.83
	♥	82	3S083G	5	11.83
	♥	110	4S083B	5	10.14
	♥	110	4S083G	5	10.14
	♥	110	4S083E	5	10.14
	♥	110	4S083W	5	10.14

Note: ♻ Recycore Technology applies to 110mm and 160mm sizes only.

OsmaSoil

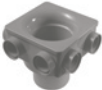
Soil and Vent PVC-U Ring-seal system

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Pipe or Socket Bracket – BZP coated steel				
	♥	110	4S084	10	22.56
	♥	160	6S084	1	47.60
Suspended Bracketing System (Not suitable for damp inaccessible voids)					
	Adjustable Pipe Bracket Assembly (pack containing threaded rod, threaded bracket, bracket plate and pipe/socket bracket) – BZP coated steel	110	4S086	1	73.32
		160	6S086	1	104.52
	Adjustable Socket Bracket and Brace Assembly (pack containing threaded rod, threaded bracket, bracket plate, two adjustable braces and pipe/socket bracket) – BZP coated steel	110	4S085	1	150.91
Sockets					
	D/SW Double Socket				
	♥	110	4S104B	5	17.19
	♥	110	4S104G	5	17.19
	♥	110	4S104E	10	17.19
	♥	110	4S104W	5	17.19
	♥	160	6S104B	1	41.62
	♥	160	6S104G	1	41.62
	♥	160	6S104E	1	41.62
	D/S Double Socket – for repairs				
	♥	82	3S105B	5	34.36
	♥	82	3S105G	5	34.36
	♥	110	4S105B	5	37.10
	♥	110	4S105G	5	37.10
	♥	110	4S105W	5	37.10
	♥	160	6S105G	1	104.52
	S/SW Single Socket				
	♥	82	3S124B	5	20.03
	♥	82	3S124G	5	20.03
	♥	110	4S124B	5	17.89
	♥	110	4S124G	5	17.89
	♥	110	4S124E	5	17.89
	♥	110	4S124W	5	17.89
	♥	160	6S124B	1	61.23
	♥	160	6S124G	1	61.23
	D/S Acoustic Socket				
	♥	110	4S125B	5	27.17
	♥	110	4S125G	5	27.17
	♥	110	4S125E	5	27.17
	D/S Double Sockets				
		110	4S205B	10	31.96
		110	4S205G	10	31.96
		110	4S205W	10	31.96

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
Connectors					
	S/S Connector to CI soil socket	110	4S106G	5	50.55
	♥				
	Connector to CI soil socket	110	4S206B	5	53.48
	– synthetic rubber				
	Internal Drain Connector	110	4S298	5	18.16
	for 32mm/40mm waste pipe				
	Internal Drain Connector	110	4S299	5	20.91
	– for 50mm waste pipe				
Reducers					
	S/S Reducer – 82mm x 50mm	82	3S094B	5	41.98
	♥	82	3S094G	5	41.98
	Reducer – 110mm x 32mm waste	110	4S098G	5	41.61
	Reducer – 110mm x 40mm waste	110	4S097G	5	41.61
	S/S Reducer – 110mm x 50mm	110	4S096B	5	39.51
	♥	110	4S096G	5	39.51
	S/S Reducer – 110mm x 82mm	110	4S095B	5	36.23
	♥	110	4S095G	5	36.23
	S/S Reducer – 160mm x 110mm	160	6S099G	1	92.75
	♥				
Bends					
	S/S Bend – 87.5°	82	3S161B	5	40.68
	♥	82	3S161G	5	40.68
	♥	110	4S161B	5	47.37
	♥	110	4S161G	5	47.37
	♥	110	4S161W	5	47.37
	♥	160	6S161G	1	160.40
	♥				

Soil and Vent PVC-U Ring-seal system

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	S/SW Bend – 87.5° ▽	110	4S361G	5	46.63
	S/S Tight Radius Bend – 87.5° ▽	110	4S160B	10	52.62
	▽	110	4S160G	10	52.62
	▽	110	4S160W	10	52.62
	D/S Bend – 87.5°	110	4S561B	5	59.08
		110	4S561G	5	59.08
		110	4S561W	5	59.08
	S/S Bend – 76° ▽	110	4S164B	5	67.46
	▽	110	4S164G	5	67.46
	S/S Bend – 67.5° ▽	82	3S162G	5	50.72
	▽	110	4S162G	5	67.98
	S/S Bend – 45° ▽	82	3S163B	5	40.68
	▽	82	3S163G	5	40.68
	▽	110	4S163B	5	47.37
	▽	110	4S163G	5	47.37
	▽	110	4S163W	5	47.37
	▽	160	6S163G	1	160.40
	S/SW Bend – 45° ▽	110	4S363B	5	46.63
	▽	110	4S363G	5	46.63
	▽	110	4S363W	5	46.63
	S/S Bend – 30° ▽	110	4S166G	5	52.46
	S/S Bend – 15° ▽	110	4S167G	5	60.36
	Adjustable Bends S/S Adjustable Bend – 30° ▲	110	4S173G	1	59.51
	S/S Adjustable Bend – 90° ▲	110	4S179G	1	67.29

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
Offset Bends					
	SW/S Offset Bend (bottom)				
	♥	82	3S435G	5	42.38
	♥	110	4S435B	5	44.21
	♥	110	4S435G	5	44.21
	♥	110	4S435E	5	44.21
	♥	110	4S435W	5	44.21
	S/SW Offset Bend (top)				
	♥	82	3S440B	5	50.01
	♥	82	3S440G	5	50.01
	♥	110	4S440B	5	60.65
	♥	110	4S440G	5	60.65
	♥	110	4S440W	5	60.65
	♥	160	6S440G	1	179.26
	S/S Offset Bend				
	♥	110	4S444B	5	60.65
	♥	110	4S444G	5	60.65
	♥	110	4S444W	5	60.65
	D/S Offset Bend				
	♥	110	4S445B	5	67.46
	♥	110	4S445G	5	67.46
	♥	110	4S445W	5	67.46
Manifolds					
	6 Boss Manifold	110	4S597G	1	74.49
	OsmaLink Soil Manifold ♥	110	4S595G	1	81.91
	All-Fit Reducer – 1½" / 40 x 1¼" / 32	40	4Z124W	10	6.97
	All-Fit Reduction Bend – 2" / 50 x 1½" / 40	50	2S355W	10	11.53
	All-Fit 90° Spigot Bend – 2" / 50	50	2S356W	5	18.97
Branches					
	S/S Single Branch – 87.5°				
	♥	82	3S190B	5	72.40
	♥	82	3S190G	5	72.40
	♥	110	4S190B	5	66.87
	♥	110	4S190G	5	66.87
	♥	110	4S190W	5	66.87
	♥	160	6S190G	1	289.71

OsmaSoil

Soil and Vent PVC-U Ring-seal system

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	S/S Single 5 Boss Branch – 87.5° ▽	110	4S195B	5	86.66
	▽	110	4S195G	5	86.66
	▽	110	4S195W	5	86.66
	S/SW Single 5 Boss Branch – 87.5° ▽	110	4S395G	5	75.16
	S/S Unequal Single Branch – 87.5° ▽	160	6S198G	1	223.27
	S/S Single Branch – 76° ▽	110	4S220B	1	96.98
	▽	110	4S220G	1	96.98
	S/S Single Branch – 67.5° ▽	110	4S200B	1	96.98
	▽	110	4S200G	1	96.98
	S/S Single Branch – 45° ▽	82	3S210G	5	72.40
	▽	110	4S210B	5	99.39
	▽	110	4S210G	5	99.39
	160x110mm ▽	160	6S218G	1	223.27
	160x160mm ▽	160	6S210G	1	289.71
	S/S Double Branch – 87.5° ▽	110	4S230B	1	167.20
	▽	110	4S230G	1	167.20
	▽	110	4S230W	1	167.20
	S/S Unequal Double Branch – 87.5° ▽	160	6S238G	1	394.57
	S/S Double Branch – 45° ▽	110	4S250G	1	208.44
	S/S Corner Branch – 87.5° ▽	110	4S291G	1	263.21

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
Boss Socket Adaptors					
	S/S Boss Adaptor (Ring-Seal) – for 1¼" / 32 plastic or copper pipe				
	♥	32	2S398B	10	9.36
	♥	32	2S398G	10	9.36
	♥	32	2S398W	5	9.36
	S/S Boss Adaptor (Ring-Seal) – for 1½" / 40 plastic or copper pipe				
	♥	40	2S399B	5	9.36
	♥	40	2S399G	10	9.36
	♥	40	2S399W	10	9.36
	S/S Boss Adaptor (Ring-Seal) – 2" / 50 plastic or copper pipe				
	♥	50	2S402B	5	12.06
	♥	50	2S402G	5	12.06
	♥	50	2S402W	5	12.06
	S/S Boss Adaptor 90° (Ring-Seal) – for 2" / 50 BS EN 1329, 1455 and 1566 pipe				
	♥	50	2S360G	10	13.28
Bossed Pipes					
	S/S Bossed Pipe – plain with one boss socket				
	♥	82	3S649B	10	38.83
	♥	82	3S649G	10	38.83
	S/S Bossed Pipe – for 1¼" / 32 plastic or copper pipe				
	♥ – NEW	110	4S581B	5	50.81
	♥	110	4S581G	5	50.81
	S/S Bossed Pipe – for 1½" / 40 plastic or copper pipe				
	♥ – NEW	110	4S582B	5	40.70
	♥	110	4S582G	5	40.70
	D/SW Bossed Pipe (Ring Seal) – for 1¼" / 32 plastic or copper pipe				
	♥	110	4S583B	5	19.74
	♥	110	4S583G	5	19.74
	♥	110	4S583W	5	19.74
	D/SW Bossed Pipe (Ring Seal) – for 1½" / 40 plastic or copper pipe				
	♥	110	4S584B	5	17.16
	♥	110	4S584G	5	17.16
	♥	110	4S584W	5	17.16
	D/SW Short Bossed Pipe				
		110	4S588B	5	17.03
		110	4S588G	5	17.03
	– NEW	110	4S588W	5	17.03

OsmaSoil

Soil and Vent PVC-U Ring-seal system

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	S/S Bossed Pipe – plain with four boss sockets				
	♥	110	4S589B	5	27.69
	♥	110	4S589G	5	27.69
	♥	110	4S589W	5	27.69
	S/SW Bossed Pipe – plain with four boss sockets				
	♥	110	4S590B	5	32.99
	♥	110	4S590G	5	32.99
	♥	110	4S590E	5	32.99
Strap Bosses					
	Strap Boss				
	♥	82	3S319B	5	18.94
	♥	82	3S319G	5	18.94
	♥	110	4S319B	5	15.88
	♥	110	4S319G	5	15.88
	♥	110	4S319E	5	15.88
	Clip Boss For Push-fit or Solvent Waste – 32mm				
		110	4S322B	10	19.55
		110	4S322G	10	19.55
		110	4S322W	10	19.55
	For Push-fit or Solvent Waste – 40mm				
		110	4S321B	5	19.55
		110	4S321G	5	19.55
		110	4S321W	5	19.55
	Patch Boss For Push-fit or Solvent Waste – 50mm				
	♥	110	4S323G	10	24.84
		160	6S323G	1	38.49
Access Fittings					
	S/S Access Bend – 87.5°				
	♥	110	4S169B	5	111.44
	♥	110	4S169G	5	111.44
	♥	110	4S169W	5	111.44
	S/SW Access Bend – 87.5°				
	♥	110	4S369G	5	128.05
	S/S Access Branch – 87.5°				
	♥	110	4S502B	1	150.91
	♥	110	4S502G	1	150.91
	S/S Access Pipe – with bolted door				
	♥	82	3S274B	5	79.94
	♥	82	3S274G	5	79.94

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	S/S Bossed Access Pipe – with screwed access and three boss sockets				
	♥	110	4S274B	1	80.20
	♥	110	4S274G	5	80.20
	♥	110	4S274W	1	80.20
	♥	160	6S274G	1	217.26
	S/SW Bossed Access Pipe – with screwed access and three boss sockets				
	♥	110	4S374G	10	81.43
	Access Saddle				
	♥	110	4S275B	1	42.47
	♥	110	4S275G	1	42.47
Plugs					
	P/E Access Plug				
	♥	82	3S292B	5	39.57
	♥	82	3S292G	5	39.57
	♥	110	4S292B	1	37.03
	♥	110	4S292G	1	37.03
	♥	110	4S292E	1	37.03
	♥	110	4S292W	1	37.03
	♥	160	6S292B	1	80.98
	♥	160	6S292G	1	80.98
	P/E Socket Plug – with one boss socket				
	♥	110	4S296B	5	26.11
	♥	110	4S296G	5	26.11
	♥	110	4S296E	5	26.11
	♥	110	4S296W	5	26.11
Spares					
	Snap Cap				
		82	3S116B	1	2.38
		82	3S116G	1	2.38
		110	4S116B	1	7.47
		110	4S116G	1	7.47
		110	4S116W	1	7.47
	T Ring Seal				
		110	4S130G	5	5.38
		160	6S130G	5	9.82

Note: For OsmaSoil WC Connectors, Terminal Fittings and Ancillary Items see pages 38-41

OsmaSoil

Soil and Vent PVC-U Solvent Weld system

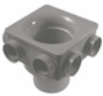
Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
  	Pipe				
	P/E Pipe – 3.0m				
	♻️ ♻️	110	4S073B	2	76.67
	♻️ ♻️	110	4S073G	2	76.67
	♻️ ♻️	110	4S073E	2	76.67
	♻️ ♻️	110	4S073W	2	76.67
	P/E Pipe – 4.0m				
	♻️ ♻️	110	4S074B	2	102.22
	♻️ ♻️	110	4S074G	2	102.22
	♻️ ♻️	110	4S074E	2	102.22
	♻️ ♻️	110	4S074W	2	102.22
	♻️ ♻️	160	6S074B	2	357.64
	♻️ ♻️	160	6S074G	2	357.64
	♻️ ♻️	160	6S074E	2	357.64
  	Brackets				
	Pipe Bracket				
	♻️	110	4S082B	10	7.81
	♻️	110	4S082G	10	7.81
	♻️	110	4S082E	20	7.81
	♻️	110	4S082W	10	7.81
	♻️	160	6S082B	1	28.66
	♻️	160	6S082G	1	28.66
	♻️	160	6S082E	1	28.66
	Socket Bracket				
	♻️	110	4S083B	5	10.14
	♻️	110	4S083G	5	10.14
	♻️	110	4S083E	5	10.14
	♻️	110	4S083W	5	10.14
	Pipe or Socket Bracket				
	– BZP coated steel	110	4S084	10	22.56
		160	6S084	1	47.60
 	Suspended Bracketing System				
	(Not suitable for damp inaccessible voids)				
	Adjustable Pipe Bracket Assembly	110	4S086	1	73.32
	(pack containing threaded rod, threaded bracket, bracket plate and pipe/socket bracket) – BZP coated steel	160	6S086	1	104.52
	Adjustable Socket Bracket and Brace Assembly	110	4S085	1	150.91
	(pack containing threaded rod, threaded bracket, bracket plate, two adjustable braces and pipe/socket bracket) – BZP coated steel				

Note: ♻️ Recycore Technology applies to 110mm and 160mm sizes only.

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
Sockets					
	D/SW Double Socket				
	♥	110	4S104B	5	17.19
	♥	110	4S104G	5	17.19
	♥	110	4S104E	10	17.19
	♥	110	4S104W	5	17.19
	♥	160	6S104B	1	41.62
	♥	160	6S104G	1	41.62
	♥	160	6S104E	1	41.62
	D/S Double Socket – for repairs				
	♥	110	4S105B	5	37.10
	♥	110	4S105G	5	37.10
	♥	110	4S105W	5	37.10
	♥	160	6S105G	1	104.52
	S/SW Single Socket				
	♥	110	4S124B	5	17.89
	♥	110	4S124G	5	17.89
	♥	110	4S124E	5	17.89
	♥	110	4S124W	5	17.89
	♥	160	6S124B	1	61.23
	♥	160	6S124G	1	61.23
	D/S Acoustic Socket				
	♥	110	4S125B	5	27.17
	♥	110	4S125G	5	27.17
	♥	110	4S125E	5	27.17
Connectors					
	Connector to CI soil socket – synthetic rubber	110	4S206B	5	53.48
Reducers					
	SW/S Reducer – 110mm x 50mm				
	♥	110	4S496B	5	35.64
	♥	110	4S496G	5	35.64
	♥	110	4S496E	5	35.64
	S/S Reducer – 110mm x 82mm				
	♥	110	4S095B	5	36.23
	♥	110	4S095G	5	36.23
	SW/S Reducer – 160mm x 110mm				
	♥	160	6S499B	1	67.18
	♥	160	6S499G	1	67.18
	♥	160	6S499E	1	67.18
Expansion Cap					
	Expansion Cap – with integral ring-seal				
		110	4S416B	5	8.29
		110	4S416G	5	8.29
		110	4S416E	5	8.29
		160	6S416E	5	21.33
Bends					
	D/SW Bend – 87.5°				
	♥	110	4S461B	5	46.58
	♥	110	4S461G	5	46.58
	♥	110	4S461E	5	46.58
	♥	110	4S461W	5	46.58
	♥	160	6S461B	1	122.70
	♥	160	6S461G	5	122.70
	♥	160	6S461E	1	122.70

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Soil and Vent PVC-U Solvent Weld system

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	D/SW Bend – 67.5° ♥	110	4S462B	5	50.38
	♥	110	4S462G	5	50.38
	D/SW Bend – 45° ♥	110	4S463B	5	46.52
	♥	110	4S463G	5	46.52
	♥	110	4S463E	5	46.52
	♥	160	6S463B	1	125.67
	♥	160	6S463G	5	125.67
	♥	160	6S463E	1	125.67
	SW/S Bend – 45° ♥	110	4S263B	5	50.38
	♥	110	4S263G	5	50.38
	♥	110	4S263E	5	50.38
	SW/S Bend – 11.25° ♥	110	4S268B	5	48.61
	♥	110	4S268G	5	48.61
	♥	110	4S268E	5	48.61
	SW/S Long Tail Bend – 87.5° ♥	110	4S260B	5	53.52
	♥	110	4S260G	5	53.52
	♥	110	4S260E	5	53.52
Offset Bends					
	SW/S Offset Bend (bottom) ♥	110	4S435B	5	44.21
	♥	110	4S435G	5	44.21
	♥	110	4S435E	5	44.21
	♥	110	4S435W	5	44.21
	D/SW Offset Bend (top) ♥	110	4S450B	5	49.33
	♥	110	4S450G	1	49.33
	♥	110	4S450E	5	49.33
Manifold					
	6 Boss Manifold	110	4S597G	1	74.49
		110	4S597E	1	74.49
Branches					
	D/SW Single Branch – 87.5° ♥	110	4S490B	5	65.85
	♥	110	4S490G	5	65.85
	♥	110	4S490E	5	65.85
	♥	160	6S490B	1	209.50
	♥	160	6S490G	5	209.50
	♥	160	6S490E	1	209.50
	SW/S Single Branch – 87.5° ♥	110	4S290B	5	65.88
	♥	110	4S290G	5	65.88
	♥	110	4S290E	5	65.88

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	D/SW Single 5 Boss Branch – 87.5°				
	♥	110	4S495B	5	68.54
	♥	110	4S495G	5	68.54
	♥	110	4S495E	5	68.54
	D/SW Unequal Single Branch – 87.5°				
	♥	160	6S498B	1	161.63
	♥	160	6S498G	5	161.63
	♥	160	6S498E	1	161.63
	D/SW Single Branch – 45°				
	♥	110	4S410B	5	74.44
	♥	110	4S410G	5	74.44
	♥	110	4S410E	5	74.44
	D/SW Double Branch – 87.5°				
	♥	110	4S430B	1	164.83
	♥	110	4S430G	5	164.83
	♥	110	4S430E	1	164.83
	SW/S Corner Branch – 87.5°				
	♥	110	4S491B	1	291.69
	♥	110	4S491G	5	291.69
	♥	110	4S491E	1	291.69
Boss Socket Adaptors					
	SW/S Boss Adaptor (Solvent Weld) – for 1¼" / 32mm BS EN 1329, 1455 and 1566 pipe				
	♥	32	2S298B	10	8.70
	♥	32	2S298G	10	8.70
	♥	32	2S298E	10	8.70
	♥	32	2S298W	10	8.70
	SW/S Boss Adaptor (Solvent Weld) – 1½" / 40mm BS EN 1329, 1455 and 1566 pipe				
	♥	40	2S299B	10	8.04
	♥	40	2S299G	10	8.04
	♥	40	2S299E	10	8.04
	♥	40	2S299W	10	8.04
	SW/S Boss Adaptor (Solvent Weld) – for 2" / 50mm BS EN 1329, 1455 and 1566 pipe				
	♥	50	2S403B	5	9.58
	♥	50	2S403G	5	9.58
	♥	50	2S403E	5	9.58
	♥	50	2S403W	5	9.58
Bossed Pipes					
	D/SW Bossed Pipe (Solvent Weld) – for 1¼" / 32mm BS EN 1329, 1455 and 1566 pipe				
	♥	110	4S483B	5	20.46
	♥	110	4S483G	5	20.46
	♥	110	4S483E	5	20.46

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Soil and Vent PVC-U Solvent Weld system

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	D/SW Bossed Pipe (Solvent Weld) – 1½" / 40mm BS EN 1329, 1455 and 1566 pipe				
	▽	110	4S484B	5	20.46
	▽	110	4S484G	5	20.46
	▽	110	4S484E	5	20.46
	D/SW Bossed Pipe – plain (four boss sockets)				
	▽	110	4S586B	5	22.77
	▽	110	4S586G	5	22.77
	▽	110	4S586E	5	22.77
	SW/S Bossed Pipe – plain (four boss sockets)				
	▽	110	4S585B	5	22.77
	▽	110	4S585G	5	22.77
	▽	110	4S585E	5	22.77
	D/SW Short Bossed Pipe				
		110	4S588B	5	17.03
		110	4S588G	5	17.03
		110	4S588W	5	17.03
	S/SW Bossed Pipe – plain (four boss sockets)				
	▽	110	4S590B	5	32.99
	▽	110	4S590G	5	32.99
	▽	110	4S590E	5	32.99
Strap Boss					
	▽	110	4S319B	5	15.88
	▽	110	4S319G	5	15.88
	▽	110	4S319E	5	15.88
	▽	110	4S319W	5	15.88
Access Fittings					
	D/SW Access Bend – 87.5°				
	▽	110	4S469B	5	117.39
	▽	110	4S469G	5	117.39
	▽	110	4S469E	5	117.39
	D/SW Access Branch – 87.5°				
	▽	110	4S493B	1	124.95
	▽ –	110	4S493G	5	124.95
	▽	110	4S493E	1	124.95
	SW/S Bossed Access Pipe – with screwed access and three boss sockets				
	▽	110	4S574B	5	82.74
	▽	110	4S574G	1	82.74
	▽	110	4S574E	5	82.74
	▽	160	6S474B	1	176.97
	▽	160	6S474G	1	176.97
	D/SW Bossed Access Pipe – with screwed access and three boss sockets				
	▽	110	4S474B	5	82.74
	▽	110	4S474G	5	82.74
	▽	110	4S474E	5	82.74

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Access Saddle				
	♥	110	4S275B	1	42.47
	♥	110	4S275G	1	42.47
	Plugs				
	P/E Access Plug				
	♥	82	3S292B	5	39.57
	♥	82	3S292G	5	39.57
	♥	110	4S292B	1	37.03
	♥	110	4S292G	1	37.03
	♥	110	4S292E	1	37.03
	♥	110	4S292W	1	37.03
	♥	160	6S292B	1	80.98
	♥	160	6S292G	1	80.98
	SW/S Access Plug				
	♥	110	4S492B	5	46.65
	♥	110	4S492G	1	46.65
	♥	110	4S492E	5	46.65
	P/E Socket Plug – with one boss socket				
	♥	110	4S296B	5	26.11
	♥	110	4S296G	5	26.11
	♥	110	4S296E	5	26.11
	♥	110	4S296W	5	26.11

WC connectors

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
WC Manifold Branches (for WC to BS 5503)					
	S/SW Manifold Branch – Straight ▽	110	4S601W	1	236.03
	S/SW Manifold Branch – 8° (LH) ▽	110	4S602W	1	236.03
	(RH) ▽	110	4S612W	1	236.03
	S/SW Manifold Branch – 15.5° (LH) ▽	110	4S603W	1	236.03
	(RH) ▽	110	4S613W	1	236.03
	S/SW Manifold Branch – 23° (LH) ▽	110	4S604W	1	236.03
	(RH) ▽	110	4S614W	1	236.03
	S/SW Manifold Branch – 30.5° (LH) ▽	110	4S605W	1	236.03
	(RH) ▽	110	4S615W	1	236.03
	S/SW Manifold Branch – 38° (LH) ▽	110	4S606W	1	236.03
WC Connectors (for WCs to BS 5503)					
	P/E WC Connector – 2.5° ▽	110	4S791W	10	35.86
	SW/S WC Connector – 2.5° ▽	110	4S792W	5	37.94
	P/E WC Connector – 14° ▽	110	4S711W	5	42.52
	P/E WC Connector – 90° ▽	110	4S771W	10	60.84
	SW/S WC Connector – 90° ▽	110	4S772W	10	52.80
WC Connectors and Gaskets (for WCs to BS 1213)					
	SW/S WC Connector – 87.5° ▽	110	4S745W	5	47.16

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	WC Gasket – for WC spigots from 4" to 4¼"	110	4S121W	10	21.82
	WC Gasket – for WC spigots from 4¼" to 4½"	110	4S120W	10	20.46
	WC Connectors – Ancillary Products S/S Long Tail Bend – 87.5° ♻️	110	4S790W	5	60.65
	P/E Pipe – 600mm length				
	♻️ ♻️	110	4S600W	1	34.41

WC connectors – Easy-fit

	Description	Nom dia inch	Cat no	Pack qty	Price £ per piece
	Easy-Fit Pan Connectors Style 1 – Straight	3½in	WC003W	1	25.67
		4in	WC004W	1	19.02
	Style 1 – Offset	4in	WC204W	1	23.34
	Style 1 – 14°	4in	WC144W	1	24.56
	Style 90°	4in	WC904W	1	27.27
	Straight Extension Piece	4in	WC404W	1	23.38

Note: ♻️ Recycore Technology applies to 110mm and 160mm sizes only.

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Ancillaries

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
Terminal Fittings					
	Balloon Grating	82	3S302B	5	14.40
		82	3S302G	5	14.40
		110	4S302B	5	10.97
		110	4S302G	5	10.97
		110	4S302E	5	10.97
		110	4S302W	5	10.97
		160	6S302G	1	41.13
	Weathering Collar	82	3S300B	5	16.44
		110	4S300B	5	15.33
		110	4S300G	5	15.33
		110	4S300W	5	15.33
	SW/S Vent Cowl				
	♥	110	4S310B	1	55.38
	♥	110	4S310G	1	55.38
	♥	110	4S310E	1	55.38
	Flexible Vent Pipe				
	– connects to ridge tile adaptor. Length 500mm	110	4S308B	1	133.90
Air Admittance Valves					
	OsmaVent 40 Air Admittance Valve – fits 1¼" / 32mm and 1½" / 40mm pipe				
	▲	40	4S303W	1	82.98
	OsmaVent Air Admittance Valve – can also be adapted to fit 82mm soil				
	▲	110	4S304W	1	187.54
	Domestic Air Admittance Valve All				
	▲	110	4S306G	1	121.79
Pipe Flashings					
	VariPitch Pipe Flashing – 400mm x 400mm – for flat roofs		4S281G	1	149.16
	– 450mm x 450mm – for pitched roofs		4S283G	1	143.68
Roof Outlets					
	SW/S Domed Roof Outlet	82	3S414G	1	139.35
		110	4S414G	1	154.60

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Rainwater Hopper and Shoe Hopper Head	82	3S530B	1	111.45
		110	4S326B	5	93.76
		110	4S326G	5	93.76
	S/S Rainwater Pipe Shoe	82	3S288B	5	53.23
		110	4S288B	1	79.44
		110	4S288G	1	79.44
Cleaners, Solvent Cements, Lubricants					
	Degreasing Cleaner No.1 – 250ml can	–	4S380G	10	19.71
	Solvent Cement No. 2 – 125ml can	–	4S383G	10	22.84
	– 250ml can	–	4S384G	10	30.74
	– 500ml can	–	4S385G	10	66.91
					
	Solvent Cement Filler – 140ml tube	–	4S394G	5	32.38
	Silicone Lubricant – 50g tube	–	4S391G	5	25.65
	Silicone Lubricant Spray – 400ml can	–	4S392	1	44.66

OasmaWeld

ABS Solvent Weld waste

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Pipe				
	P/E Pipe – 3.0m				
	♥	32	4Z073B	10	15.56
	♥	32	4Z073W	10	15.56
	♥	40	5Z073B	10	19.23
	♥	40	5Z073W	10	19.23
	♥	50	2Z073B	10	24.66
	P/E Pipe – 4.0m				
	♥	32	4Z074G	10	20.75
	♥	40	5Z074G	10	25.59
	♥	50	2Z074G	10	32.88
	Bracket				
	Pipe Bracket				
	♥	32	4Z081B	30	1.17
	♥	32	4Z081G	30	1.17
	♥	32	4Z081W	30	1.17
	♥	40	5Z081B	30	1.19
	♥	40	5Z081G	30	1.19
	♥	40	5Z081W	30	1.19
	♥	50	2Z081B	20	2.41
	Sockets				
	Double Socket				
	♥	32	4Z104B	20	3.32
	♥	32	4Z104G	10	3.32
	♥	32	4Z104W	20	3.32
	♥	40	5Z104B	30	3.41
	♥	40	5Z104G	30	3.41
	♥	40	5Z104W	30	3.41
	♥	50	2Z104B	10	6.80
	Expansion Socket – with solvent socket tail				
	♥	32	4Z124G	10	6.97
	♥	32	4Z124W	10	6.97
	♥	40	5Z124G	10	6.80
	♥	40	5Z124W	10	6.80
	♥	50	2Z124W	5	11.81
	Bends				
	Knuckle Bend – 90°				
	♥	32	4Z160B	10	4.41
	♥	32	4Z160G	10	4.41
	♥	32	4Z160W	10	4.41
	♥	40	5Z160B	20	5.21
	♥	40	5Z160G	20	5.21
	♥	40	5Z160W	20	5.21
	♥	50	2Z160B	10	8.17

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Spigot Bend – 90°				
	♥	32	4Z260B	15	6.01
	♥	32	4Z260G	15	6.01
	♥	32	4Z260W	15	6.01
	♥	40	5Z260B	15	5.84
	♥	40	5Z260G	15	5.84
	♥	40	5Z260W	15	5.84
	♥	50	2Z260B	10	7.42
	♥	50	2Z260G	10	7.42
	♥	50	2Z260W	10	7.42
	Bend – 87.5°				
	♥	32	4Z161B	10	4.64
	♥	32	4Z161G	10	4.64
	♥	32	4Z161W	25	4.64
	♥	40	5Z161B	10	5.54
	♥	40	5Z161G	10	5.54
	♥	40	5Z161W	10	5.54
	♥	50	2Z161B	5	8.66
	♥	50	2Z161G	5	8.66
	♥	50	2Z161W	5	8.66
	Bend – 45°				
	♥	32	4Z163B	20	4.15
	♥	32	4Z163G	20	4.15
	♥	32	4Z163W	20	4.15
	♥	40	5Z163B	20	4.64
	♥	40	5Z163G	20	4.64
	♥	40	5Z163W	20	4.64
	♥	50	2Z163B	10	8.86
	♥	50	2Z163G	5	8.86
	♥	50	2Z163W	5	8.86
	Bend – 45° – male and female				
	♥	32	4Z263B	5	3.52
	♥	32	4Z263W	5	3.52
	♥	40	5Z263B	10	4.10
	♥	40	5Z263G	10	4.10
	♥	40	5Z263W	10	4.10
	Long Tail Bend – 87.5°	50	2Z359G	5	13.82
	Tees				
	Tee – 87.5°				
	♥	32	4Z190B	10	5.50
	♥	32	4Z190G	10	5.50
	♥	32	4Z190W	10	5.50
	♥	40	5Z190B	5	5.80
	♥	40	5Z190G	5	5.80
	♥	40	5Z190W	5	5.80
	♥	50	2Z190B	10	11.94
	♥	50	2Z190G	5	11.94
	♥	50	2Z190W	5	11.94

OasmaWeld

ABS Solvent Weld waste

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Tee – 45°				
	♥	32	4Z210W	10	8.71
	♥	40	5Z210B	5	10.59
	♥	40	5Z210G	5	10.59
	♥	40	5Z210W	5	10.59
	♥	50	2Z210B	5	15.45
	♥	50	2Z210G	5	15.45
	♥	50	2Z210W	5	15.45
	Cross Tee				
	Cross – 87.5°				
	♥	40	5Z230W	5	18.66
	Plug				
	Access Plug				
	♥	32	4Z292B	10	4.58
	♥	32	4Z292G	5	4.58
	♥	32	4Z292W	5	4.58
	♥	40	5Z292B	15	4.82
	♥	40	5Z292G	15	4.82
	♥	40	5Z292W	15	4.82
	♥	50	2Z292B	5	8.52
	♥	50	2Z292G	5	8.52
	♥	50	2Z292W	5	8.52
Connectors and Adaptors					
	Straight Adaptor				
	– Push fit to solvent weld				
	♥	32	4Z120W	10	4.84
	Straight Tank Connector				
	♥	32	4Z185W	10	11.56
	♥	40	5Z185W	5	11.98
	Universal Connector				
	– for BS EN 1329, 1451, 1455 and 1566 pipe				
	♥	32	4W102B	10	6.82
	♥	32	4W102G	10	6.82
	♥	32	4W102W	10	6.82
	♥	40	5W102B	5	6.82
	♥	40	5W102G	5	6.82
	♥	40	5W102W	5	6.82
	Male Cap and Liner				
	– male threaded component				
	♥	32	4Z363W	10	7.13
	Female Cap and Liner				
	– female threaded component				
	♥	40	5Z363W	10	7.13
	♥	32	4Z364W	5	4.63
	♥	40	5Z364W	5	5.21

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Female Iron Connector – solvent weld socket and BSPT socket	32	4Z127W	5	9.72
		40	5Z127W	10	10.27
	Male Iron Connector – SW/S and BSPT spigot ♥ ♥ ♥	32	4Z128W	5	9.18
		40	5Z128W	10	9.72
		50	2Z128W	5	12.10
Reducers					
	Socket Reducer – 2"/50mm x 1¼"/32mm	50	2Z088B	10	5.82
		50	2Z088G	5	5.82
		50	2Z088W	5	5.82
	Socket Reducer – 2"/50mm x 1½"/40mm	50	2Z086B	10	5.67
		50	2Z086G	5	5.67
		50	2Z086W	5	5.67
	Socket Reducer – 1½"/40mm x 1¼"/32mm	40	5Z455B	10	3.12
		40	5Z455G	10	3.12
		40	5Z455W	10	3.12
	Waste to Overflow Reducer – 32x21.5mm – solvent weld – 40x21.5mm – solvent weld	32	1E344B	5	5.21
		32	1E344W	5	5.21
		40	1E346B	5	5.21
		40	1E346W	5	5.21
	Reducer to 21.5mm pipe – synthetic rubber	32	4Z343G	10	3.98
	Reducer to 35mm copper pipe – synthetic rubber	40	5Z344G	10	4.10
	Reducer – 2"/50mm x 1¼"/32mm – synthetic rubber	50	2Z347G	5	7.60
	Reducer to 42mm copper pipe – synthetic rubber	50	2Z349G	5	7.20
	Level Invert Reducer – 1½"/40mm x 1¼"/32mm	40	5Z085B	5	4.15
		40	5Z085G	5	4.15
		40	5Z085W	5	4.15
Air Admittance Valve					
	OsmaVent 40 Air Admittance Valve – fits 1¼" / 32mm and 1½" / 40mm pipe	40	4S303W	1	82.98

Osma Waste

PVC-C Solvent Weld waste pipe and fittings

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
Pipe					
	P/E Pipe – 3.0m				
	♥	32	4M073B	10	25.50
	♥	32	4M073E	10	25.50
	♥	32	4M073W	10	25.50
	♥	40	5M073B	10	27.82
	♥	40	5M073E	10	27.82
	♥	40	5M073W	10	27.82
	♥	50	2M073B	5	42.80
	♥	50	2M073E	10	42.80
	♥	50	2M073W	5	42.80
Bracket					
	Pipe Bracket				
	♥	32	4M081B	40	1.17
	♥	32	4M081E	40	1.17
	♥	32	4M081W	20	1.17
	♥	40	5M081B	35	1.19
	♥	40	5M081E	35	1.19
	♥	40	5M081W	35	1.19
	♥	50	2M081B	10	2.41
	♥	50	2M081E	20	2.41
	♥	50	2M081W	10	2.41
Sockets					
	Double Socket				
	♥	32	4M104B	10	4.80
	♥	32	4M104E	20	4.80
	♥	32	4M104W	10	4.80
	♥	40	5M104B	10	6.05
	♥	40	5M104E	20	6.05
	♥	40	5M104W	10	6.05
	♥	50	2M104B	5	9.82
	♥	50	2M104E	10	9.82
	♥	50	2M104W	5	9.82
	Expansion Socket	32	4M124E	10	10.14
	– with solvent socket tail	32	4M124W	10	10.14
		40	5M124E	10	10.59
		40	5M124W	10	10.59
		50	2M124E	5	18.92
		50	2M124W	5	18.92
Bends					
	Knuckle Bend – 90°				
	♥	32	4M160B	30	7.17
	♥	32	4M160E	30	7.17
	♥	32	4M160W	30	7.17
	♥	40	5M160B	30	8.44
	♥	40	5M160E	30	8.44
	♥	40	5M160W	30	8.44
	♥	50	2M160B	5	15.07
	♥	50	2M160E	5	15.07
	♥	50	2M160W	5	15.07

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Bend – 87.5°				
	♥	32	4M161B	10	8.77
	♥	32	4M161E	10	8.77
	♥	32	4M161W	10	8.77
	♥	40	5M161B	40	10.59
	♥	40	5M161E	40	10.59
	♥	40	5M161W	40	10.59
	♥	50	2M161B	5	14.72
	♥	50	2M161E	5	14.72
	♥	50	2M161W	5	14.72
	Bend – 45°				
	♥	32	4M163B	10	6.66
	♥	32	4M163E	10	6.66
	♥	32	4M163W	10	6.66
	♥	40	5M163B	20	7.49
	♥	40	5M163E	20	7.49
	♥	40	5M163W	20	7.49
	♥	50	2M163B	5	12.66
	♥	50	2M163E	5	12.66
	♥	50	2M163W	5	12.66
	Spigot Bend – 90°				
	♥	32	4M260B	5	9.26
	♥	32	4M260E	5	9.26
	♥	32	4M260W	5	9.26
	♥	40	5M260B	10	11.17
	♥	40	5M260E	10	11.17
	♥	40	5M260W	10	11.17
	♥	50	2M260B	5	16.60
	♥	50	2M260E	5	16.61
	♥	50	2M260W	5	16.61
	Tee				
	Tee – 87.5°				
	♥	32	4M190B	5	11.46
	♥	32	4M190E	5	11.46
	♥	32	4M190W	5	11.46
	♥	40	5M190B	15	13.06
	♥	40	5M190E	15	13.06
	♥	40	5M190W	15	13.06
	♥	50	2M190B	5	20.35
	♥	50	2M190E	5	20.35
	♥	50	2M190W	5	20.35
	Plug				
	Access Plug				
	♥	32	4M292B	5	7.09
	♥	32	4M292E	5	7.09
	♥	32	4M292W	5	7.09
	♥	40	5M292B	5	6.97
	♥	40	5M292E	5	6.97
	♥	40	5M292W	5	6.97
	♥	50	2M292B	5	12.11
	♥	50	2M292E	5	12.11
	♥	50	2M292W	5	12.11

Osma Waste

PVC-C Solvent Weld waste pipe and fittings

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Reducers				
	Reducer – 1½" / 40mm x 1¼" / 32mm				
	♥	40	5M455B	10	4.46
	♥	40	5M455E	10	4.46
	♥	40	5M455W	10	4.46
	Reducer – 2" / 50mm x 1¼" / 32mm				
	♥	50	2M458B	5	8.41
	♥	50	2M458E	5	8.41
	♥	50	2M458W	5	8.41
	Reducer – 2" / 50mm x 1½" / 40mm				
	♥	50	2M456B	5	8.41
	♥	50	2M456E	5	8.41
	♥	50	2M456W	5	8.41

Osma Waste

PP Push-fit waste

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Pipe				
	P/E Pipe – 3.0 metre				
	♥	32	4W073B	10	10.93
	♥	32	4W073G	10	10.93
	♥	32	4W073W	10	10.93
	♥	40	5W073B	10	12.65
	♥	40	5W073G	10	12.65
	♥	40	5W073W	10	12.65
	Bracket				
	Pipe Bracket				
	♥	32	4W081B	30	1.10
	♥	32	4W081G	30	1.10
	♥	32	4W081W	30	1.10
	♥	40	5W081B	30	1.03
	♥	40	5W081G	30	1.03
	♥	40	5W081W	30	1.03
	Socket				
	Double Socket				
	♥	32	4W105B	15	3.58
	♥	32	4W105G	15	3.58
	♥	32	4W105W	15	3.58
	♥	40	5W105B	15	3.81
	♥	40	5W105G	15	3.81
	♥	40	5W105W	15	3.81
	Bends				
	Knuckle Bend – 90°				
	♥	32	4W160B	10	3.31
	♥	32	4W160G	10	3.31
	♥	32	4W160W	10	3.31
	♥	40	5W160B	30	3.32
	♥	40	5W160G	30	3.32
	♥	40	5W160W	30	3.32
	Bend – 87.5°				
	♥	32	4W161B	10	3.58
	♥	32	4W161G	10	3.58
	♥	32	4W161W	10	3.58
	♥	40	5W161B	10	3.58
	♥	40	5W161G	10	3.58
	♥	40	5W161W	10	3.58
	♥	40	5W161W	10	3.58

Osma Waste

PP Push-fit waste

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Bend – 45°				
	♥	32	4W163B	15	3.58
	♥	32	4W163G	15	3.58
	♥	32	4W163W	15	3.58
	♥	40	5W163B	20	3.31
	♥	40	5W163G	20	3.31
	♥	40	5W163W	20	3.31
	♥	50	2W163G	5	6.82
	Spigot Bend – 30°				
	♥	32	4W166B	10	3.31
	♥	32	4W166W	10	3.31
	♥	40	5W166B	5	3.31
	♥	40	5W166G	5	3.31
	♥	40	5W166W	5	3.31
	Spigot Bend – 90°				
	♥	32	4W260B	10	3.81
	♥	32	4W260G	10	3.81
	♥	32	4W260W	10	3.81
	♥	40	5W260B	10	3.81
	♥	40	5W260G	10	3.81
	♥	40	5W260W	10	3.81
	♥	50	2W260W	5	6.31
	Tee				
	Tee – 87.5°				
	♥	32	4W190B	15	3.81
	♥	32	4W190G	15	3.81
	♥	32	4W190W	15	3.81
	♥	40	5W190B	10	3.32
	♥	40	5W190G	10	3.32
	♥	40	5W190W	10	3.32
	♥	50	2W190G	5	6.31
	♥	50	2W190W	5	6.31
	Plug				
	Access Plug				
	♥	32	4W292B	5	3.58
	♥	32	4W292G	5	3.58
	♥	32	4W292W	5	3.58
	♥	40	5W292B	5	3.31
	♥	40	5W292G	5	3.31
	♥	40	5W292W	5	3.31
	♥	50	2W292G	10	6.45
	♥	50	2W292W	10	6.45
	Connectors and Adaptors				
	Universal Connector				
	– for BS EN 1329, 1451, 1455 and 1566 pipe				
	♥	32	4W102B	10	6.82
	♥	32	4W102G	10	6.82
	♥	32	4W102W	10	6.82
	♥	40	5W102B	5	6.82
	♥	40	5W102G	5	6.82
	♥	40	5W102W	5	6.82
	♥	50	2W102G	10	6.56

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Tank Connector ♥	40	5W185B	5	4.24
	Reducers Reducer – 1½" / 40mm x 1¼" / 32mm	40	5W084B	5	3.31
		40	5W084G	5	3.31
		40	5W084W	5	3.31
	Reducer – 2" / 50mm x 1¼" / 32mm	50	2W088G	5	5.64
		50	2W088W	5	5.64
	Reducer – 2" / 50mm x 1½" / 40mm	50	2W086G	5	6.31
		50	2W086W	5	6.31
	Reducer 32 x 21.5mm – Push-fit	32	1C344W	5	5.21
	40 x 21.5mm – Push-fit	40	1C346W	10	5.21
	Air Admittance Valve OsmaVent 40 Air Admittance Valve – fits 1¼" / 32mm and 1½" / 40mm pipe	40	4S303W	1	82.98

Osma Waste

Waste connectors and V-Joint traps

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
Flexible Waste Pipe					
	Flexible Connector	32	4V901W	1	25.21
	450mm	40	5V901W	1	25.73
	Spigot Connector – 165mm to 290mm	40	5V902W	1	18.73
Bottle Traps					
	Bottle Trap – 38mm seal	32	4V809W	1	18.46
		40	5V809W	1	24.52
	Bottle Trap – 75mm seal	32	4V812W	1	22.98
		40	5V812W	1	28.14
	Anti-Syphon Bottle Trap – 75mm seal	32	4V814W	1	30.65
		40	5V814W	1	38.68
	Resealing Bottle Trap – 75mm seal	32	4V816W	1	30.65
		40	5V816W	1	38.69
	Adjustable Bottle Trap – 75mm seal	32	4V808W	1	33.21
		40	5V808W	1	39.83
Tubular Traps					
	Tubular 'P' Trap – 75mm seal	32	4V801W	1	17.60
		40	5V801W	1	20.03
	Tubular 'S' Trap – 75mm seal	32	4V803W	1	21.54
		40	5V803W	1	32.27
	Adjustable Tubular 'P' Trap – 75mm seal	32	4V807W	1	26.12
		40	5V807W	1	30.43
	Variform Trap – 75mm seal	32	4V804W	1	33.04
	Running 'P' Trap – 75mm seal	40	5V805W	1	35.32

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Straight Through Trap – 75mm seal	32	4V825W	1	29.32
	Plumbing Kit 1 – to suit 1.5 or 2 bowl sink	40	5V408W	1	54.29
	Swivel 'P' Trap	32	4V811W	10	15.68
		40	5V811W	10	17.02
	Bath Traps Bath Trap – 38mm seal	40	5V802W	1	23.42
	Bath Trap – shallow seal	32	4V806W	1	19.13
		40	5V806W	1	15.89
	Bath Trap – 75mm seal	40	5V846W	1	29.71
	Bath Trap and Overflow – 75mm	40	5V848W	1	74.71
	Anti-Syphon Bath Trap	40	5V842W	1	32.61
	Bath Trap Extended Body – 60mm seal	40	5V860W	1	65.63
	Shower Traps Shower Trap – 19mm seal	40	5V823W	1	38.59

Osma Waste

Waste connectors and V-Joint traps

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Floor Gullies Vinyl Floor Gully – 82mm outlet	82	2V411G	1	219.69
	Floor Gully – c/w stainless steel tile and grid	50	2V502G	1	124.82
	Rubber Boss Adaptor * – 2" / 50 plastic or copper pipe	32	2S498B	10	10.37
		40	2S499B	10	10.37
		50	2S503B	10	10.82
	* for use with Osma 2V411 and 2V502 Floor Gullies only				
	Stainless Steel Tile and Grid	-	2V414G	1	138.78
	Gully Funnel Bowl	-	2V415G	1	17.61
	Gully Extension Bowl	-	2V416G	1	17.61
	Gully Funnel	-	2V418G	1	23.21
	Washing Machine Sink Traps Washing Machine Half Trap – 75mm seal	40	5V864W	1	35.48
	Adjustable Sink Trap – 75mm seal	40	5V869W	1	52.07
	Tubular Swivel Sink Trap – 40mm x 75mm (adjustable) with 19/22mm connection	40	5V407W	1	46.04
	Washing Machine Trap Kit Includes stand pipe and 2 brackets – 75mm seal	40	5V870W	1	30.33
	Washing Machine Tee Piece	40	5V871W	1	16.25

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
Ancillaries					
	Conversion Bend – 90°	32	4A830W	20	6.33
	– for "P" Trap to convert to "S" Trap	40	5A830W	10	6.80
	Top Trap Washer	40	5V002W	50	2.05
	Bottle Trap Bowl Washer				
	– for 4V809/4V812, 5V809/5V812	32	4V003W	50	2.52

Osma Condensate

Condensate drainage

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Soakaway Soakaway – 110mm OD with 21.5/32/40mm pipe connections	110	1V403G	1	99.02
Connectors and Adaptors					
	Overflow to Waste Clamp For connection to 32mm or 40mm Push-fit or Solvent Weld pipe	21.5	AO21 WH	1	28.98
	Pipe Clamp – 32/40mm waste and 21.5mm connection	21.5	1V402W	1	49.53
	Tubular Swivel Trap – 40mm x 75mm (adjustable) with 21.5mm connection	40	5V407W	1	46.04
	Tubular Swivel Trap – 40mm x 75mm (adjustable) with 21.5mm connection and washing machine nozzle	40	5V468W	1	52.81
	Reducer – to 21.5mm pipe – synthetic rubber	32	4Z343G	10	3.98

Osma Overflow

ABS / PVC-U Solvent Weld and PP Push-fit

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Pipe				
	P/E Pipe				
	3.0m Solvent	21.5	1E073W	10	8.06
	4.0m Push-fit	21.5	1C074W	10	9.57
	Pipe Clip				
	Solvent	21.5	1E082W	10	1.27
	Push-fit				
	Double Socket				
	Solvent	21.5	1E104W	30	3.61
	Push-fit	21.5	1C104W	10	3.61
	Bends				
	Solvent – 90°	21.5	1E160W	10	3.75
	Push-fit – 90°	21.5	1C160W	30	3.51
	Solvent – 45°	21.5	1E166W	10	4.30
	Push-fit – 45°	21.5	1C163W	20	4.30
	Solvent – 25°	21.5	1E163W	10	4.30
	Tee				
	Solvent – 90°	21.5	1E190W	5	4.63
	Push-fit – 90°	21.5	1C190W	5	5.03
	Tank Connectors				
	Straight Tank Connector	21.5	1E129W	5	5.64
	Bent Tank Connector				
	90° Solvent	21.5	1E139W	5	6.29
	90° Push-fit	21.5	1C139W	5	6.58
	– cut off bend to convert to straight connector				
	Reducers				
	Reducer Solvent Weld				
	32x21.5mm	32	1E344B	5	5.21
	32x21.5mm	32	1E344W	5	5.21
	40x21.5mm	40	1E346B	5	5.21
	40x21.5mm	40	1E346W	5	5.21
	Reducer Push-fit				
	32x21.5mm	32	1C344W	5	5.21
	40x21.5mm	40	1C346W	10	5.21

Osma Overflow

ABS / PVC-U Solvent Weld and PP Push-fit

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Cap and Lining Cap and Lining	21.5	1E156W	20	5.21
	Adaptors Compression Fitting Adaptor – straight – for connection to BS 659 compression fitting and 23mm plastic overflow pipe.	21.5	1O158W	10	3.61
	Compression Fitting Adaptor – 90° – for connection to BS 659 compression fitting and 23mm plastic overflow pipe.	21.5	1O159W	10	4.30

Osma Hep_vO Waste

Hygienic self-sealing waste valves – Polypropylene

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Hep_vO Hygienic Self Sealing Waste Valve	32	BV1 WH	10	32.93
	Hep _v O Valve	40	CV1 WH	10	32.93
	Hep_vO Knuckle Adaptor	32	BV11 WH	10	8.31
	Hep _v O 87.5° Knuckle Adaptor	40	CV11 WH	10	8.31
	Hep_vO Running Adaptor	32	BV3 WH	10	7.92
	For installing Hep _v O in a pipe run	40	CV3 WH	10	7.92
	Hep_vO Tundish Adaptor	32	BV1/21 WH	5	44.52
	Hep _v O Tundish Adaptor Kit				

Osma Problem Solvers

Flexible waste pipe

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Flexible Waste Pipe – Smooth Bore – use with Spigot Connectors				
	3.0m	32	FBP3 WH	1	30.75
	3.0m	40	FCP3 WH	1	30.75
	6.0m	32	FBP6 WH	1	61.45
	6.0m	40	FCP6 WH	1	61.45
	Spigot Connectors – To Push-fit Waste	40	FCW6 WH	1	2.72
	– To Solvent Weld Waste				
		32	FSBW6 WH	10	2.72
		40	FSCW6 WH	10	2.72
	Flexible Waste Connector – Spigot : Spigot				
	Effective length				
	Fabricated length				
	– To Push-fit Waste 365	40	FCW30 WH	1	14.37
	Fabricated length				
	– To Solvent Weld Waste 365	40	FSCW30 WH	1	14.37

Flexible soil pipe

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Flexible Pan Connector – Long	110	S170 WH	1	50.80
	Nominal length 280mm, nominal extended length 920mm				
	Flexible Pan Connector – Short	110	S171 WH	1	48.70
	Nominal length 230mm, nominal extended length 670mm				
	Flexible Pan Connector – Extra Short	110	S172 WH	1	46.60
	Nominal length 195mm, nominal extended length 410mm				

Osma Problem Solvers

Condensate fittings

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Condensate Soakaway	21.5	S951 BL	1	36.80

Introduction to

Wavin Industrial and Commercial systems

Wavin's range of hot and cold plumbing and soil and waste systems have been designed for industrial and commercial applications.

The range includes Wavin AS acoustic soil, ideal for multi-residential projects and Wavin Compact soil for when space is at a premium.

Wavin's industrial and commercial range is backed up by dedicated expert support for specifiers and contractors.

Products are available in packs or as singles.

Key to abbreviations

B	Black	E	Olive
G	Grey	W	White

P/E – Pipe and fittings with both ends plain or with one plain end and one special end.

S/S – Pipe and fittings with one or more ring-seal or push-fit sockets, but always one plain or special end.

D/S – Fittings with ring-seal or push-fit sockets at all ends.

S/SW – Fittings with one or more ring-seal sockets but always one solvent socket.

SW/S – Fittings with one or more solvent sockets and one plain or special end.

D/SW – Fittings with solvent sockets at all ends.

Symbols

British Standards Kitemark

Identifies pipe and fittings manufactured under the BSI Kitemark Certification Scheme.

British Board of Agrément

BBA Logo Identifies non-Kitemarked fittings covered by a British Board of Agrément Certificate.

WRAS Water Regulations Advisory Scheme

Identifies pipe and fittings that are WRAS approved.

BRE Building Research Establishment

BRE identifies products that have attained BRE approval.

WIS Water Industry Specification

WIS identifies products that conform to Water Industry Specifications.

Acceptance

a) British Standards Institution

♥ Wavin Systems comply, where applicable, with the requirements of the following British Standards:

BS EN 1566-1: 2000 – Plastic piping systems for soil and waste discharge (low and high temperature) within the building structure – Chlorinated poly (vinyl chloride) (PVC-C).

ABS pipe clips to BS EN 1455.

BS EN 1453-1:2000 – Plastics piping systems with structured-wall pipes for soil and waste discharge (low and high temperature) inside buildings. Unplasticized poly (vinyl chloride) (PVC-U). Specifications for pipes and the system.

BS EN 1329: 2001 – Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure. Unplasticized poly(vinyl chloride) (PVC-U). Specifications for pipes, fittings and the system.

BS EN 1451-1: 2000 – Polypropylene waste pipe and fittings.

BS 6209: 1982 – Solvent cement for non pressure thermoplastics pipe systems.

BS EN 12380:2002 – Air admittance valves for drainage systems.

Requirements, test methods and evaluation of conformity.

b) LABC

Wavin AS Acoustic Soil is System Type Approved to Cert. No. 377-9-7038, Tested in accordance with BS EN 1451.

c) DIN

Wavin AS Acoustic Soil conforms with the acoustic requirements for pipework laid down in DIN 4109, achieving a sound performance of under 30dB (A) at 2l/s.

Wavin AS Acoustic Soil also has worldwide approvals in Germany, Denmark, Norway, Sweden, Australia, Turkey and Poland.

d) British Board of Agrément

The system has been awarded the following certificates:

86/1643 110 and 40 Air Admittance Valves.

89/2174 110mm Adjustable Bends.

e) ♥WRAS

Hep2O is approved (certificate 1312005) – deemed safe for use in the supply of drinking water.

The Silicone Lubricant Spray has WRAS approval for use with potable water.

Important note: Fittings of all product ranges must be ordered in their pack multiples as illustrated in price list.

Wavin AS+

Acoustic Soil system – Astolan® and PVC-U

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Pipe				
	S/S Pipe				
	3.0m	50	3080063	123	21.84
	0.15m	110	3080030	8	32.63
	2.0m	110	3080034	1	49.61
	3.0m	110	3080036	1	63.43
	0.15m	160	3080044	2	54.80
	3.0m	160	3080050	18	121.46
	Couplers				
	Double Socket Coupler				
		50	3080016	18	6.88
		110	3080012	8	22.60
		160	3080014	6	43.63
	Bends				
	Bends – 15°, 30°, 45°, 67°, 87°				
	15°	50	3079965	20	6.87
	30°	50	3079966	18	6.87
	45°	50	3079967	16	5.65
	67°	50	3079968	12	6.87
	87°	50	3079969	12	5.65
	15°	110	3079950	8	21.96
	30°	110	3079951	6	23.47
	45°	110	3079952	8	24.77
	67°	110	3079953	6	25.11
	87°	110	3079954	4	25.75
	15°	160	3079959	4	49.83
	30°	160	3079960	4	51.21
	45°	160	3079961	3	52.64
	87°	160	3079962	3	56.52
	Long Bend – 45°				
	45°	110	3080026	3	29.31
	Branches				
	Branch – 45° and 87°				
	45°	50/50	3079996	6	12.33
	87°	50/50	3079997	6	12.33
	45°	110/50	3079982	4	27.56
	87°	110/50	3079983	4	27.56
	45°	110/110	3079981	2	41.76
	87°	110/110	3079980	4	74.89
	45°	160/110	3079991	2	85.65
	87°	160/110	3079992	2	85.65
	45°	160/160	3079994	1	118.23
	Double Branch – 87°				
		110/110 /110	3080010	2	140.11

Note: Wavin AS+ is available in light grey.

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Corner Branch – 87°	110/110 /110	3080008	2	202.04
	Shower Double Branch – 87°	110/110 /50	3080095	2	92.11
	Shower Double Branch – 87° left	110/110 /50	3080096	2	92.11
	Shower Double Branch – 87° right	110/110 /50	3080097	2	92.11
	D/S WC Manifold Branch				
	Straight	110	3020490	1	153.46
	8° left hand	110	3020491	1	153.46
	15.5° left hand	110	3020492	1	153.46
	23° left hand	110	3020493	1	153.46
	30.5° left hand	110	3020494	1	153.46
	38° left hand	110	3020495	1	153.46
	8° right hand	110	3020496	1	153.46
	15.5° right hand	110	3020497	1	153.46
	23° right hand	110	3020498	1	153.46
	30.5° right hand	110	3020499	1	153.46
	38° right hand	110	3020500	1	153.46
	Soil & Waste Connections				
	S/S Soil Manifold	110	3065902	1	76.14
	All-Fit Reducer – 40:32mm – 1½" / 40 x 1¼" / 32 for use with 3065902	40	4Z124W•	10	6.97
	All-Fit Reduction Bend – 50:40mm – 2" / 50 x 1½" / 40 for use with 3065902	50	2S355W•	10	11.53
	All-Fit 90° Spigot Bend – 50mm – 2" / 50 for use with 3065902	50	2S356W•	5	18.97

Note: Wavin AS+ is available in light grey. • OAG discount applies.

Wavin AS+

Acoustic Soil system – Astolan® and PVC-U

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Repair Coupler	110	3080088	8	15.64
		160	3080090	6	45.56
	Long Socket	50	3080023	5	9.51
		110	3080019	8	18.25
		160	3080021	3	44.58
	End Cap	50	3080106	24	6.39
		110	3080103	8	15.04
		160	3080105	8	55.34
	Reducer	110/50	3080078	6	15.66
		160/110	3080082	6	30.14
	Reducer	50/40	5Z124W	10	6.80
	Access Piece	50	3079917	6	24.94
		110	3079913	4	51.67
		160	3079915	2	122.61
Accessories					
	Wavin LKS-clamp	50	4065138	50	18.25
		110	4065141	20	18.25
		160	4065143	10	18.25
	Gasket EPDM	50	4065145	1	2.34
		110	4065188	1	1.94
		160	4065190	1	4.77
	Gasket NBR	50	4065192	1	2.34
		110	4025566	1	2.34
		160	4025568	1	2.34
	Wavin System Bracket	50	4066449	50	7.78
		110	4066452	25	11.12
		160	4066454	10	17.21
	M10 x 80mm Bolt		3020511	50	15.32
	Firecollar BM-R90	50	4026102	32	59.44
		110	4026106	24	88.68
		160	4026109	5	190.73

Wavin Compact

PVC-U Solvent Soil

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
  	Pipe				
	P/E Pipe – 3.0m ♻️ ♻️	110	4S073E	2	76.67
	P/E Pipe – 4.0m ♻️ ♻️	82	3S074G	2	118.79
	♻️ ♻️	110	4S074E	2	102.22
	♻️ ♻️	160	6S074E	2	357.64
Brackets					
	Pipe Bracket ♻️	82	3S082G	5	9.14
	♻️	110	4S082E	20	7.81
	♻️	160	6S082E	1	28.66
	Socket Bracket ♻️	82	3S083G	5	11.83
	♻️	110	4S083E	5	10.14
	Pipe or Socket Bracket – BZP coated steel ♻️	110	4S084	10	22.56
	♻️	160	6S084	1	47.60
Suspended Bracketing System (Not suitable for damp inaccessible voids)					
	Adjustable Pipe Bracket Assembly (pack containing threaded rod, threaded bracket, bracket plate and pipe/socket bracket) – BZP coated steel	110	4S086	1	73.32
		160	6S086	1	104.52
	Adjustable Socket Bracket and Brace Assembly (pack containing threaded rod, threaded bracket, bracket plate, two adjustable braces and pipe/socket bracket) – BZP coated steel	110	4S085	1	150.91
Sockets					
	D/SW Double Socket ♻️	110	4S104E	10	17.19
	♻️	160	6S104E	1	41.62
	S/SW Single Socket ♻️	82	3S124G	5	20.03
	♻️	110	4S124E	5	17.89
	♻️	160	6S124E	5	61.23
	D/S Acoustic Socket ♻️	110	4S125E	5	27.17

Note: ♻️ Recycore Technology applies to 110mm and 160mm sizes only.

Wavin Compact

PVC-U Solvent Soil

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Reducers SW/S Reducer 110mm x 50mm ♥	110	4S496E	5	35.64
	160mm x 110mm ♥	160	6S499E	1	67.18
	Expansion Cap Expansion Cap – with integral ring–seal	110	4S416E	5	8.29
		160	6S416E	5	21.33
	Bends D/SW Bend 87.5° ♥	110	4S461E	5	46.58
	♥	160	6S461E	1	122.70
	45° ♥	110	4S463E	5	46.52
	♥	160	6S463E	1	125.67
	SW/S Bend 45° ♥	110	4S263E	5	50.38
	11.25° ♥	110	4S268E	5	48.61
	SW/S Long Tail Bend – 87.5° ♥	110	4S260E	5	53.52
	Offset Bends SW/S Offset Bend – 67.5° (Bottom) ♥	82	3S435G	5	42.38
	♥	110	4S435E	5	44.21
	S/SW Offset Bend – 67.5° (Top) ♥	82	3S440G	5	50.01
	♥	110	4S440E	5	60.65
	D/SW Offset Bend – 67.5° (Top) ♥	110	4S450E	5	49.33
	Boss Adaptors Solvent Weld – 90° ♥	40	2CS812SE	10	10.44
	♥	50	2CS813SE	10	14.84
	Solvent Weld – Straight ♥	32	2CS814SE	10	8.70
	♥	40	2CS815SE	10	8.04
	♥	50	2CS816SE	10	9.58

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
Branches					
	D/SW Double 2-Boss Branch – 87° ♥	110	4CS829SE	1	164.83
	SW/S Double 2-Boss Branch – 87.5° ♥	110	4CS831SE	1	164.83
	D/SW Double 4-Boss Branch – 87.5° ♥	110	4CS832SE	1	164.83
	SW/S Double 4-Boss Branch – 87.5° ♥	110	4CS834SE	1	164.83
	SW/S Corner Branch – 87.5° ♥	110	4CS491SE	1	291.69
Access Branch					
	D/SW 2-Boss Access Branch – 87.5° ♥	110	4CS893SE	1	124.95
Single Branches					
	D/SW Single Branch 45° ♥	110	4S410E	5	74.44
	SW/S Single 3-Boss Branch – 87.5° ♥	110	4CS889SE	1	67.86
	D/SW Single 3-Boss Branch – 87.5° ♥	110	4CS890SE	5	65.85
	S/SW Single 3-Boss Branch – 87.5° ♥	110	4CS892SE	5	65.88
	D/SW Single Branch – 87.5° (No Bosses) ♥	160	6S490E	1	209.50

Wavin Compact

PVC-U Solvent Soil

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Single 5-Boss Branches SW/S Single 5-Boss Branch – 87.5° ♥	110	4CS895SE	5	68.54
		110	4CS897SE	1	68.54
	Soil Manifolds 6 Boss Manifold	110	4S597E	1	74.49
	Bossed Pipes D/SW Short 3-Boss Pipe ♥	110	4CS588SE	1	17.03
	D/SW Bossed Pipe – plain (four boss sockets) ♥	110	4CS586SE	1	22.77
	SW/S Bossed Pipe – plain (four boss sockets) ♥	110	4CS585SE	5	22.77
	D/SW Bossed Pipe (Solvent Weld) – for 1¼" / 32mm BS EN 1329, 1455 and 1566 pipe ♥	110	4S483E	5	20.46
	– 1½" / 40mm BS EN 1329, 1455 and 1566 pipe ♥	110	4S484E	5	20.46
	Strap Boss Strap Boss ♥	110	4CS319SE	5	15.88
	Access Fittings D/SW Access Bend – 87.5° ♥	110	4S469E	5	117.39

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	D/SW 3-Boss Access Pipe – with screwed access and three boss sockets ♥	110	4CS474SE	5	82.74
	SW/S 3-Boss Access Pipe – with screwed access and three boss sockets ♥ ♥	110 160	4CS574SE 6CS474SE	5 5	82.74 176.97
Plugs					
	P/E Access Plug ♥ ♥	82 110	3S292G 4S292E	5 1	39.57 37.03
	SW/S Access Plug ♥	110	4S492E	5	46.65
	P/E Socket Plug – with one boss socket ♥	110	4S296E	5	26.11
Terminal Fittings					
	Balloon Grating	82 110	3S302G 4S302E	5 5	14.40 10.97
	Weathering Collar	82 110	3S300G 4S300E	5 5	17.39 16.22
	SW/S Vent Cowl ♥	110	4S310E	1	55.38
Roof Outlets					
	SW/S Domed Roof Outlet	82 110	3S414G 4S414G	1 1	139.35 154.60

Wavin Compact

PVC-U Ring-seal soil

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
 	Pipe				
	S/S Pipe – 3.0m	82	3S043G	2	91.07
	♻️ ♻️	160	6S043E	10	296.86
	S/S Pipe – 4.0m	82	3S044G	2	119.25
	♻️ ♻️	110	4S044E	2	107.53
	Sockets				
	D/S Double Socket – for repairs	82	3S105G	5	34.36
	♻️	110	4S105E	1	37.10
	♻️	160	6S105E	1	104.52
	Connectors				
	S/S Connector to CI or clay drain socket	110	4S107E	5	31.12
 	Reducers				
	S/S Reducer				
	82mm x 50mm	82	3S094G	5	41.98
	♻️				
	110mm x 50mm	110	4S096E	5	39.51
	110mm x 82mm	110	4S095E	5	36.23
	♻️				
	160mm x 110mm	160	6S099E	1	92.75
  	Bends				
	S/S Bend				
	87.5°	82	3S161G	5	40.68
	♻️	110	4S161E	5	47.37
	♻️				
	67.5°	82	3S162G	5	50.72
	♻️				
	45°	82	3S163G	5	40.68
	Adjustable Bends				
	S/S Adjustable Bend – 30°	110	4S173E	1	59.51

Note: ♻️ Recycore Technology applies to 110mm and 160mm sizes only.

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Boss Adaptors Push-fit – 90° ♥	32	2CS801SE	10	14.84
	♥	40	2CS802SE	10	14.84
	Push-fit – Straight ♥	32	2CS804SE	10	8.70
	♥	40	2CS805SE	10	8.70
	Branches S/S Double 2-Boss Branch – 87.5° ♥	110	4CS830SE	1	167.20
	Variable 6-Boss Branch S/S 110mm Variable 6-Boss Branch – 87.5° ♥	110	4CS852SE	5	139.76
	Single Branches S/S Single 2-Boss Branch – 87.5° ♥	82	3CS190SG	5	72.40
	S/S Single 3-Boss Branch – 87.5° ♥	110	4CS891SE	5	66.87
	Single 5-Boss Branches S/S Single 5-Boss Branch – 87.5° ♥	110	4CS896SE	5	86.66
	Unequal Single 5-Boss Branch D/S Unequal Single 5-Boss Branch – 87.5° ♥	160	6CS897SE	1	161.63
	Unequal Junctions S/S Unequal Junction 45° ♥	160	6CS218SE	1	289.71

Wavin Compact

PVC-U Ring-seal soil

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Manifolds Soil Manifold System ♥	110	4S595E	1	81.91
	 All-Fit Reducer – 40:32mm – 1½" / 40 x 1¼" / 32 for use with 4S595	40	4Z124W	10	6.97
	 All-Fit Reduction Bend – 50:40mm – 2" / 50 x 1½" / 40 for use with 4S595	50	2S355W	10	11.53
	 All-Fit 90° Spigot Bend – 50mm – 2" / 50 for use with 4S595	50	2S356W	5	18.97
	Bossed Pipes S/S Bossed Pipe – plain with one boss socket ♥	82	3CS649SG	10	38.83
	 S/SW Bossed Pipe – plain (four boss sockets) ♥	110	4CS590SE	5	32.99
	Access Fittings S/S Access Pipe – no bosses ♥	82	3S274G	5	79.94

Wavin Compact

PVC-C Solvent Weld waste

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Pipe				
	P/E Pipe – 3.0m				
	♥	32	4M073B	10	25.50
	♥	32	4M073E	10	25.50
	♥	32	4M073W	10	25.50
	♥	40	5M073B	10	27.82
	♥	40	5M073E	10	27.82
	♥	40	5M073W	10	27.82
	♥	50	2M073B	5	42.80
	♥	50	2M073E	10	42.80
	♥	50	2M073W	5	42.80
	Bracket				
	Pipe Bracket				
	♥	32	4M081B	40	1.17
	♥	32	4M081E	40	1.17
	♥	32	4M081W	20	1.17
	♥	40	5M081B	35	1.19
	♥	40	5M081E	35	1.19
	♥	40	5M081W	35	1.19
	♥	50	2M081B	10	2.41
	♥	50	2M081E	20	2.41
	♥	50	2M081W	10	2.41
	Sockets				
	Double Socket				
	♥	32	4M104B	10	4.80
	♥	32	4M104E	20	4.80
	♥	32	4M104W	10	4.80
	♥	40	5M104B	10	6.05
	♥	40	5M104E	20	6.05
	♥	40	5M104W	10	6.05
	♥	50	2M104B	5	9.82
	♥	50	2M104E	10	9.82
	♥	50	2M104W	5	9.82
	Expansion Socket				
	– with solvent socket tail				
	♥	32	4M124E	10	10.14
	♥	32	4M124W	10	10.14
	♥	40	5M124E	10	10.59
	♥	40	5M124W	10	10.59
	♥	50	2M124E	5	18.92
	♥	50	2M124W	5	18.92
	Bends				
	Knuckle Bend – 90°				
	♥	32	4M160B	30	7.17
	♥	32	4M160E	30	7.17
	♥	32	4M160W	30	7.17
	♥	40	5M160B	30	8.44
	♥	40	5M160E	30	8.44
	♥	40	5M160W	30	8.44
	♥	50	2M160B	5	15.07
	♥	50	2M160E	5	15.07
	♥	50	2M160W	5	15.07

Wavin Compact

PVC-C Solvent Weld waste

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Bend – 87.5°				
	♥	32	4M161B	10	8.77
	♥	32	4M161E	10	8.77
	♥	32	4M161W	10	8.77
	♥	40	5M161B	40	10.59
	♥	40	5M161E	40	10.59
	♥	40	5M161W	40	10.59
	♥	50	2M161B	5	14.72
	♥	50	2M161E	5	14.72
	♥	50	2M161W	5	14.72
	Bend – 45°				
	♥	32	4M163B	10	6.66
	♥	32	4M163E	10	6.66
	♥	32	4M163W	10	6.66
	♥	40	5M163B	20	7.49
	♥	40	5M163E	20	7.49
	♥	40	5M163W	20	7.49
	♥	50	2M163B	5	12.66
	♥	50	2M163E	5	12.66
	♥	50	2M163W	5	12.66
	Spigot Bend – 90°				
	♥	32	4M260B	5	9.26
	♥	32	4M260E	5	9.26
	♥	32	4M260W	5	9.26
	♥	40	5M260B	10	11.17
	♥	40	5M260E	10	11.17
	♥	40	5M260W	10	11.17
	♥	50	2M260B	5	16.60
	♥	50	2M260E	5	16.61
	♥	50	2M260W	5	16.61
	Tees				
	Tee – 87.5°				
	♥	32	4M190B	5	11.46
	♥	32	4M190E	5	11.46
	♥	32	4M190W	5	11.46
	♥	40	5M190B	15	13.06
	♥	40	5M190E	15	13.06
	♥	40	5M190W	15	13.06
	♥	50	2M190B	5	20.35
	♥	50	2M190E	5	20.35
	♥	50	2M190W	5	20.35
	Plug				
	Access Plug				
	♥	32	4M292B	5	7.09
	♥	32	4M292E	5	7.09
	♥	32	4M292W	5	7.09
	♥	40	5M292B	5	6.97
	♥	40	5M292E	5	6.97
	♥	40	5M292W	5	6.97
	♥	50	2M292B	5	12.11
	♥	50	2M292E	5	12.11
	♥	50	2M292W	5	12.11

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Reducers				
	Reducer				
	1½" / 40mm x 1¼" / 32mm				
	♥	40	5M455B	10	4.46
	♥	40	5M455E	10	4.46
	♥	40	5M455W	10	4.46
	2" / 50mm x 1¼" / 32mm				
	♥	50	2M458B	5	8.41
	♥	50	2M458E	5	8.41
	♥	50	2M458W	5	8.41
	2" / 50mm x 1½" / 40mm				
	♥	50	2M456B	5	8.41
	♥	50	2M456E	5	8.41
	♥	50	2M456W	5	8.41

Wavin Compact

Accessories – WC connectors

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
WC Manifold Branches (for WC to BS 5503)					
	S/SW Manifold Branch – Straight ♥	110	4S601W	1	236.03
	S/SW Manifold Branch – 8° (LH) ♥	110	4S602W	1	236.03
	(RH) ♥	110	4S612W	1	236.03
	S/SW Manifold Branch – 15.5° (LH) ♥	110	4S603W	1	236.03
	(RH) ♥	110	4S613W	1	236.03
	S/SW Manifold Branch – 23° (LH) ♥	110	4S604W	1	236.03
	(RH) ♥	110	4S614W	1	236.03
	S/SW Manifold Branch – 30.5° (LH) ♥	110	4S605W	1	236.03
	(RH) ♥	110	4S615W	1	236.03
	S/SW Manifold Branch – 38° (LH) ♥	110	4S606W	1	236.03
	(RH) ♥	110	4S616W	1	236.03
WC Connectors (for WCs to BS 5503)					
	P/E WC Connector – 2.5° ♥	110	4S791W	10	35.86
	SW/S WC Connector – 2.5° ♥	110	4S792W	5	37.94
	P/E WC Connector – 14° ♥	110	4S711W	5	42.52
	P/E WC Connector – 90° ♥	110	4S771W	10	60.84
	SW/S WC Connector – 90° ♥	110	4S772W	10	52.80

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	WC Connectors and Gaskets (for WCs to BS 1213) SW/S WC Connector – 87.5° ♻️	110	4S745W	5	47.16
	 WC Gasket – for WC spigots from 4" to 4¼"	110	4S121W	10	21.82
	 WC Gasket – for WC spigots from 4¼" to 4½"	110	4S120W	10	20.46
	WC Connectors – Ancillaries S/S Long Tail Bend – 87.5° ♻️	110	4S790W	5	60.65
	 P/E Pipe – 600mm length ♻️ ♻️	110	4S600W	1	34.41



Accessories – WC connectors: Easy-fit

	Description	Nom dia inch	Cat no	Pack qty	Price £ per piece
	Easy-Fit Pan Connectors Style 1 – Straight	3½in 4in	WC003W WC004W	1 1	25.67 19.02
	 Style 1 – Offset	4in	WC204W	1	23.34
	 Style 1 – 14°	4in	WC144W	1	24.56
	 Style 90°	4in	WC904W	1	27.27
	 Straight Extension Piece	4in	WC404W	1	23.38

Wavin Compact

Accessories

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
Air Admittance Valves					
	OsmaVent 40 Air Admittance Valve – fits 1¼" / 32mm and 1½" / 40mm pipe ▲	40	4S303W	1	82.98
	OsmaVent Air Admittance Valve – can also be adapted to fit 82mm soil ▲	110	4S304W	1	187.54
Pipe Flashings					
	VariPitch Pipe Flashing – 400mm x 400mm – for flat roofs		4S281G	5	149.16
	– 450mm x 450mm – for pitched roofs		4S283G	5	143.68
Connectors					
	Internal Drain Connector – for 32mm/40mm waste pipe	110	4S298	5	18.16
	– for 50mm waste pipe	110	4S299	5	20.91
	Female Iron Connector – solvent weld socket and BSPT socket	32 40	4Z127W 5Z127W	5 10	9.72 10.27
	Male Iron Connector – SW/S and BSPT spigot				
	♥	32	4Z128W	5	9.18
	♥	40	5Z128W	10	9.72
	♥	50	2Z128W	5	12.10
Spares					
	Snap Cap	82	3S116G	1	2.38
Cleaners, Solvent Cements, Lubricants					
	Degreasing Cleaner No.1 – 250ml can	–	4S380G	10	19.71
	Solvent Cement No. 2 – 250ml can	–	4S384G	10	30.74
	♥ – 500ml can	–	4S385G	10	66.91
	♥	–	4S391G	5	25.65
	Silicone Lubricant – 50g tube	–	4S392	1	44.66
	Silicone Lubricant Spray – 400ml can	–	4S392	1	44.66

Wavin Compact

Water seal traps

Description		Nom Dia mm	Cat No	Pack Qty	Price Each £
Tubular Traps					
	Tubular 'P' Outlet – Fixed 19mm shallow seal	32	4V806W	1	19.13
		40	5V806W	1	15.89
	Tubular 'P' Outlet – Lowline bath 50mm seal	40	5V802W	1	23.42
	Tubular 'P' Outlet – Swivel, 76mm seal	32	4V801W	1	17.60
		40	5V801W	1	20.03
	Tubular 'P' Outlet – Swivel, 76mm seal c/w cleaning eye	40	5V846W	1	29.71
	Tubular 'P' Outlet – Swivel, 76mm seal telescopic maximum 40mm extension	40	5V807W	1	30.43
	Tubular 'Running' – Swivel, 76mm seal	40	5V805W	1	35.32
	Tubular 'S' Outlet – Swivel, 76mm seal	32	4V803W	1	21.54
		40	5V803W	1	32.27
	Pedestal Trap – Fixed, 76mm seal	32	4V825W	1	29.32
	Bottle 'P' Outlet 38mm seal	32	4V809W	1	18.46
		40	5V809W	1	24.52
	Bottle 'P' Outlet 76mm seal	32	4V812W	1	22.98
		40	5V812W	1	28.14
	Bottle 'P' Outlet – 76mm seal telescopic maximum 100mm extension	40	5V808W	1	39.83

Wavin Compact

Water seal traps

Description		Nom Dia mm	Cat No	Pack Qty	Price Each £
	Bottle 'P' Anti-Syphon	32	4V814W	1	30.65
	– 76mm seal	40	5V814W	1	38.68
Washing Machine Traps					
	Washing Machine Trap Kit	40	5V870W	1	30.33
	– 76mm seal c/w 0.6m pipe				
	Washing Machine Half Trap	40	5V864W	1	35.48
	– Swivel 76mm seal				
	Washing Machine Tee	40	5V871W	1	16.25
Cap and Lining					
	Cap and Lining – BSP Male Iron Tail				
	Unequal ends, 1 1/4" – 32mm to 1 1/2" – 40mm	32	4Z363W	10	7.13
	Unequal ends, 1 1/2" – 40mm to 1 1/4" – 32mm	40	5Z363W	10	7.13
	Spigot Bend – 87.5°	32	4A830W	20	6.33
	– Varifix socket to convert 'P' to 'S' outlet	40	5A830W	10	6.80

Wavin Compact

Overflow

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Pipe P/E Pipe – 3.0m solvent	21.5	1E073W	10	8.06
	Pipe Clip Solvent	21.5	1E082W	10	1.27
	Double Socket Solvent	21.5	1E104W	30	3.61
	Bends Solvent				
	90°	21.5	1E160W	10	3.75
	45°	21.5	1E166W	10	4.30
	25°	21.5	1E163W	10	4.30
	Tee Solvent – 90°	21.5	1E190W	5	4.63
	Tank Connectors Straight Tank Connector	21.5	1E129W	5	5.64
	Bent Tank Connector – 90° Solvent	21.5	1E139W	5	6.29
	Reducers Solvent				
	32 x 21.5mm reducer	32	1E344W	5	5.21
	40 x 21.5mm reducer	40	1E346W	5	5.21
	Cap and Lining Cap and Lining	21.5	1E156W	20	5.21

Wavin Compact

Condensate drainage

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Soakaway – 110mm OD with 21.5/32/40mm pipe connections	110	1V403G	1	99.02
Connectors and Adaptors					
	Pipe Clamp – 32/40mm waste and 21.5mm connection	21.5	1V402W	1	49.53
	Tubular Swivel Trap – 40mm x 75mm (adjustable) with 21.5mm connection	40	5V407W	1	46.04
	Tubular Swivel Trap – 40mm x 75mm (adjustable) with 21.5mm connection and washing machine nozzle	40	5V468W	1	52.81

Wavin HDPE

Soil, waste and vent

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
Pipe					
	PE Pipe – 3.0m	110	3075609	1	38.43
	PE Pipe – 5.0m				
		40	3003465	1	18.20
		50	3003466	1	21.56
		56	3003477	1	25.39
		63	3003467	1	29.66
		75	3003468	1	34.29
		90	3003458	1	51.11
		110	3003459	1	64.05
		125	3003460	1	92.14
		160	3003461	1	143.99
		200	3003462	1	192.04
		250	3003463	1	305.89
		315	3003464	1	475.48
Reducers					
	Concentric Reducer				
		50/40	3084576	40	3.08
		56/50	3003820	20	3.08
		63/40	3003796 ^Δ	20	4.15
		63/50	3003797 ^Δ	20	4.15
		63/56	3003798	20	3.06
		75/50	3003800 ^Δ	20	4.49
		75/63	3003801 ^Δ	20	4.49
		90/50	3003803 ^Δ	20	4.61
		90/63	3003804 ^Δ	20	5.65
		90/75	3003805 ^Δ	20	5.65
		110/50	3003807 ^Δ	10	5.65
		110/56	3003858	10	5.59
		110/63	3003808	10	5.65
		110/75	3003809	10	5.65
		110/90	3003810	10	5.59
		125/63	3003812 ^Δ	20	8.99
		125/110	3003815	10	8.99
		160/110	3003816	5	9.97
		160/125	3003817 ^Δ	5	9.97
		200/160	3018808*	1	63.41
		250/200	3018809*	1	166.62
		315/250	3018810*	1	230.82
	Eccentric Reducer				
		50/40	3003821	20	3.31
		56/50	3003841	20	3.62
		63/40	3003822Q ^Δ	20	3.81
		63/50	3003823Q	20	3.81
		63/56	3003842Q	20	3.81
		75/40	3003824	20	4.36
		75/50	3003825	20	4.38
		75/56	3003843	20	4.37
		75/63	3003826	20	4.38
		90/50	3003827Q ^Δ	20	5.39
		90/63	3003828	20	5.86

Note: * = Segment Welded, ^Δ = Available on a made to order basis. Please contact us regarding lead times.

Wavin HDPE

Soil, waste and vent

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Eccentric Reducer – continued	90/75	3003829	20	5.90
		110/40	3003830	20	6.40
		110/50	3003831	20	6.24
		110/56	3003835	20	6.38
		110/63	3003832	20	6.40
		110/75	3003833	20	6.41
		110/90	3003834	20	6.37
		125/75	3003836Q ^Δ	10	10.61
		125/90	3003837Q	10	10.61
		125/110	3003838Q	10	10.61
		160/110	3003839	5	13.98
		160/125	3003840	5	13.99
	Eccentric Reducer – Long	200/110	3018811	5	102.51
		200/125	3018812	1	101.55
		200/160	3018813	1	101.55
		250/200	3070632*	1	161.85
		315/200	3014918*	1	230.82
		315/250	3003856*	1	229.86
Elbows					
	Elbow 15°	110	3017993	20	23.10
		160	3043453 ^Δ	1	38.99
		200	3043454 ^Δ	1	44.88
		250	3043455 ^Δ	1	73.58
		315	3043457 ^Δ	1	105.53
	Elbow 30°	110	3003576	20	23.46
		160	3003584	5	35.86
	Elbow 45°	40	3084563	10	2.50
		50	3084565	10	2.53
		56	3003597	20	3.00
		63	3003569	20	3.82
		75	3003572	20	4.84
		90	3003574	20	7.02
		110	3003577	25	6.87
		125	3003582	10	11.26
		160	3003585	5	29.28
		200	3018820	5	81.42
		250	3018821*	1	133.11
		315	3018822* ^Δ	1	183.98
	Elbow 45° Long Tail	110	3075824 ^Δ	6	8.46

Note: * = Segment welded, † = Swept type, Δ = Available on a made to order basis.
Please contact us regarding lead times.

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Elbow 88.5°	40	3084564 [†]	10	2.52
		50	3084566 [†]	10	3.37
		56	3003598	20	3.37
		63	3003570 [†]	20	4.21
		75	3003573 [†]	20	5.97
		90	3003575	20	8.51
		110	3003579 [†]	20	9.22
		125	3003583 [†]	10	14.78
		160	3003587 [†]	5	37.94
	Elbow 90° Welded	160	3003943	10	28.55
	Elbow 90° Segment Welded	200	3018818*	1	140.84
		250	3017978*	1	235.03
		315	3018819** ^Δ	1	343.00
	Elbow 90° Extended	40	3084577	10	2.50
		50	3084567	10	2.98
		56	3003944	20	3.57
		63	3003601 ^Δ	20	5.25
		75	3003622	25	6.37
		90	3003602	25	8.51
		110	3003603	20	8.46
		125	3003605 ^Δ	10	15.55
	Airmix HDPE Airmix "sovent"	110	3003791 ^Δ	23	101.37
		160	4042219 ^Δ	10	346.09
	Branches Swept Branch 88.5°	110	3003792	10	14.04
		90/50	3018005 ^Δ	10	30.33
		100/50	3003730 ^Δ	10	20.86
		110/110	3003728	5	23.25
	Branch 45°	40/40	3084570	20	6.14
		50/40	3084574	25	6.37
		50/50	3084572	25	6.33
		56/50	3003725Q	20	5.80
		56/56	3003724	20	6.02
		63/40	3003635Q ^Δ	20	6.45

Note: * = Segment welded, [†] = Swept type, ^Δ = Available on a made to order basis.
Please contact us regarding lead times.

Wavin HDPE

Soil, waste and vent

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Branch 45° – continued				
		63/50	3003637Q	20	6.82
		63/56	3003639Q	20	4.35
		63/63	3003633	20	6.64
		75/40	3003643Q	20	8.57
		75/50	3003645Q	20	8.12
		75/56	3003649	20	7.42
		76/63	3003647Q	20	5.67
		75/75	3003641	20	7.39
		90/40	3003654Q	10	11.11
		90/50	3003656Q	10	12.71
		90/63	3003658Q ^Δ	10	15.45
		90/75	3003660Q ^Δ	10	16.60
		90/90	3003651Q ^Δ	15	14.97
		110/40	3003664 ^Δ	10	12.33
		110/50	3003666	10	12.67
		110/56	3003674	10	12.27
		110/63	3003668	10	12.67
		110/75	3003670	10	12.79
		110/90	3003672Q ^Δ	10	15.58
		110/110	3003662	15	12.87
		125/50	3003678Q	10	22.99
		125/63	3003679 ^Δ	10	16.90
		125/75	3003681Q ^Δ	10	20.88
		125/90	3003683Q ^Δ	10	23.54
		125/110	3003685	10	16.90
		125/125	3003676 ^Δ	5	17.07
		160/110	3003688	5	58.77
		160/125	3003690 ^Δ	5	58.83
		160/160	4009725	5	58.01
		200/110	3070633*	5	126.49
		200/125	3018824Q ^Δ	1	137.09
		200/160	3070634*	5	132.10
		200/200	3070630*	5	189.66
		250/110	3003705*	1	211.72
		250/125	3003707Q ^Δ	1	176.77
		250/160	3003709*	1	234.29
		250/200	3003710*	1	234.44
		250/250	3018826*	1	322.62
		315/110	3003723*	1	374.29
		315/125	3018827 ^Δ	1	276.92
		315/160	3018828*	1	374.06
		315/200	3003718*	1	391.73
		315/250	3003719*	1	396.58
		315/315	3018829*	1	473.17
	Branch 88.5°	40/40	3084571	20	4.99
		50/40	3084575	20	6.38
		50/50	3084573	20	6.37
		56/50	3003726	20	6.37
		56/56	3003727	20	6.35
		63/50	3003638	20	6.59
		63/63	3003634 ^Δ	20	7.84
		75/50	3003646 ^Δ	20	7.79
		75/56	3003650	20	7.79

Note: * = Segment Welded, ^Δ = Available on a made to order basis. Please contact us regarding lead times.

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Branch 88.5° – continued	75/63	3003648 ^Δ	20	9.93
		75/75	3003642	20	7.84
		90/40	3003655	10	9.97
		90/50	3003657	10	9.93
		90/63	3003659 ^Δ	10	9.93
		90/75	3003661 ^Δ	10	14.57
		90/90	3003652	10	9.91
		110/40	3003665	10	11.82
		110/50	3003667	10	11.82
		110/56	3003675	10	12.22
		110/63	3003669 ^Δ	10	12.22
		110/75	3003671	10	11.39
		110/90	3003673 ^Δ	10	12.22
		110/110	3003663	15	11.43
		125/63	3003680 ^Δ	10	17.00
		125/110	3003686 ^Δ	10	17.00
		125/125	3003677	10	17.00
		160/110	3003689	5	63.51
		160/125	3003691 ^Δ	5	48.55
		160/160	3003687	5	62.87
		200/110	3003698*	20	126.49
		200/125	3018832 ^Δ	1	179.99
		200/160	3003702*	1	125.95
		200/200	3018831*	1	125.95
		250/110	3018002*	1	179.99
		250/125	3018832 ^Δ	1	179.99
		250/160	3018003*	1	181.15
		250/200	3018833*	1	181.68
		250/250	3003704*	1	181.02
		315/110	3018834 ^{*Δ}	1	211.72
		315/125	3003716 ^Δ	1	211.72
		315/160	3018835 ^{*Δ}	1	211.72
		315/200	3018836 ^{*Δ}	1	213.73
		315/250	3018837 ^{*Δ}	1	213.10
		315/315	3003713 ^{*Δ}	1	256.40
	Boss Pipe Boss Pipe – Four Way Extended Spigot	110/56	3075823	6	36.48
Connectors and Adaptors					
	Universal Connector				
	♥	40	5W102G •	5	6.82
	Expansion Socket – with Solvent Socket Tail				
	♥	50	2W102G •	10	6.56
	Long-Tail Bend – 87.5°				
		50	2Z124W •	5	11.81
		50	2Z359G •	5	13.82

• OAG discount applies.

Wavin HDPE

Soil, waste and vent

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Rubber Boss Adaptor	56/32	4063088 ^Δ	1	9.09
		56/40	4063089 ^Δ	1	9.22
	Brackets Galvanised HDPE Bracket M10 Connection	40	4012113	10	3.67
		50	4012117	10	5.07
		56	4063090 ^Δ	1	5.20
		63	4012121 ^Δ	10	5.31
		75	4012125	10	5.52
		90	4012131	10	5.92
		110	4012137	10	6.48
		125	4012141	10	6.80
		160	4012146	10	7.58
	Bracket Insert	40	4012329	50	3.36
		50	4012331	50	6.73
		56	4063093 ^Δ	25	6.89
		63	4012333 ^Δ	50	8.08
		75	4012335	50	6.89
		90	4012337	50	7.09
		110	4012339	50	5.49
		125	4012341 ^Δ	50	7.47
		160	4012343	50	6.18
		200	4012345	20	26.35
		250	4023375	20	31.00
		315	4023376	20	35.33
	Galvanised HDPE Bracket	50 x ½"	4012118	10	5.90
		56 x ½"	4063094 ^Δ	50	6.45
		63 x ½"	4012122	10	6.45
		75 x ½"	4012126	10	6.51
		90 x ½"	4012132	10	7.46
		110 x ½"	4012138	10	7.53
		125 x ½"	4012142	10	7.42
		160 x ½"	4012147	10	9.22
		200 x 1"	4012151	10	27.45
		250 x 1"	4012155	10	27.83
	Mounting Plate	M10	4063092 ^Δ	50	4.81
		G ½"	4012326	50	4.81
	Fire Collar Fire Collar EFM	40	4063766	1	16.95
		50	4063767	1	16.95
		63	4063768	1	16.95
		75/78	4063769	1	21.56
		90	4063770 ^Δ	1	21.56
		110	4026438	1	23.15
		125	4026439 ^Δ	1	24.03
		160	4063772	1	36.22
		200	4026441 ^Δ	1	118.20
		250	4026442 ^Δ	1	245.75

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
Spherical Branches					
	Spherical Branch, 2 Stubs Type A – 180°	110/110	3003755	5	42.95
	Type B – 90°	110/110	3003756	5	42.59
	Spherical Branch, 3 Stubs Type E – 90°	110/110	3003776 ^Δ	5	51.85
	Spherical Branch, 4 Stubs Type F – 90°	110/110	3003777	5	57.55
Access Tees					
	Access Tee 45°	110/110	3003739	5	36.59
		125	3003741 ^Δ	5	45.78
		160/110	3003743	5	90.44
	Access Tee 88.5°	50	3003732 ^Δ	10	19.75
		63	3003734 ^Δ	10	25.16
		75/75	3003736	10	27.58
		90	3003738Q ^Δ	10	38.15
		110/110	3003740	10	37.94
		125	3018815Q ^Δ	10	33.60
		160/110	3070631*	5	89.69
		200/110	3017974*	1	149.17
		250/110	3017975*	1	191.68
		315/110	3017976*	1	231.52
Toilet Connectors					
	Wall Mounted Toilet Connector	90/90	3003550 ^Δ	10	23.18
		110/110	3003554 ^Δ	10	22.59
	Wall Mounted Toilet Connector Elbow 90° for hanging toilets	90/90	3003619 ^Δ	10	43.51
		110/90	3018007 ^Δ	10	43.35
		110/110	3003620 ^Δ	10	43.22
	Wall Mounted Double Toilet Connector Elbow 90°	110/110	3003621 ^Δ	5	87.35

Note: * = Segment Welded, ^Δ = Available on a made to order basis. Please contact us regarding lead times.

Wavin HDPE

Soil, waste and vent

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Electro-fusion Coupler – Universal Type (WAVIDU0)	40	3003478	20	5.76
		50	3003479	20	5.90
		56	3003489	20	5.91
		63	3003480	20	6.09
		75	3003481	20	8.48
		90	3003482	20	8.26
		110	3003483	20	8.68
		125	3003484	10	15.35
		160	3003485	24	19.87
		200	4061068	6	147.31
		250	4064881	2	246.51
		315	4064882	2	280.52
	Sockets, Caps and Flange Adaptors Push-fit Socket with Gasket and Cap	40/40	3084561	10	4.23
		50/50	3084562	10	5.05
		56/56	3003493	20	5.64
		63/63	3003494 ^Δ	20	5.64
		75/75	3003495	20	8.02
		90/90	3003496 ^Δ	20	8.02
		110/110	3003497	20	10.17
		125/125	3003498 ^Δ	10	16.20
		160/160	3003499	18	31.96
	Expansion Socket with Gasket and Cap	40/40	3003505	20	11.16
		50/50	3003506	20	11.02
		56/56	3018008	15	10.54
		63/63	3003507	20	13.19
		75/75	3003508	20	14.01
		90/90	3003509	10	14.37
		110/110	3003510	20	14.74
		125/125	3003511 ^Δ	10	22.40
		160/160	3003512	5	40.66
		200/200	3003513*	15	188.45
		250/250	3070629	1	276.87
		315/315	3003515	1	477.55
	Complete Screw Connection	40	3003905 ^Δ	20	7.11
		50	3003935 ^Δ	20	7.11
		63	3003936 ^Δ	10	12.10
		75	3003937 ^Δ	10	12.10
		110	3003938 ^Δ	10	20.01
	Complete Closing Cap	40	3003869	10	7.49
		50	3003870	10	7.60
		63	3003871 ^Δ	10	7.60
		75	3082542	10	17.78
		90	3003872 ^Δ	10	17.95
		110	3003873	10	24.19

Note: Δ = Available on a made to order basis. Please contact us regarding lead times.

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Weld Cap	40	3003860	20	3.14
		50	3003861	20	2.68
		56	3003874	20	2.68
		63	3003862 ^Δ	20	2.68
		75	3003863	20	2.69
		90	3003865 ^Δ	20	3.39
		110	3003866	20	6.37
		125	3003867 ^Δ	10	7.95
		160	3003868	10	25.72
	Protection Cap for pipes and fitting	40	3018704 ^Δ	40	3.30
		50	3018705 ^Δ	40	4.31
		63	3018706 ^Δ	40	4.31
		75	3018707 ^Δ	40	4.99
		90	3018708	50	0.81
		110	3018709	40	0.91
		125	3018710 ^Δ	50	4.99
		160	3018711	50	6.05
	Flange Adaptor	50	4025986 ^Δ	5	26.36
		63	4025988 ^Δ	5	36.72
		75	4025989 ^Δ	5	26.36
		110	4009748	5	29.31
		125	4009749 ^Δ	5	57.95
		160	4009750 ^Δ	5	49.91
		200	4009751 ^Δ	5	95.93
		250	4025992 ^Δ	1	165.16
	Galvanised Steel Flange 1"	315	3018031 ^Δ	1	281.61
		1"	4009793	20	5.94
	Brass Nut Connection	40x3/4"	3003908 ^Δ	20	8.62
		40x1"	3003910 ^Δ	20	8.62
		40x1 1/4"	3003912 ^Δ	20	8.62
		40x1 1/2"	3003913 ^Δ	20	8.62
		50x3/4"	3003917 ^Δ	20	20.35
		50x1 1/4"	3003921 ^Δ	20	20.35
		50x1 1/2"	3003924 ^Δ	20	20.35
		50x2"	3003927 ^Δ	20	20.35
		63x2"	4009761 ^Δ	10	8.62
	Internal Thread Joint	50	3003925 ^Δ	20	51.55

Note: ^Δ = Available on a made to order basis. Please contact us regarding lead times.

Wavin HDPE

Soil, waste and vent

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Shrink-on Socket with Seal	50	3003516 ^Δ	5	30.58
		63	3018026 ^Δ	5	30.58
		75	3018027 ^Δ	5	30.58
		90	3018028 ^Δ	5	30.58
		110	3003528 ^Δ	5	36.64
		125	3018029 ^Δ	5	36.64
		160	3018030 ^Δ	5	53.37
		200	3018025 ^Δ	1	63.79
	Accessories Electrofusion Welding Tool DUO 315 230v	—	4036330	1	POA
	Electrofusion Welding Tool 110v	—	4064999	1	5452.39
	Electrofusion Welding Tool Cable 40-160 Spare, for use with 4064999	—	4065001	1	270.16
	Electrofusion Welding Tool Cable 200-315 Spare, for use with 4064999	—	4065000	1	270.16
	Heat Reflector Butt-Welding Tool VR 160, 40-160mm	40-160	4011398	1	POA
	Heat Reflector Butt-Welding Tool Media 250, 75-250mm	75-250	4011401 ^Δ	1	POA
	Welding Mirror Complete with metal case Class X1, TP200	160	4011403	1	665.78
	Heat Reflector Butt-Welding Tool Maxi 315, 90-315mm	90-315	4011402 ^Δ	1	POA
	PE Pipe Cutter	40-63	4026014 ^Δ	1	300.71

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
		50-125	4011390	1	495.40
		110-160	4011393	1	506.57
		200-315	4011396	1	2403.37
	HDPE Rotary Peelers				
	for pipe 50mm	50	4042914	1	1580.43
	for pipe 63mm	63	4024493	1	1580.43
	for pipe 75mm	75	4024569	1	1890.87
	for pipe 90mm	90	4024432	1	1890.87
	for pipe 110mm	110	4024189	1	1890.87
	for pipe 125mm	125	4024393	1	1890.87
	for pipe 160mm	160	4024190	1	2201.32
	Replacement blade	—	4066330	1	163.69
Other Processing Aids					
	PE marker pen China Marker	—	4011453	12	14.70
	PE pipe scraper	—	4020757	10	51.55
	PE cleaner 0.7 litre bottle	—	4025509	12	30.21

Introduction to

Tigris K1 – Press-fit plumbing system

Tigris K1 is a multilayer, composite pipe, press-fit plumbing system designed for potable water, sanitary and heating applications. It is ideally suited for installation on commercial projects such as educational establishments, high rise residential and hotels.

Widely specified and accorded a design award in Europe, Wavin Tigris K1 is the proven and perfected system for commercial plumbing and heating projects and has a number of features and benefits, including:

- **25 year guarantee**
- **Patented hexagonal head requires only low insertion force**
- **Flexible, multi-layer pipe requires minimal fittings reducing installation time and cost and improving flow rates**
- **Resistant to oxygen diffusion**
- **Thermal expansion comparable with copper**
- **Lightweight and corrosion resistant**
- **High resistance to scale build-up, stress-cracking, pressure and temperature**
- **Quick, simple and safe jointing method with no hot works permit required**
- **Defined leak function to reveal unpressed fittings**
- **Tigris K1 press-fit fittings for use with Wavin multi-layer pipe**
- **WRAS certificate number 1610085**

Tigris K1

Press-fit plumbing system

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Pipe				
	Pipe – Straight Lengths				
	16mm x 2.0mm x 3m	16	3072958	25	9.68
	16mm x 2.0mm x 5m	16	3061211	25	16.57
	20mm x 2.25mm x 3m	20	3072989	18	13.88
	20mm x 2.25mm x 5m	20	3061212	18	23.85
	25mm x 2.5mm x 3m	25	3072990	10	21.12
	25mm x 2.5mm x 5m	25	3061213	10	36.18
	32mm x 3.0mm x 3m	32	3070827	6	26.44
	32mm x 3.0mm x 5m	32	3041228	6	45.36
	40mm x 4.0mm x 5m	40	3004371	4	73.15
	50mm x 4.5mm x 5m	50	3004372	5	143.23
	63mm x 6.0mm x 5m	63	3028271	3	233.65
	75mm x 7.5mm x 5m *	75	3053971	1	303.97
	Pipe – Coils				
	16mm x 2.0mm x 100m	16	3018297	1	261.16
	16mm x 2.0mm x 200m	16	3018302	1	522.31
	16mm x 2.0mm x 500m	16	3061202	1	1239.61
	20mm x 2.25mm x 100m	20	3018299	1	369.26
	25mm x 2.5mm x 50m	25	3018300	1	299.48
	32mm x 3.0mm x 50m	32	3004370	1	410.54
	Pipe – Coils 9mm Pre-insulated				
	16mm x 2.0mm x 50m RED	16	3004378	1	279.28
	20mm x 2.25mm x 50m RED	20	3004379	1	372.07
	25mm x 2.5mm x 25m RED	25	3071219	1	243.23
	16mm x 2.0mm x 50m BLUE	16	3071220	1	279.28
	20mm x 2.25mm x 50m BLUE	20	3071221	1	372.07
	25mm x 2.5mm x 25m BLUE	25	3071222	1	259.65
	Pipe – Coils 13mm Pre-insulated				
	16mm x 2.0mm x 50m + 13mm RED	16	3004380	1	329.01
	20mm x 2.25mm x 50m + 13mm RED	20	3004381	1	410.31
	25mm x 2.5mm x 25m RED	25	3070529	1	304.80
	16mm x 2.0mm x 50m BLUE	16	3071224	1	329.01
	20mm x 2.25mm x 50m BLUE	20	3071225	1	410.31
	25mm x 2.5mm x 25m BLUE	25	3071226	1	304.80
	Couplers				
	Straight Coupler				
		16	3023348	10	3.42
		20	3023359	10	4.46
		25	3023360	10	6.70
		32	3023488	5	11.66
		40	3024665	3	18.56
		50	3027832	2	27.47
		63	3027847	2	72.46
		75	3065639	2	92.11

* This product is currently awaiting WRAS approval.

Tigris K1

Press-fit plumbing system

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece	
	Reducing Coupler					
	20 x 16mm	20	3023525	10	4.75	
	25 x 16mm	25	3023526	10	6.15	
	25 x 20mm	25	3023527	10	6.73	
	32 x 20mm	32	3023528	5	11.38	
	32 x 25mm	32	3023522	5	11.14	
	40 x 32mm	40	3023529	3	17.88	
	50 x 32mm	50	3027833	2	27.88	
	50 x 40mm	50	3027834	2	30.71	
	63 x 40mm	63	3027852	2	70.09	
	63 x 50mm	63	3027850	2	73.62	
	75 x 50mm	75	3065641	2	84.64	
	75 x 63mm	75	3065640	2	87.06	
	Elbows					
	Elbow 45°					
		25	3023498	10	9.09	
		32	3023499	5	13.21	
		40	3027839	3	25.31	
		50	3024668	2	39.75	
		63	3027849	2	90.05	
		75	3065642	2	98.10	
		Elbow 90°				
			16	3023363	10	4.27
			20	3023364	10	5.37
			25	3023365	10	7.62
			32	3023500	5	11.88
		40	3024666	3	23.25	
		50	3024667	2	36.33	
		63	3027848	2	81.88	
		75	3065643	2	99.83	
	Elbow 90° – single male BSP thread					
	16mm x ½"	16	3023542	10	5.40	
	20mm x ½"	20	3023543	10	6.58	
	20mm x ¾"	20	3023544	10	9.51	
	25mm x ¾"	25	3023545	10	10.59	
	32mm x 1"	32	3023539	5	18.89	
		Elbow 90° – single female BSP thread				
		16mm x ½"	16	3023546	10	8.23
		20mm x ½"	20	3023547	10	10.44
		20mm x ¾"	20	3023548	10	12.72
		25mm x ¾"	25	3023549	10	14.22
		32mm x 1"	32	3023540	5	21.62
		Backplate Elbow – female BSP thread				
	16mm x ½"	16	3023344	10	11.21	
	20mm x ½"	20	3023555	10	13.76	
	20mm x ¾"	20	3023537	10	14.22	

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Tees				
	Equal Tee				
		16	3023345	10	5.80
		20	3023346	10	8.31
		25	3023347	5	11.93
		32	3023521	5	20.33
		40	3024664	2	33.27
		50	3027829	2	51.99
		63	3027853	2	98.11
		75	3065644	2	137.99
	One End Reduced Tee				
	20x20x16mm	20	3023505	10	7.60
	Double End Reduced Tee				
	16x20x16mm	20	3023504	10	7.60
	20x25x20mm	25	3023510	5	10.38
	25x32x25mm	32	3023515	5	16.75
	Branch Reduced Tee				
	20x16x20mm	20	3023506	10	7.60
	25x16x25mm	25	3023508	5	10.52
	25x20x25mm	25	3023511	5	11.46
	32x16x32mm	32	3023513	5	15.95
	32x20x32mm	32	3023514	5	17.04
	32x25x32mm	32	3023516	5	18.45
	40x25x40mm	40	3023518	3	25.98
	40x32x40mm	40	3023519	3	28.70
	50x25x50mm	50	3027830	2	37.95
	50x32x50mm	50	3027842	2	39.86
	50x40x50mm	50	3027831	2	42.77
	63x25x50mm	63	3027856	2	66.71
	63x32x63mm	63	3027855	2	74.07
	63x40x63mm	63	3027854	2	88.03
	75x32x75mm	75	3065647	2	94.01
	75x40x75mm	75	3065646	2	106.14
	75x50x75mm	75	3065645	2	110.18
	Branch and One End Reduced Tee				
	20x16x16mm	20	3023507	10	7.60
	25x16x16mm	25	3023509	5	9.81
	25x20x20mm	25	3023512	5	10.55
	32x25x25mm	32	3023517	5	16.81
	40x32x32mm	40	3023520	3	25.55
	One Sided Female Thread Tee				
	16mm x 1/2"	16	3023557	10	14.00
	20mm x 1/2"	20	3023558	10	15.62
	20mm x 3/4"	20	3023559	10	16.23
	25mm x 3/4"	25	3023560	5	20.18

Tigris K1

Press-fit plumbing system

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
Connectors					
	Connector – single male BSP thread				
	16mm x ½"	16	3023495	10	4.29
	20mm x ½"	20	3023496	10	5.46
	20mm x ¾"	20	3023550	10	6.05
	25mm x ¾"	25	3023551	10	6.91
	25mm x 1"	25	3023552	10	8.98
	32mm x 1"	32	3023541	5	13.17
	32mm x 1¼"	32	3023553	5	19.78
	40mm x 1¼"	40	3027836	3	21.70
	Connector – single female BSP thread				
	16mm x ½"	16	3023494	10	5.81
	20mm x ½"	20	3023361	10	6.60
	20mm x ¾"	20	3023497	10	8.54
	25mm x ¾"	25	3023362	10	11.29
	32mm x 1"	32	3023554	5	19.08
	40mm x 1¼"	40	3027838	3	28.15
	Tap Connector – female BSP thread				
	16mm x ¾"	16	3023489	10	6.89
	20mm x ¾"	20	3023490	10	7.66
	25mm x 1"	25	3023491	5	16.38
	32mm x 1¼"	32	3023492	5	23.81
	40mm x 1½"	40	3023493	3	31.70
	End Cap	16	3023561	10	4.96
		20	3023562	10	5.50
		25	3023563	5	6.29

Tigris M1^{*}

Metal-body Press-fit plumbing system

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Connectors				
	Connector – single male BSP thread				
	16mm x ¾"	16	4032676	10	6.89
	63mm x 2"	63	4032685	2	73.54
	75mm x 2½"	75	4049178	2	93.28
	Connector – single female BSP thread				
	50mm x 1½"	50	4032698	3	49.32
	63mm x 2"	63	4032699	2	77.64
	75mm x 2½"	75	4049179	2	126.32
	Tap Connector – female BSP thread				
	16mm x ½"	16	4032700	10	6.89
	Elbow 90° – Radiator Connector	16	4037512	10	22.38
	Equal tee – Radiator Connector	16	4037506	10	35.66
		20	4037508	10	35.92
	Accessories				
	Transition Fitting to Copper				
	16 x 15mm	16	4032721	5	8.90
	20 x 15mm	20	4032722	5	9.60
	20 x 22mm	20	4037451	5	12.21
	25 x 22mm	25	4032723	5	17.83
	25 x 28mm	25	4032724	5	19.91
	Compression Adaptor				
	16 x 15mm	16	4013355	2	4.95
	Pressure Stopper	16	4013571	1	25.96
		20	4013572	1	25.96
		25	4013573	1	25.96
	Adaptor Fitting to Hep₂O				
	16 x 15mm	16	3052945	10	6.80
	20 x 22mm	20	3052946	10	12.16
	25 x 22mm	25	3052947	10	14.14
	25 x 28mm	25	3052948	10	18.61
	32 x 28mm	32	3052949	10	20.19

Note:

* M1 fittings are manufactured from a UBA listed 617 brass.

- Materials on the UBA list are accepted as drinking water quality by the 4 member state.
- The UK is a member of the 4 member state, together with Germany, Netherlands and France.

* M1 fittings do not carry WRAS approval.

Tigris K1

Press-fit plumbing system

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
Accessories and Tools					
	Internal Bending Spring	16	4013553	1	31.04
		20	4013559	1	39.93
		25	4013562	1	42.75
	External Bending Spring	16	4023071	1	24.34
		20	4023073	1	26.60
		25	4023075	1	34.95
Pipe Bending Pliers					
	Pipe Bending Tool	16	4043224	1	182.65
		20	4043225	1	195.44
	Pipe Bending Pliers 16/20/25mm	—	4023077	1	395.97
	Pipe Straightener 16/20/25mm	—	4013530	1	602.51
	Pipe Cutter 16mm-75mm	—	4053508	1	84.18
	Pipe Cutter with hold function 16/20/25mm	—	4036273	1	82.68
	Replacement Blade for 4036273	—	4037386	1	16.17
	Hand Press Tool 16-20mm	—	4013538	1	210.44
	Note: contains the tool only				
	Hand Tool Insert	16	4013542	1	72.01
		20	4013543	1	72.01
	Cordless Pressing Tool 16mm-40mm	—	4048906	1	2115.00
	Cordless Pressing Tool 16mm-75mm	—	4048907	1	3384.00
	Battery for 4048906	—	4066723	1	185.06

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Battery for 4048907	—	4066725	1	359.55
	Pressing Jaws — for use with 4048906	16	4046556	1	211.50
		20	4046557	1	211.50
		25	4046558	1	232.65
		32	4046559	1	232.65
		40	4046560	1	338.40
	Pressing Jaws — for use with 4048907	16	4046691	1	243.23
		20	4046694	1	243.23
		25	4046695	1	253.80
		32	4046756	1	253.80
		40	4046758	1	359.55
		50	4046759	1	380.70
		63	4035779	1	560.48
	Pressing Jaws — for use with 4048907 and 4053510	75	4053509	1	401.85
	Pressing Adaptor for 75mm Jaw — for use with 4048907 and 4053509	75	4053510	1	391.28
	Calibration Mandrel	16	4999998	1	70.76
		20	4999999	1	71.70
		25	4023364	1	75.38
		32	4023365	1	80.88
	Calibration Mandrel	40	4031987	1	138.75
		50	4031988	1	135.42
		63	4035780	1	200.59
		75	4053507	1	213.20
	Calibration Mandrel 16/20/25mm	—	3021196	1	85.97
	Handgrip Calibration Mandrel	—	3011162	1	39.99
		—	4036272	1	39.99
	Handgrip Calibration Mandrel	—	4036272	1	39.99
	Calibration Set 16mm-32mm	—	4013541	1	333.69

Introduction to

Hep₂O

Plumbing and Heating Systems

Hep₂O Flexible Push-fit Plumbing has been developed in response to installer feedback, and has a number of unique and innovative features and benefits including;

- In4Sure joint recognition – tells you when the pipe is in.
- Secure demounting with the new HepKey system.
- New, improved SmartSleeve stays captive in the pipe.
- 50 year industry leading guarantee.
- Flexible pipe which comes off the coil straight.



Hep₂O Underfloor Heating has a wide range of systems for any floor type. See www.hep2oufh.co.uk for details.

Hep₂O is Kitemarked to Class S of BS 7291, parts 1 and 2 and is manufactured within a Quality Management System which satisfies BS EN ISO 9002.

Hep₂O is also approved by **WRAS** (certificate 1901900) – deemed safe for use in the supply of drinking water.

Hep₂O Guarantee

As a result of its rigorous Quality Management programme, **Hep₂O** carries a 50 year guarantee against defect in materials or manufacturing of all its pipe and fittings.

Prices are for individual items within a pack unless otherwise stated.

Symbols

British Standards Kitemark

Identifies pipe and fittings which are manufactured under the BSI Kitemark Certification Scheme.

Important note: Fittings of all product ranges must be ordered in their pack multiples as illustrated in price list.

Hep₂O fittings are pre-lubricated, no additional lubrication is required. DO NOT use any flux, jointing compound or non Hep₂O lubricant on Hep₂O fittings.

Email: info@hep2o.co.uk

Web: www.hep2o.co.uk

 @hep2o

Hep₂O Flexible Plumbing

Polybutylene pipe

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
 Plumbing and Underfloor Heating Pipe Coils – Barrier Please Note: Order pipe by unit (coil) not by metre	25m ♥	10	HXX25/10W	1	55.65
	50m ♥	10	HXX50/10W	1	109.61
	100m ♥	10	HXX100/10W	1	215.93
	10m ♥	15	HXX10/15W	1	26.20
	25m ♥	15	HXX25/15W	1	65.46
	50m ♥	15	HXX50/15W	1	129.55
	80m ♥	15	HXX80/15W	1	207.27
	100m ♥	15	HXX100/15W	1	255.09
	120m ♥	15	HXX120/15W	1	306.11
	10m ♥	22	HXX10/22W	1	51.12
	25m ♥	22	HXX25/22W	1	127.78
	50m ♥	22	HXX50/22W	1	253.01
	10m ♥	28	HXX10/28W	1	68.91
	25m ♥	28	HXX25/28W	1	172.29
	50m ♥	28	HXX50/28W	1	342.95
 Straight Lengths – Barrier	3m ♥	15	HXX03/15W	10	8.20
	3m ♥	22	HXX03/22W	10	16.05
	3m ♥	28	HXX03/28W	10	22.01
	6m ♥	15	HXX06/15W	40	16.92
	6m ♥	22	HXX06/22W	20	33.21
	6m ♥	28	HXX06/28W	12	45.29
 Pipe in Pipe System Coil of Hep₂O Barrier Pipe in Blue or Red Conduit Please Note: Order pipe by unit (coil) not by metre	50m ♥	10	HXXC5010 BU	1	227.65
	50m ♥	10	HXXC5010 RD	1	227.65
	50m ♥	15	HXXC5015 BU	1	261.76
	50m ♥	15	HXXC5015 RD	1	261.76
	50m ♥	22	HXXC5022 BU	1	402.65
	50m ♥	22	HXXC5022 RD	1	402.65
	25m ♥	28	HXXC2528 BU	1	331.49
	25m ♥	28	HXXC2528 RD	1	331.49

Important Note:

Order pipe by unit (length) not by metre. Cut lengths only available as pack quantities.

Hep₂O Flexible Plumbing

Demountable fittings

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Straight Connector				
	♥	10	HD1/10W	10	4.19
	♥	15	HD1/15W	10	2.50
	♥	22	HD1/22W	10	3.52
	♥	28	HD1/28W	5	10.14
	Elbow 90°				
	♥	10	HD5/10W	10	4.74
	♥	15	HD5/15W	10	3.05
	♥	22	HD5/22W	10	4.47
	♥	28	HD5/28W	5	12.14
	Equal Tee				
	♥	10	HD10/10W	10	5.86
	♥	15	HD10/15W	10	4.28
	♥	22	HD10/22W	10	5.86
	♥	28	HD10/28W	5	16.76
	Demountable Stop-End				
	♥	10	HD62/10W	10	3.71
	♥	15	HD62/15W	10	3.32
	♥	22	HD62/22W	10	4.19
	♥	28	HD62/28W	5	6.97
	SmartSleeve Pipe Support				
		10	HX60/10W	20	0.54
		15	HX60/15W	50	0.55
		22	HX60/22W	50	0.71
		28	HX60/28W	20	1.06
	Spigot Elbow 90°				
	Single Socket				
	♥	10	HD4/10W	5	4.74
	♥	15	HD4/15W	5	3.21
	♥	15x10	HD4A/15W	5	4.74
	Socket Reducer				
	15 x 10mm ♥	15	HD2/15W	10	4.34
	22 x 15mm ♥	22	HD2/22W	10	3.36
	28 x 22mm ♥	28	HD2/28W	5	8.13
	Socket/Socket Reducer				
	15 x 10mm ♥	15	HD3B/15W	10	7.89
	22 x 15mm ♥	22	HD3B/22W	10	6.87
	22 x 10mm ♥	22	HD3C/22W	10	7.89
	Obtuse Bend 135° Single Socket				
	♥	10	HD8/10W	5	5.12
	♥	15	HD8/15W	5	3.55
	♥	22	HD8/22W	5	5.12
	End Reduced Tee				
	22 x 15 x 22mm ♥	22	HD12/22W	5	6.20
	28 x 22 x 28mm ♥	28	HD12/28W	5	16.76

Important Note: All fittings are pre-lubricated - no additional lubrication required.
Hep₂O fittings are fully compatible with Hep₂O and copper pipe.

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Double End Reduced Tee				
	10 x 10 x 15mm ♥	15	HD18/15W	5	6.20
	10 x 10 x 22mm ♥	22	HD18A/22W	5	6.55
	15 x 15 x 22mm ♥	22	HD18/22W	5	6.20
	22 x 22 x 28mm ♥	28	HD18/28W	5	16.76
	Branch Reduced Tee				
	15 x 15 x 10mm ♥	15	HD13/15W	5	6.20
	22 x 22 x 10mm ♥	22	HD13A/22W	5	6.20
	22 x 22 x 15mm ♥	22	HD13/22W	5	6.20
	28 x 28 x 15mm ♥	28	HD13A/28W	5	16.76
	28 x 28 x 22mm ♥	28	HD13/28W	5	16.76
	Branch Reduced Tee – Spigot				
	15 x 15 x 10mm ♥	15	HD15/15W	5	6.20
	22 x 22 x 15mm ♥	22	HD15/22W	5	6.20
	Branch and One End Reduced Tee				
	15 x 10 x 10mm ♥	15	HD14/15W	5	6.20
	22 x 10 x 10mm ♥	22	HD14A/22W	5	6.20
	22 x 15 x 15mm ♥	22	HD14/22W	5	6.20
	28 x 22 x 22mm ♥	28	HD14/28W	5	16.76
	Blanking Peg				
	For demountable Hep2O fittings ♥	10	HX44/10W	10	1.31
	♥	15	HX44/15W	10	1.53
	♥	22	HX44/22W	10	1.53
	♥	28	HX44/28W	10	1.84
	Tank Connector				
	with BSP tail & backnut (For cold water use only)				
	BSP 1/2"	15	HX20/15W	5	3.62
	BSP 3/4"	22	HX20/22W	5	4.55
	BSP 1" (brass body)	28	HX20/28W	5	20.39
	Straight Tap Connector				
	with brass nut and alternative rubber washer				
	BSP 1/2" ♥ *	15	HD25A/15W	10	4.36
	BSP 3/4" ♥ *	15	HD25B/15W	5	5.15
	BSP 3/4" ♥ *	22	HD25B/22W	5	5.57
	Bent Tap Connector				
	with brass nut and alternative rubber washer				
	BSP 1/2" ♥ *	15	HD27/15W	5	4.81
	Hand-Titan™ Tap Connector				
	with rubber washer				
	BSP 1/2" ♥ *	10	HD26A/10W	5	4.42
	BSP 1/2" ♥ *	15	HD26A/15W	5	3.68
	BSP 3/4" ♥ *	15	HD26B/15W	5	4.42
	BSP 3/4" ♥ *	22	HD26B/22W	5	4.78

* For intermittent hot and cold water use up to a maximum of 65°C.
Not for use with central heating.

Hep₂O Flexible Plumbing

Flexible tap connectors

Description		Nom dia mm	Cat no	Pack qty	Hose type	Price £ per piece
	Hep₂O x BSP Nut with brass nut and rubber washer					
	150mm BSP 1/2" *	15	HD425A/15W	2	Braided	7.20
	300mm BSP 1/2" *	15	HD125A/15W	2	Braided	7.60
	300mm BSP 3/4" *	15	HD125B/15W	2	Braided	9.00
	300mm BSP 3/4" (full bore) *	22	HD125C/22W	2	Braided	15.49
	300mm BSP 3/4" *	22	HD125B/22W	2	Braided	9.00
	500mm BSP 1/2" *	15	HD225A/15W	2	Braided	10.42
	500mm BSP 3/4" *	15	HD225B/15W	2	Braided	11.77
	500mm BSP 3/4" (full bore) *	22	HD225C/22W	2	Braided	18.08
	500mm BSP 3/4" *	22	HD225B/22W	2	Braided	12.52
	1000mm BSP 1/2" *	15	HD325A/15W	2	Braided	18.92
	1000mm BSP 3/4" *	22	HD325B/22W	1	Braided	23.09
	Hep₂O x Hep₂O					
	300mm 15mm x 15mm *	15	HD125H/15W	2	Braided	8.93
	300mm 22mm x 22mm *	22	HD125H/22W	2	Braided	10.93
	500mm 15mm x 15mm *	15	HD225H/15W	2	Braided	13.09
	Hep₂O x Elbow BSP Nut with brass nut and rubber washer					
	300mm Elbow BSP 1/2" *	15	HD125D/15W	2	Braided	9.65
	Hep₂O Brass Service Valve x BSP Nut with brass nut and rubber washer					
	300mm BSP 1/2" *	15	HD125E/15W	2	Braided	20.67
	300mm BSP 3/4" *	22	HD125E/22W	2	Braided	38.84
	500mm BSP 1/2" *	15	HD225E/15W	2	Braided	22.62
	500mm BSP 3/4" *	15	HD225I/15W	2	Braided	24.89
	500mm BSP 3/4" *	22	HD225E/22W	2	Braided	42.36
	Hep₂O Brass Service Valve (Handle) x BSP Nut with brass nut and rubber washer					
	300mm BSP 1/2" *	15	HD125EH/15W	2	Braided	20.67
	300mm BSP 3/4" *	22	HD125EH/22W	2	Braided	38.84

* For intermittent hot and cold water use up to a maximum of 65°C.
Not for use with central heating.

Description		Nom dia mm	Cat no	Pack qty	Hose type	Price £ per piece
	Hep20 x Monobloc Mixers					
	300mm 15mm x M10 *	15	HD125F/15W •	Pair	Braided	13.61
	300mm 15mm x M12 *	15	HD125G/15W •	Pair	Braided	13.61

• Sold and priced as a pair.

Hep₂O Flexible Plumbing

Auxiliary fittings

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Adaptor Male BSP/Hep ₂ O socket DZR Brass				
	BSP 1/2" ♥	10	HX29/10W	10	7.16
	BSP 1/2" ♥	15	HX29/15W	10	6.97
	BSP 3/4" ♥	22	HX29/22W	10	10.01
	BSP 1" ♥	28	HX29/28W	5	19.02
	Adaptor Female BSP/Hep ₂ O socket DZR Brass				
	BSP 1/2" ♥	10	HX28/10W	10	7.16
	BSP 1/2" ♥	15	HX28/15W	10	6.97
	BSP 3/4" ♥	15	HX24/15W	10	10.01
	BSP 3/4" ♥	22	HX28/22W	10	10.01
	BSP 1" ♥	28	HX28/28W	5	19.68
	Adaptor Male BSP/Hep ₂ O spigot DZR Brass				
	BSP 1/2" ♥	15	HX31/15W	10	3.88
	BSP 3/4" ♥	22	HX31/22W	10	6.40
	BSP 1" ♥	28	HX31/28W	5	9.39
	Adaptor Female BSP/Hep ₂ O spigot DZR Brass				
	BSP 1/2" ♥	15	HX30/15W	10	3.80
	BSP 3/4" ♥	22	HX30/22W	10	6.40
	BSP 1" ♥	28	HX30/28W	5	9.39
	Draincock Brass 15mm spigot DZR Brass ♥	15	HX32/15 GY	10	6.97
	Adaptor Converts 1/2" tap connector to 3/4" DZR Brass BSP 1/2"x 3/4" ♥		HX39 GR	10	3.61
	Wall Plate Elbow Hep ₂ O				
	BSP 1/2" ♥	15	HX6/15W	5	10.75
	BSP 3/4" ♥	22	HX6/22W	5	11.69
	Ball Valve Plated Brass (suitable for central heating use)				
	15x15mm	15	HX22/15W	5	13.77
	22x22mm	22	HX22/22W	5	17.97
	Gate Valve DZR Brass – Hep ₂ O ends (suitable for central heating use)				
		15 22	HX35/15W HX35/22W	5 5	10.90 15.53
	Stopcock – Cold Water fitted with Hep ₂ O ends				
		15 22	HX36/15W HX36/22W	5 5	10.97 13.11

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Stopcock – Cold Water Hep20 to MDPE Conversion 22mm to 25mm MDPE	22	HX43/22W	5	23.29
	Shut-off Valve With hot/cold indicator insert. NB: *SEE USAGE NOTE	15	HX37/15W	5	7.75
	Appliance Valve With hot/cold indicator insert. NB: *SEE USAGE NOTE	15	HX38/15W	5	7.16
	Straight Service Valve With hot/cold indicator insert. NB: *SEE USAGE NOTE	15	HX18/15W	5	8.24
	Angled Service Valve With hot/cold indicator insert. NB: *SEE USAGE NOTE	15	HX19/15W	5	8.25
	Double-Check Valve Plastics NB: •SEE USAGE NOTE	15	HX72/15W	1	18.43
	Two Port Manifold 22x15mm ports Closed Spigot ♡	22	HX88/22W	5	8.36
	Two Port Manifold 22x15mm ports All socket ♡	22	HX88B/22W	5	8.64
	Three Port Manifold 22x15mm ports Closed spigot ♡	22	HX89/22W	5	11.23
	Three Port Manifold 22x15mm ports All socket ♡	22	HX89B/22W	5	11.64
	Two Port Manifold 22x10mm ports All socket ♡	22	HX92B/22W	5	9.15

***For intermittent hot and cold water use up to a maximum of 65°C.
Not for use with central heating.**

•For cold water use only.

Hep₂O Flexible Plumbing

Auxiliary fittings

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Four Port Manifold 22x10mm ports All socket ♡	22	HX94B/22W	5	11.64
	Two Port Manifold 22x10mm ports Socket and closed spigot ♡	22	HX92/22W	5	8.36
	Four Port Manifold 22x10mm ports Socket and closed spigot ♡	22	HX94/22W	5	11.23
	Four Port Manifold 22x10mm ports Socket and closed spigot, on one side ♡	22	HX96/22W	5	12.84
	Four Port Manifold 22x10mm ports All socket, on one side ♡	22	HX96B/22W	5	12.84
	One Port Valved Manifold Plated Brass 3/4" BSP Male/female 22mm Hep ₂ O port ♡	22	HX91T/22W	1	23.38
	Two Port Valved Manifold Plated Brass 3/4" BSP Male/female 15mm Hep ₂ O ports ♡	15	HX92T/15W	1	39.28
	Three Port Valved Manifold Plated Brass 3/4" BSP Male/female 15mm Hep ₂ O ports ♡	15	HX93T/15W	1	57.59
	Four Port Valved Manifold Plated Brass 3/4" BSP male/female. 15mm Hep ₂ O ports ♡	15	HX94T/15W	1	78.63
	Manifold End Caps 3/4" BSP Female End Cap 3/4" BSP Male End Cap		HX97 GY HX98 GY	5 5	3.42 3.97
	Manifold Bracket – Pair for HX92T/15, HX93T/15 and HX94T/15		HX95A GR	1	22.51

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Radiator Outlet Back Box Plastic (for stud wall)		HX109 GY	5	3.62
	Radiator Outlet Back Box Metal (for solid wall)		HX110 GY	5	3.04
	Radiator Outlet Cover with Flap For use with HX109 and HX110		HX113 WH	5	7.95
	Back Box Grommet For use with HX110		HX112 GY	50	0.20

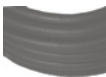
Hep₂O Flexible Plumbing

Tools, fixings and accessories

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	HepKey Plus Demounting Tool	10	HX79/10W	10	0.38
		15	HX79/15W	10	0.44
		22	HX79/22W	10	0.44
		28	HX79/28W	10	0.49
	HepKey Demounting Tool	10	HX78/10W	10	0.33
		15	HX78/15W	10	0.38
		22	HX78/22W	10	0.38
		28	HX78/28W	10	0.43
	HepTool Demounting Tool				
	10/28mm	10	HX77/10W	10	2.29
	15/22mm	15	HX77/15W	10	1.88
	Cold Forming Bend Fixture Metal with passivate finish	15	HX75/15 GR	5	2.46
		22	HX75/22 GR	5	3.45
	Pipe Cutter – Scissor Type Standard		HD74 GR	1	19.36
	Pro Cutter		HD75 GR	1	47.71
	Pipe Cutter – Ratchet Type up to 42mm pipe		HD77 GR	1	70.34
	up to 28mm pipe		HD78 GR	1	48.82
	Hep₂O Joint Test Kit Hep ₂ O Joint Test Kit		HX81 GR	1	559.54
	Pipe Clips – Screw	15	HX85/15W	50	0.36
		22	HX85/22W	50	0.36
		28	HX85/28W	50	0.59
	Pipe Clip – Spacers	15	HX86/15W	20	0.27
		22	HX86/22W	20	0.36
	Pipe Clip Cable Type	10	HX65/10W	50	0.22
		15	HX65/15W	50	0.36
		22	HX65/22W	50	0.36
		28	HX65/28W	50	0.44

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Hep₂O Silicone Lubricant Spray 400ml aerosol can Hep ₂ O fittings		HX200	1	13.30
	Flat Tap Connector Washers – Rubber	15	HX58/15 GY	20	p/pack 5.11
		22	HX58/22 GY	20	p/pack 5.11
	Conical Tap Connector Washers – Rubber	15	HX57/15 GR	20	p/pack 5.11
		22	HX57/22 GR	20	p/pack 5.11

Conduit system

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Conduit Pipe				
	25.0m	15	HXC25/15 BL	1	40.69
	50.0m	15	HXC50/15 BL	1	81.44
	25.0m	22	HXC25/22 BL	1	50.90
	Conduit Junction Box		HX100 BL	1	6.75
	Conduit Junction Box Lid		HX104 BL	1	2.26
	Conduit Terminal	15	HX101/15W	2	9.40
	Terminal Back Plate		HX103 BL	1	1.88

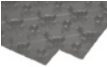
Hep₂O Underfloor Heating

UFH – Polybutylene pipe

Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
 Underfloor Heating Pipe Coils – Barrier Please Note: Order pipe by unit (coil) not by metre				
25m ♥	10	HXX25/10W	1	55.65
50m ♥	10	HXX50/10W	1	109.61
70m ♥	10	HXX70/10W	1	152.49
100m ♥	10	HXX100/10W	1	215.93
10m ♥	15	HXX10/15W	1	26.20
25m ♥	15	HXX25/15W	1	65.46
50m ♥	15	HXX50/15W	1	129.55
80m ♥	15	HXX80/15W	1	207.27
100m ♥	15	HXX100/15W	1	255.09
120m ♥	15	HXX120/15W	1	306.11

Important Note: Order pipe by unit (length) not by metre.

UFH – Floor systems

Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
 Staple System Staples 60mm for 15mm UFH Pipe	15	15UH231	300	0.11
 Staple Gun (40/60mm)	15	15UH237	1	455.54
 System Plate System System Plate (1275 x 975mm) (1275 x 975mm)	10 15	10UH232 15UH232	16 18	14.11 14.11
 System Plate Tack Fastener		15UH238	25	0.40
 System Ancillaries Edge Expansion Foam (25.0m x 150mm)		15UH234	1	35.28

Hep₂O Underfloor Heating

UFH – Room packs

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
UFH Room Packs					
	12m ²	15	15UKPK1	1	965.19
	18m ²	15	15UKPK2	1	993.42
	24m ²	15	15UKPK3	1	1027.29

Underfloor heating room packs

Contents:

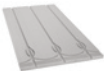
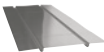
- ① 15mm UFH Pipe Coil
- ① 300 Pipe Staples
- ① 25m Roll of Edge Expansion Foam
- ① Programmable Thermostat
- ① 2 x Isolation Valves
- ① Flow Watch Thermostat
- ① Control Pack
- ① Single Circuit Fittings Pack

Contains everything you need for a new screeded floor



Hep₂O Underfloor Heating

UFH – Dry construction products

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
Panel Systems					
	Low-Build Panel 15x600x1200mm	10	10UH601	10	44.48
	Low-Build Max – Straight Panel 15x600x1200mm	10	10UH602	10	48.87
	15x600x1200mm	10	10UH603	30	46.69
	Low-Build Max – Return Panel 15x300x138mm	10	10UH604	10	16.39
	Low-Build Max – Channel Panel 15x600x150mm	10	10UH600	10	20.38
	Floating Floor Panel – 25mm 600x1200mm	15	15UH608	10	29.24
	Joist Panel – 50mm 340x1200mm	15	15UH610	10	27.38
	L Bracket – Inter Joist Panel		15UH612	1	3.16
Diffuser Plates					
	Double Diffuser Plate – 15mm 1000x390mm	15	15UH605	10	13.43
	Single Diffuser Plate – 15mm 1000x140mm	15	15UH606	10	5.75

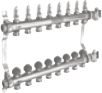
Hep₂O Underfloor Heating

UFH – Manifolds and Control systems

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
Manifolds					
	Composite Manifold – Control Pack A Rated		15UH512	1	412.27
	Composite Manifold – Starter Pack ▲		15UH510	1	121.40
	Composite Manifold – One Port Pack includes 15mm Euroconus Adaptor ▲	15	15UH511	1	47.30
	Composite Manifold – Three Port Pack includes 15mm Euroconus Adaptor ▲	15	15UH513	1	124.57
	Composite Manifold 22mm Isolation Valves (pair)	22	15UH211	2	p/pack 37.82
	1"x15mm Female Brass Adaptor	15	15UH607	5	19.68
	Cold Forming Bend Fixture Metal with passivate finish	15	HX75/15 GR	5	2.46
	Pipe Clips – Screw	15	HX85/15W	50	0.36
	Ball Valves Stainless 1" (pair)	15	15UH550	1	69.21
	Thermometer for Ball valves	15	15UH565	1	7.22

Hep₂O Underfloor Heating

UFH – Manifolds and Control systems

Description		Nom dia mm	Cat no	Pack qty	Price £ per piece
	Stainless Manifold*				
	2 port	15	15UH552	1	201.68
	3 port	15	15UH553	1	241.44
	4 port	15	15UH554	1	282.18
	5 port	15	15UH555	1	334.37
	6 port	15	15UH556	1	367.38
	7 port	15	15UH557	1	406.74
	8 port	15	15UH558	1	479.05
	9 port	15	15UH559	1	527.46
	10 port	15	15UH560	1	575.07
	11 port	15	15UH561	1	634.03
	12 port	15	15UH562	1	668.30
	Manifold – Euroconus Adaptor 10x1.7 (pair)	10	10UH529	1	10.80
	Manifold – Euroconus Adaptor 15x1.8 (pair)	15	15UH529	1	10.80
	Manifold – Euroconus Adaptor 16x1.8 (pair)	16	16UH529	1	10.80
	Actuator adaptor VA50 (pair)		15UH569	1	2.12
	Single Way kit flow-ret Manifold Stainless	15	15UH551	1	136.25
	Coupling 1" Female – Female Stainless (pair)	15	15UH567	1	46.52
	Auto Airvent with non-return Stainless	15	15UH568	1	7.79
	Thermometer with Spring		15UH566	1	6.82
Digital Controls					
	Single Zone Control Centre		15UH311	1	78.35
	8 Zone Wireless Control Centre		15UH308	1	244.27

*Each stainless steel manifold requires the correct quantity of actuator adaptors (15UH569) and euroconus adaptors (10UH529, 15UH529 or 16UH529) depending on the actuator size and pipe being used.

	Description	Nom dia mm	Cat no	Pack qty	Price £ per piece
	Dial Thermostat (wired)		15UH472	1	51.87
	NeoAir V2 Wireless Thermostat (white)		15UH385	1	134.31
	NeoAir V2 Wireless Thermostat (black)		15UH386	1	134.31
Mains Controls					
	8 Zone Control Centre (230v)		15UH408	1	142.50
	230V Actuator (for use with 15UH408 & 15UH308)		15UH402	1	30.37
	Flow Watch Thermostat (for use with 15UH408)		15UH524	1	36.12
	NeoStat (white)		15UH475	1	134.31
	NeoStat (black)		15UH476	1	134.31
	Remote Sensor Probe		15UH495	1	18.09
	Remote Sensor Probe Cover		15UH494	1	9.52
	neoHub		15UH492	1	253.07

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Cat no	Price £ per piece	Page no	Cat no	Price £ per piece	Page no	Cat no	Price £ per piece	Page no
OT002B	89.46	5	OT033AG	9.06	7	OT086N	35.57	6
OT003B	15.86	5	OT033B	9.06	7	OT086W	35.57	6
OT003G	15.86	5	OT033G	9.06	7	OT088AG	67.47	6
OT003N	15.86	5	OT033W	9.06	7	OT088B	67.47	6
OT003W	15.86	5	OT034AG	6.31	7	OT088G	67.47	6
OT004B	20.74	5	OT034B	6.31	7	OT088N	67.47	6
OT004G	20.74	5	OT034G	6.31	7	OT088W	67.47	6
OT004N	20.74	5	OT034N	6.31	7	OT092B	19.05	7
OT004W	20.74	5	OT034W	6.31	7	OT116B	2.05	9
OT005B	8.22	4	OT035AG	31.47	8	OT116G	2.05	9
OT005G	8.22	4	OT035B	31.47	8	OT116N	2.05	9
OT005N	8.22	4	OT035G	31.47	8	OT116W	2.05	9
OT005W	8.22	4	OT035N	31.47	8	OT143B	21.04	7
OT007B	20.61	4	OT035W	31.47	8	OT147G	24.02	22
OT007G	20.61	4	OT037AG	10.47	8	OT147G	24.02	20
OT007N	20.61	4	OT037B	10.47	8	OT147G	24.02	18
OT007W	20.61	4	OT037G	10.47	8	OT147G	24.02	16
OT008B	18.59	5	OT037N	10.47	8	OT147G	24.02	11
OT009B	11.07	4	OT037W	10.47	8	OT147G	24.02	6
OT009G	11.07	4	OT038AG	7.40	7	OT148G	22.18	6
OT009N	11.07	4	OT038B	7.40	7	OT148G	22.18	11
OT009W	11.07	4	OT038G	7.40	7	OT148G	22.18	16
OT010B	5.30	4	OT038N	7.40	7	OT148G	22.18	18
OT010G	5.30	4	OT038W	7.40	7	OT148G	22.18	20
OT010N	5.30	4	OT044B	4.49	21	OT148G	22.18	22
OT010W	5.30	4	OT044B	4.49	19	OT149B	20.15	12
OT011B	6.83	5	OT044B	4.49	17	OT149B	20.15	7
OT011G	6.83	5	OT044B	4.49	15	OT161AG	18.65	8
OT011N	6.83	5	OT044B	4.49	10	OT161B	18.65	8
OT011W	6.83	5	OT044B	4.49	4	OT161G	18.65	8
OT014B	31.84	5	OT045B	9.92	4	OT161N	18.65	8
OT015B	31.84	5	OT045B	9.92	10	OT161W	18.65	8
OT016B	21.85	5	OT045B	9.92	17	OT201B	66.27	13
OT017B	48.76	5	OT045B	9.92	19	OT201B	66.27	9
OT019B	3.65	4	OT060B	2.69	9	OT201W	66.27	9
OT019G	3.65	4	OT061B	2.69	9	OT201W	66.27	13
OT019N	3.65	4	OT064G	2.69	9	OT245B	19.58	6
OT019W	3.65	4	OT072B	23.05	4	OT246B	19.58	6
OT024AG	7.71	7	OT072G	23.05	4	OT274AG	56.82	8
OT024B	7.71	7	OT072N	23.05	4	OT274B	56.82	8
OT024G	7.71	7	OT072W	23.05	4	OT274G	56.82	8
OT024N	7.71	7	OT074B	46.03	4	OT274N	56.82	8
OT024W	7.71	7	OT074G	46.03	4	OT274W	56.82	8
OT025AG	9.67	8	OT074N	46.03	4	OT332AG	42.26	8
OT025B	9.67	8	OT074W	46.03	4	OT332B	42.26	8
OT025G	9.67	8	OT082B	25.85	6	OT332G	42.26	8
OT025N	9.67	8	OT082G	25.85	6	OT332N	42.26	8
OT025W	9.67	8	OT082N	25.85	6	OT332W	42.26	8
OT026AG	12.04	8	OT084AG	51.66	6	OT624B	16.92	4
OT026B	12.04	8	OT084B	51.66	6	OT624G	16.92	4
OT026G	12.04	8	OT084G	51.66	6	OT624N	16.92	4
OT026N	12.04	8	OT084N	51.66	6	OT624W	16.92	4
OT026W	12.04	8	OT084W	51.66	6	OT625B	25.55	4
OT027B	15.01	8	OT086AG	35.57	6	OT745B	19.25	6
OT030B	3.52	7	OT086B	35.57	6	OT746B	20.84	6
OT031B	3.00	7	OT086G	35.57	6	OT914B	15.69	5

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OT914G	15.69	5	1E163W	4.30	57	2M160W	15.07	46
OT914N	15.69	5	1E166W	4.30	57	2M160W	15.07	75
OT914W	15.69	5	1E166W	4.30	83	2M161B	14.72	76
OT985B	11.16	21	1E190W	4.63	57	2M161B	14.72	47
OT985B	11.16	19	1E190W	4.63	83	2M161E	14.72	47
OT985B	11.16	18	1E344B	5.21	45	2M161E	14.72	76
OT985B	11.16	16	1E344B	5.21	57	2M161W	14.72	47
OT985B	11.16	11	1E344W	5.21	45	2M161W	14.72	76
OT985B	11.16	5	1E344W	5.21	57	2M163B	12.66	76
OT986B	16.77	5	1E344W	5.21	83	2M163B	12.66	47
OT986B	16.77	11	1E346B	5.21	45	2M163E	12.66	47
OT986B	16.77	16	1E346B	5.21	57	2M163E	12.66	76
OT986B	16.77	18	1E346W	5.21	45	2M163W	12.66	47
OT986B	16.77	19	1E346W	5.21	57	2M163W	12.66	76
OT986B	16.77	21	1E346W	5.21	83	2M190B	20.35	76
OT988B	9.30	5	1O158W	3.61	58	2M190B	20.35	47
OT988B	9.30	11	1O159W	4.30	58	2M190E	20.35	47
OT988B	9.30	16	1V402W	49.53	84	2M190E	20.35	76
OT988B	9.30	18	1V402W	49.53	56	2M190W	20.35	47
OT988B	9.30	19	1V403G	99.02	56	2M190W	20.35	76
OT988B	9.30	21	1V403G	99.02	84	2M260B	16.60	76
OT989B	12.50	5	2CS801SE	14.84	73	2M260B	16.60	47
OT989B	12.50	11	2CS802SE	14.84	73	2M260E	16.61	47
OT989B	12.50	16	2CS804SE	8.70	73	2M260E	16.61	76
OT989B	12.50	18	2CS805SE	8.70	73	2M260W	16.61	47
OT989B	12.50	19	2CS812SE	10.44	68	2M260W	16.61	76
OT989B	12.50	21	2CS813SE	14.84	68	2M292B	12.11	76
OT999B	86.51	5	2CS814SE	8.70	68	2M292B	12.11	47
OT999G	86.51	5	2CS815SE	8.04	68	2M292E	12.11	47
OT999N	86.51	5	2CS816SE	9.58	68	2M292E	12.11	76
OT999W	86.51	5	2M073B	42.80	75	2M292W	12.11	47
1C074W	9.57	57	2M073B	42.80	46	2M292W	12.11	76
1C104W	3.61	57	2M073E	42.80	46	2M456B	8.41	77
1C139W	6.58	57	2M073E	42.80	75	2M456B	8.41	48
1C160W	3.51	57	2M073W	42.80	46	2M456E	8.41	48
1C163W	4.30	57	2M073W	42.80	75	2M456E	8.41	77
1C190W	5.03	57	2M081B	2.41	75	2M456W	8.41	48
1C344W	5.21	57	2M081B	2.41	46	2M456W	8.41	77
1C344W	5.21	51	2M081E	2.41	46	2M458B	8.41	77
1C346W	5.21	51	2M081E	2.41	75	2M458B	8.41	48
1C346W	5.21	57	2M081W	2.41	46	2M458E	8.41	48
1E073W	8.06	83	2M081W	2.41	75	2M458E	8.41	77
1E073W	8.06	57	2M104B	9.82	75	2M458W	8.41	48
1E082W	1.27	57	2M104B	9.82	46	2M458W	8.41	77
1E082W	1.27	83	2M104E	9.82	46	2S298B	8.70	35
1E104W	3.61	57	2M104E	9.82	75	2S298E	8.70	35
1E104W	3.61	83	2M104W	9.82	46	2S298G	8.70	35
1E129W	5.64	83	2M104W	9.82	75	2S298W	8.70	35
1E129W	5.64	57	2M124E	18.92	75	2S299B	8.04	35
1E139W	6.29	57	2M124E	18.92	46	2S299E	8.04	35
1E139W	6.29	83	2M124W	18.92	46	2S299G	8.04	35
1E156W	5.21	83	2M124W	18.92	75	2S299W	8.04	35
1E156W	5.21	58	2M160B	15.07	75	2S355W	11.53	74
1E160W	3.75	57	2M160B	15.07	46	2S355W	11.53	27
1E160W	3.75	83	2M160E	15.07	46	2S355W•	11.53	65
1E163W	4.30	83	2M160E	15.07	75	2S356W	18.97	27

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2S356W•	18.97	65	2Z088G	5.82	45	3S105B	34.36	24
2S360G	13.28	29	2Z088W	5.82	45	3S105G	34.36	72
2S398B	9.36	29	2Z104B	6.80	42	3S105G	34.36	24
2S398G	9.36	29	2Z104G	6.80	42	3S116B	2.38	31
2S398W	9.36	29	2Z104W	6.80	42	3S116G	2.38	31
2S399B	9.36	29	2Z124W	11.81	42	3S116G	2.38	80
2S399G	9.36	29	2Z124W •	11.81	89	3S124B	20.03	24
2S399W	9.36	29	2Z128W	12.10	80	3S124G	20.03	67
2S402B	12.06	29	2Z128W	12.10	45	3S124G	20.03	24
2S402G	12.06	29	2Z160B	8.17	42	3S161B	40.68	25
2S402W	12.06	29	2Z160G	8.17	42	3S161G	40.68	72
2S403B	9.58	35	2Z160W	8.17	42	3S161G	40.68	25
2S403E	9.58	35	2Z161B	8.66	43	3S162G	50.72	72
2S403G	9.58	35	2Z161G	8.66	43	3S162G	50.72	26
2S403W	9.58	35	2Z161W	8.66	43	3S163B	40.68	26
2S498B	10.37	54	2Z163B	8.86	43	3S163G	40.68	26
2S499B	10.37	54	2Z163G	8.86	43	3S163G	40.68	72
2S503B	10.82	54	2Z163W	8.86	43	3S190B	72.40	27
2V411G	219.69	54	2Z190B	11.94	43	3S190G	72.40	27
2V414G	138.78	54	2Z190G	11.94	43	3S210G	72.40	28
2V415G	17.61	54	2Z190W	11.94	43	3S274B	79.94	30
2V416G	17.61	54	2Z210B	15.45	44	3S274G	79.94	74
2V418G	23.21	54	2Z210G	15.45	44	3S274G	79.94	30
2V502G	124.82	54	2Z210W	15.45	44	3S288B	53.23	41
2W073G	21.27	49	2Z230W	28.26	44	3S292B	39.57	37
2W073W	21.27	49	2Z260B	7.42	43	3S292B	39.57	31
2W081G	1.81	49	2Z260G	7.42	43	3S292G	39.57	71
2W081W	1.81	49	2Z260W	7.42	43	3S292G	39.57	31
2W086G	6.31	51	2Z292B	8.52	44	3S292G	39.57	37
2W086W	6.31	51	2Z292G	8.52	44	3S300B	16.44	40
2W088G	5.64	51	2Z292W	8.52	44	3S300G	17.39	71
2W088W	5.64	51	2Z347G	7.60	45	3S302B	14.40	40
2W102G	6.56	50	2Z349G	7.20	45	3S302G	14.40	71
2W102G	6.56	44	2Z359G	13.82	43	3S302G	14.40	40
2W102G •	6.56	89	2Z359G •	13.82	89	3S319B	18.94	30
2W105G	6.45	49	3CS190SG	72.40	73	3S319G	18.94	30
2W105W	6.45	49	3CS649SG	38.83	74	3S414G	139.35	71
2W160G	6.45	49	3S042G	65.89	23	3S414G	139.35	40
2W160W	6.45	49	3S043B	91.07	23	3S435G	42.38	68
2W163G	6.82	50	3S043G	91.07	72	3S435G	42.38	27
2W163W	6.82	50	3S043G	91.07	23	3S440B	50.01	27
2W190G	6.31	50	3S044B	119.25	23	3S440G	50.01	68
2W190W	6.31	50	3S044G	119.25	72	3S440G	50.01	27
2W260W	6.31	50	3S044G	119.25	23	3S530B	111.45	41
2W292G	6.45	50	3S074B	118.79	23	3S649B	38.83	29
2W292W	6.45	50	3S074G	118.79	67	3S649G	38.83	29
2Z073B	24.66	42	3S074G	118.79	23	4A830W	6.33	82
2Z073W	24.66	42	3S082B	9.14	23	4A830W	6.33	55
2Z074G	32.88	42	3S082G	9.14	67	4CS319SE	15.88	70
2Z081B	2.41	42	3S082G	9.14	23	4CS474SE	82.74	71
2Z081G	2.41	42	3S083B	11.83	23	4CS491SE	291.69	69
2Z081W	2.41	42	3S083G	11.83	67	4CS574SE	82.74	71
2Z086B	5.67	45	3S083G	11.83	23	4CS585SE	22.77	70
2Z086G	5.67	45	3S094B	41.98	25	4CS586SE	22.77	70
2Z086W	5.67	45	3S094G	41.98	72	4CS588SE	17.03	70

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4CS590SE	32.99	74	4M190B	11.46	76	4S083E	10.14	32
4CS829SE	164.83	69	4M190E	11.46	47	4S083E	10.14	23
4CS830SE	167.20	73	4M190E	11.46	76	4S083E	10.14	67
4CS831SE	164.83	69	4M190W	11.46	47	4S083G	10.14	23
4CS832SE	164.83	69	4M190W	11.46	76	4S083G	10.14	32
4CS834SE	164.83	69	4M260B	9.26	47	4S083W	10.14	23
4CS852SE	139.76	73	4M260B	9.26	76	4S083W	10.14	32
4CS889SE	67.86	69	4M260E	9.26	47	4S084	22.56	24
4CS890SE	65.85	69	4M260E	9.26	76	4S084	22.56	32
4CS891SE	66.87	73	4M260W	9.26	47	4S084	22.56	67
4CS892SE	65.88	69	4M260W	9.26	76	4S085	150.91	67
4CS893SE	124.95	69	4M292B	7.09	47	4S085	150.91	32
4CS895SE	68.54	70	4M292B	7.09	76	4S085	150.91	24
4CS896SE	86.66	73	4M292E	7.09	47	4S086	73.32	67
4CS897SE	68.54	70	4M292E	7.09	76	4S086	73.32	32
4M073B	25.50	46	4M292W	7.09	47	4S086	73.32	24
4M073B	25.50	75	4M292W	7.09	76	4S095B	36.23	33
4M073E	25.50	46	4S042B	59.16	23	4S095B	36.23	25
4M073E	25.50	75	4S042G	59.16	23	4S095E	36.23	72
4M073W	25.50	46	4S043B	79.70	23	4S095G	36.23	25
4M073W	25.50	75	4S043G	79.70	23	4S095G	36.23	33
4M081B	1.17	46	4S043W	79.70	23	4S096B	39.51	25
4M081B	1.17	75	4S044B	107.53	23	4S096E	39.51	72
4M081E	1.17	46	4S044E	107.53	72	4S096G	39.51	25
4M081E	1.17	75	4S044G	107.53	23	4S097G	41.61	25
4M081W	1.17	46	4S044W	107.53	23	4S098G	41.61	25
4M081W	1.17	75	4S050G	71.88	23	4S104B	17.19	24
4M104B	4.80	46	4S073B	76.67	32	4S104B	17.19	33
4M104B	4.80	75	4S073B	76.67	23	4S104E	17.19	33
4M104E	4.80	46	4S073E	76.67	67	4S104E	17.19	24
4M104E	4.80	75	4S073E	76.67	32	4S104E	17.19	67
4M104W	4.80	46	4S073E	76.67	23	4S104G	17.19	24
4M104W	4.80	75	4S073G	76.67	23	4S104G	17.19	33
4M124E	10.14	46	4S073G	76.67	32	4S104W	17.19	24
4M124E	10.14	75	4S073W	76.67	23	4S104W	17.19	33
4M124W	10.14	46	4S073W	76.67	32	4S105B	37.10	33
4M124W	10.14	75	4S074B	102.22	23	4S105B	37.10	24
4M160B	7.17	46	4S074B	102.22	32	4S105E	37.10	72
4M160B	7.17	75	4S074E	102.22	32	4S105G	37.10	24
4M160E	7.17	46	4S074E	102.22	23	4S105G	37.10	33
4M160E	7.17	75	4S074E	102.22	67	4S105W	37.10	24
4M160W	7.17	46	4S074G	102.22	23	4S105W	37.10	33
4M160W	7.17	75	4S074G	102.22	32	4S106G	50.55	25
4M161B	8.77	47	4S074W	102.22	23	4S107E	31.12	72
4M161B	8.77	76	4S074W	102.22	32	4S116B	7.47	31
4M161E	8.77	47	4S082B	7.81	32	4S116G	7.47	31
4M161E	8.77	76	4S082B	7.81	23	4S116W	7.47	31
4M161W	8.77	47	4S082E	7.81	32	4S120W	20.46	79
4M161W	8.77	76	4S082E	7.81	23	4S120W	20.46	39
4M163B	6.66	47	4S082E	7.81	67	4S121W	21.82	79
4M163B	6.66	76	4S082G	7.81	23	4S121W	21.82	39
4M163E	6.66	47	4S082G	7.81	32	4S124B	17.89	33
4M163E	6.66	76	4S082W	7.81	23	4S124B	17.89	24
4M163W	6.66	47	4S082W	7.81	32	4S124E	17.89	33
4M163W	6.66	76	4S083B	10.14	32	4S124E	17.89	24
4M190B	11.46	47	4S083B	10.14	23	4S124E	17.89	67

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4S124G	17.89	24	4S230W	167.20	28	4S300W	15.33	40
4S124G	17.89	33	4S250G	208.44	28	4S302B	10.97	40
4S124W	17.89	24	4S260B	53.52	34	4S302E	10.97	40
4S124W	17.89	33	4S260E	53.52	68	4S302E	10.97	71
4S125B	27.17	33	4S260E	53.52	34	4S302G	10.97	40
4S125B	27.17	24	4S260G	53.52	34	4S302W	10.97	40
4S125E	27.17	67	4S263B	50.38	34	4S303W	82.98	80
4S125E	27.17	33	4S263E	50.38	68	4S303W	82.98	45
4S125E	27.17	24	4S263E	50.38	34	4S303W	82.98	40
4S125G	27.17	24	4S263G	50.38	34	4S303W	82.98	51
4S125G	27.17	33	4S268B	48.61	34	4S304W	187.54	40
4S130G	5.38	31	4S268E	48.61	34	4S304W	187.54	80
4S149	16.08	12	4S268E	48.61	68	4S306G	121.79	40
4S149	16.08	7	4S268G	48.61	34	4S308B	133.90	40
4S159	17.13	7	4S274B	80.20	31	4S310B	55.38	40
4S159	17.13	13	4S274G	80.20	31	4S310E	55.38	40
4S160B	52.62	26	4S274W	80.20	31	4S310E	55.38	71
4S160G	52.62	26	4S275B	42.47	37	4S310G	55.38	40
4S160W	52.62	26	4S275B	42.47	31	4S310W	55.38	40
4S161B	47.37	25	4S275G	42.47	31	4S319B	15.88	36
4S161E	47.37	72	4S275G	42.47	37	4S319B	15.88	30
4S161G	47.37	25	4S281G	149.16	80	4S319E	15.88	36
4S161W	47.37	25	4S281G	149.16	40	4S319E	15.88	30
4S162G	67.98	26	4S283G	143.68	40	4S319G	15.88	30
4S163B	47.37	26	4S283G	143.68	80	4S319G	15.88	36
4S163G	47.37	26	4S288B	79.44	41	4S319W	15.88	30
4S163W	47.37	26	4S288G	79.44	41	4S319W	15.88	36
4S164B	67.46	26	4S290B	65.88	34	4S321B	19.55	30
4S164G	67.46	26	4S290E	65.88	34	4S321G	19.55	30
4S166G	52.46	26	4S290G	65.88	34	4S321W	19.55	30
4S167G	60.36	26	4S291G	263.21	28	4S322B	19.55	30
4S169B	111.44	30	4S292B	37.03	31	4S322G	19.55	30
4S169G	111.44	30	4S292B	37.03	37	4S322W	19.55	30
4S169W	111.44	30	4S292E	37.03	37	4S323G	24.84	30
4S173E	59.51	72	4S292E	37.03	31	4S326B	93.76	20
4S173G	59.51	26	4S292E	37.03	71	4S326B	93.76	22
4S179G	67.29	26	4S292G	37.03	31	4S326B	93.76	41
4S190B	66.87	27	4S292G	37.03	37	4S326G	93.76	22
4S190G	66.87	27	4S292W	37.03	31	4S326G	93.76	41
4S190W	66.87	27	4S292W	37.03	37	4S361G	46.63	26
4S195B	86.66	28	4S296B	26.11	37	4S363B	46.63	26
4S195G	86.66	28	4S296B	26.11	31	4S363G	46.63	26
4S195W	86.66	28	4S296E	26.11	71	4S363W	46.63	26
4S200B	96.98	28	4S296E	26.11	37	4S369G	128.05	30
4S200G	96.98	28	4S296E	26.11	31	4S374G	81.43	31
4S205B	31.96	24	4S296G	26.11	31	4S380G	19.71	41
4S205G	31.96	24	4S296G	26.11	37	4S380G	19.71	80
4S205W	31.96	24	4S296W	26.11	31	4S383G	22.84	41
4S206B	53.48	25	4S296W	26.11	37	4S384G	30.74	41
4S206B	53.48	33	4S298	18.16	25	4S384G	30.74	80
4S210B	99.39	28	4S298	18.16	80	4S385G	66.91	41
4S210G	99.39	28	4S299	20.91	25	4S385G	66.91	80
4S220B	96.98	28	4S299	20.91	80	4S391G	25.65	41
4S220G	96.98	28	4S300B	15.33	40	4S391G	25.65	80
4S230B	167.20	28	4S300E	16.22	71	4S392	44.66	41
4S230G	167.20	28	4S300G	15.33	40	4S392	44.66	80

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4S394G	32.38	41	4S483B	20.46	35	4S588W	17.03	29
4S395G	75.16	28	4S483E	20.46	35	4S588W	17.03	36
4S410B	74.44	35	4S483E	20.46	70	4S589B	27.69	30
4S410E	74.44	35	4S483G	20.46	35	4S589G	27.69	30
4S410E	74.44	69	4S484B	20.46	36	4S589W	27.69	30
4S410G	74.44	35	4S484E	20.46	36	4S590B	32.99	30
4S414G	154.60	40	4S484E	20.46	70	4S590B	32.99	36
4S414G	154.60	71	4S484G	20.46	36	4S590E	32.99	36
4S416B	8.29	33	4S490B	65.85	34	4S590E	32.99	30
4S416E	8.29	68	4S490E	65.85	34	4S590G	32.99	36
4S416E	8.29	33	4S490G	65.85	34	4S595E	81.91	74
4S416G	8.29	33	4S491B	291.69	35	4S595G	81.91	27
4S430B	164.83	35	4S491E	291.69	35	4S597E	74.49	34
4S430E	164.83	35	4S491G	291.69	35	4S597E	74.49	70
4S430G	164.83	35	4S492B	46.65	37	4S597G	74.49	27
4S435B	44.21	27	4S492E	46.65	37	4S597G	74.49	34
4S435B	44.21	34	4S492E	46.65	71	4S600W	34.41	79
4S435E	44.21	34	4S492G	46.65	37	4S600W	34.41	39
4S435E	44.21	27	4S493B	124.95	36	4S601W	236.03	38
4S435E	44.21	68	4S493E	124.95	36	4S601W	236.03	78
4S435G	44.21	27	4S493G	124.95	36	4S602W	236.03	38
4S435G	44.21	34	4S495B	68.54	35	4S602W	236.03	78
4S435W	44.21	27	4S495E	68.54	35	4S603W	236.03	78
4S435W	44.21	34	4S495G	68.54	35	4S603W	236.03	38
4S440B	60.65	27	4S496B	35.64	33	4S604W	236.03	78
4S440E	60.65	68	4S496E	35.64	33	4S604W	236.03	38
4S440G	60.65	27	4S496E	35.64	68	4S605W	236.03	78
4S440W	60.65	27	4S496G	35.64	33	4S605W	236.03	38
4S444B	60.65	27	4S502B	150.91	30	4S606W	236.03	78
4S444G	60.65	27	4S502G	150.91	30	4S606W	236.03	38
4S444W	60.65	27	4S561B	59.08	26	4S612W	236.03	38
4S445B	67.46	27	4S561G	59.08	26	4S612W	236.03	78
4S445G	67.46	27	4S561W	59.08	26	4S613W	236.03	38
4S445W	67.46	27	4S574B	82.74	36	4S613W	236.03	78
4S450B	49.33	34	4S574E	82.74	36	4S614W	236.03	38
4S450E	49.33	34	4S574G	82.74	36	4S614W	236.03	78
4S450E	49.33	68	4S581B	50.81	29	4S615W	236.03	38
4S450G	49.33	34	4S581G	50.81	29	4S615W	236.03	78
4S461B	46.58	33	4S582B	40.70	29	4S616W	236.03	78
4S461E	46.58	68	4S582G	40.70	29	4S711W	42.52	78
4S461E	46.58	33	4S583B	19.74	29	4S711W	42.52	38
4S461G	46.58	33	4S583G	19.74	29	4S745W	47.16	79
4S461W	46.58	33	4S583W	19.74	29	4S745W	47.16	38
4S462B	50.38	34	4S584B	17.16	29	4S771W	60.84	38
4S462G	50.38	34	4S584G	17.16	29	4S771W	60.84	78
4S463B	46.52	34	4S584W	17.16	29	4S772W	52.80	38
4S463E	46.52	68	4S585B	22.77	36	4S772W	52.80	78
4S463E	46.52	34	4S585E	22.77	36	4S790W	60.65	39
4S463G	46.52	34	4S585G	22.77	36	4S790W	60.65	79
4S469B	117.39	36	4S586B	22.77	36	4S791W	35.86	38
4S469E	117.39	36	4S586E	22.77	36	4S791W	35.86	78
4S469E	117.39	70	4S586G	22.77	36	4S792W	37.94	38
4S469G	117.39	36	4S588B	17.03	29	4S792W	37.94	78
4S474B	82.74	36	4S588B	17.03	36	4T731B	8.67	12
4S474E	82.74	36	4S588G	17.03	29	4T731W	8.67	12
4S474G	82.74	36	4S588G	17.03	36			

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4T803B	17.32	10	4T835B	42.32	13	4V814W	30.65	52
4T803N	17.32	10	4T835N	42.32	13	4V816W	30.65	52
4T803W	17.32	10	4T835W	42.32	13	4V825W	29.32	81
4T804B	24.06	11	4T836B	14.77	12	4V825W	29.32	53
4T804N	24.06	11	4T836W	14.77	12	4V901W	25.21	52
4T804W	24.06	11	4T837B	18.43	12	4W073B	10.93	49
4T805B	10.75	10	4T837W	18.43	12	4W073G	10.93	49
4T805N	10.75	10	4T838B	20.71	13	4W073W	10.93	49
4T805W	10.75	10	4T838N	20.71	13	4W081B	1.10	49
4T806B	17.86	10	4T838W	20.71	13	4W081G	1.10	49
4T806N	17.86	10	4T855B	58.09	13	4W081W	1.10	49
4T806W	17.86	10	4T858B	58.09	13	4W102B	6.82	44
4T807B	18.94	10	4T860G	2.70	14	4W102B	6.82	50
4T807N	18.94	10	4T861G	2.75	14	4W102G	6.82	44
4T807W	18.94	10	4T862B	22.03	13	4W102G	6.82	50
4T809B	17.15	10	4T862N	22.03	13	4W102W	6.82	44
4T809N	17.15	10	4T862W	22.03	13	4W102W	6.82	50
4T809W	17.15	10	4T864B	2.71	14	4W105B	3.58	49
4T810B	6.86	10	4T872B	24.45	10	4W105G	3.58	49
4T810N	6.86	10	4T872N	24.45	10	4W105W	3.58	49
4T810W	6.86	10	4T872W	24.45	10	4W160B	3.31	49
4T811B	7.92	10	4T874B	48.93	10	4W160G	3.31	49
4T811N	7.92	10	4T874N	48.93	10	4W160W	3.31	49
4T811W	7.92	10	4T874W	48.93	10	4W161B	3.58	49
4T816B	2.52	14	4T882B	26.07	12	4W161G	3.58	49
4T816N	2.52	14	4T882N	26.07	12	4W161W	3.58	49
4T816W	2.52	14	4T882W	26.07	12	4W163B	3.58	50
4T818B	29.06	11	4T884B	53.38	12	4W163G	3.58	50
4T818W	29.06	11	4T884N	53.38	12	4W163W	3.58	50
4T819B	4.63	10	4T884W	53.38	12	4W166B	3.31	50
4T819N	4.63	10	4T886B	36.84	12	4W166W	3.31	50
4T819W	4.63	10	4T886N	36.84	12	4W190B	3.81	50
4T823B	16.30	12	4T886W	36.84	12	4W190G	3.81	50
4T823N	16.30	12	4T888B	73.46	12	4W190W	3.81	50
4T823W	16.30	12	4T888N	73.46	12	4W260B	3.81	50
4T824B	18.00	12	4T888W	73.46	12	4W260G	3.81	50
4T824N	18.00	12	4T894B	19.29	11	4W260W	3.81	50
4T824W	18.00	12	4T999B	90.26	11	4W292B	3.58	50
4T825B	10.32	13	4T999N	90.26	11	4W292G	3.58	50
4T825N	10.32	13	4T999W	90.26	11	4W292W	3.58	50
4T825W	10.32	13	4V003W	2.52	55	4Z073B	15.56	42
4T826B	12.81	13	4V801W	17.60	81	4Z073W	15.56	42
4T826N	12.81	13	4V801W	17.60	52	4Z074G	20.75	42
4T826W	12.81	13	4V803W	21.54	81	4Z081B	1.17	42
4T830B	53.38	13	4V803W	21.54	52	4Z081G	1.17	42
4T830N	53.38	13	4V804W	33.04	52	4Z081W	1.17	42
4T830W	53.38	13	4V806W	19.13	53	4Z104B	3.32	42
4T832B	15.29	13	4V806W	19.13	81	4Z104G	3.32	42
4T832N	15.29	13	4V807W	26.12	52	4Z104W	3.32	42
4T832W	15.29	13	4V808W	33.21	52	4Z120W	4.84	44
4T833B	6.13	12	4V809W	18.46	81	4Z124G	6.97	42
4T833N	6.13	12	4V809W	18.46	52	4Z124W	6.97	27
4T833W	6.13	12	4V811W	15.68	53	4Z124W	6.97	42
4T834B	5.21	12	4V812W	22.98	81	4Z124W	6.97	74
4T834N	5.21	12	4V812W	22.98	52	4Z124W•	6.97	65
4T834W	5.21	12	4V814W	30.65	82	4Z127W	9.72	45

Cat no	Price £ per piece	Page no	Cat no	Price £ per piece	Page no	Cat no	Price £ per piece	Page no
4Z127W	9.72	80	5M160E	8.44	46	5V407W	46.04	56
4Z128W	9.18	80	5M160E	8.44	75	5V407W	46.04	84
4Z128W	9.18	45	5M160W	8.44	46	5V408W	54.29	53
4Z160B	4.41	42	5M160W	8.44	75	5V468W	52.81	56
4Z160G	4.41	42	5M161B	10.59	47	5V468W	52.81	84
4Z160W	4.41	42	5M161B	10.59	76	5V801W	20.03	52
4Z161B	4.64	43	5M161E	10.59	47	5V801W	20.03	81
4Z161G	4.64	43	5M161E	10.59	76	5V802W	23.42	81
4Z161W	4.64	43	5M161W	10.59	47	5V802W	23.42	53
4Z163B	4.15	43	5M161W	10.59	76	5V803W	32.27	52
4Z163G	4.15	43	5M163B	7.49	47	5V803W	32.27	81
4Z163W	4.15	43	5M163B	7.49	76	5V805W	35.32	81
4Z185W	11.56	44	5M163E	7.49	47	5V805W	35.32	52
4Z190B	5.50	43	5M163E	7.49	76	5V806W	15.89	53
4Z190G	5.50	43	5M163W	7.49	47	5V806W	15.89	81
4Z190W	5.50	43	5M163W	7.49	76	5V807W	30.43	81
4Z210W	8.71	44	5M190B	13.06	47	5V807W	30.43	52
4Z260B	6.01	43	5M190B	13.06	76	5V808W	39.83	81
4Z260G	6.01	43	5M190E	13.06	47	5V808W	39.83	52
4Z260W	6.01	43	5M190E	13.06	76	5V809W	24.52	52
4Z263B	3.52	43	5M190W	13.06	47	5V809W	24.52	81
4Z263W	3.52	43	5M190W	13.06	76	5V811W	17.02	53
4Z292B	4.58	44	5M260B	11.17	47	5V812W	28.14	52
4Z292G	4.58	44	5M260B	11.17	76	5V812W	28.14	81
4Z292W	4.58	44	5M260E	11.17	47	5V814W	38.68	52
4Z343G	3.98	56	5M260E	11.17	76	5V814W	38.68	82
4Z343G	3.98	45	5M260W	11.17	47	5V816W	38.69	52
4Z363W	7.13	82	5M260W	11.17	76	5V823W	38.59	53
4Z363W	7.13	44	5M292B	6.97	47	5V842W	32.61	53
4Z364W	4.63	44	5M292B	6.97	76	5V846W	29.71	53
5A830W	6.80	55	5M292E	6.97	47	5V846W	29.71	81
5A830W	6.80	82	5M292E	6.97	76	5V848W	74.71	53
5M073B	27.82	46	5M292W	6.97	47	5V860W	65.63	53
5M073B	27.82	75	5M292W	6.97	76	5V864W	35.48	82
5M073E	27.82	46	5M455B	4.46	48	5V864W	35.48	54
5M073E	27.82	75	5M455B	4.46	77	5V869W	52.07	54
5M073W	27.82	46	5M455E	4.46	48	5V870W	30.33	54
5M073W	27.82	75	5M455E	4.46	77	5V870W	30.33	82
5M081B	1.19	46	5M455W	4.46	48	5V871W	16.25	54
5M081B	1.19	75	5M455W	4.46	77	5V871W	16.25	82
5M081E	1.19	46	5T503B	26.23	19	5V901W	25.73	52
5M081E	1.19	75	5T504B	29.90	19	5V902W	18.73	52
5M081W	1.19	46	5T508B	23.44	19	5W073B	12.65	49
5M081W	1.19	75	5T509B	15.70	19	5W073G	12.65	49
5M104B	6.05	46	5T510B	7.62	19	5W073W	12.65	49
5M104B	6.05	75	5T511B	11.50	19	5W081B	1.03	49
5M104E	6.05	46	5T516B	2.70	20	5W081G	1.03	49
5M104E	6.05	75	5T519B	5.73	19	5W081W	1.03	49
5M104W	6.05	46	5T564B	2.91	20	5W084B	3.31	51
5M104W	6.05	75	5T574B	70.68	19	5W084G	3.31	51
5M124E	10.59	46	5T594B	25.24	19	5W084W	3.31	51
5M124E	10.59	75	5T595B	26.04	20	5W102B	6.82	44
5M124W	10.59	46	5T596B	27.55	20	5W102B	6.82	50
5M124W	10.59	75	5T999B	105.05	19	5W102G	6.82	44
5M160B	8.44	46	5V002W	2.05	55	5W102G	6.82	50
5M160B	8.44	75	5V407W	46.04	54	5W102G •	6.82	89

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Cat no	Price £ per piece	Page no	Cat no	Price £ per piece	Page no	Cat no	Price £ per piece	Page no
5W102W	6.82	44	5Z185W	11.98	44	6S104G	41.62	24
5W102W	6.82	50	5Z190B	5.80	43	6S104G	41.62	33
5W105B	3.81	49	5Z190G	5.80	43	6S105E	104.52	72
5W105G	3.81	49	5Z190W	5.80	43	6S105G	104.52	24
5W105W	3.81	49	5Z210B	10.59	44	6S105G	104.52	33
5W160B	3.32	49	5Z210G	10.59	44	6S124B	61.23	24
5W160G	3.32	49	5Z210W	10.59	44	6S124B	61.23	33
5W160W	3.32	49	5Z230W	18.66	44	6S124E	61.23	67
5W161B	3.58	49	5Z260B	5.84	43	6S124G	61.23	24
5W161G	3.58	49	5Z260G	5.84	43	6S124G	61.23	33
5W161W	3.58	49	5Z260W	5.84	43	6S130G	9.82	31
5W163B	3.31	50	5Z263B	4.10	43	6S161G	160.40	25
5W163G	3.31	50	5Z263G	4.10	43	6S163G	160.40	26
5W163W	3.31	50	5Z263W	4.10	43	6S190G	289.71	27
5W166B	3.31	50	5Z292B	4.82	44	6S198G	223.27	28
5W166G	3.31	50	5Z292G	4.82	44	6S210G	289.71	28
5W166W	3.31	50	5Z292W	4.82	44	6S218G	223.27	28
5W185B	4.24	51	5Z344G	4.10	45	6S238G	394.57	28
5W190B	3.32	50	5Z363W	7.13	44	6S274G	217.26	31
5W190G	3.32	50	5Z363W	7.13	82	6S292B	80.98	31
5W190W	3.32	50	5Z364W	5.21	44	6S292B	80.98	37
5W260B	3.81	50	5Z455B	3.12	45	6S292G	80.98	31
5W260G	3.81	50	5Z455G	3.12	45	6S292G	80.98	37
5W260W	3.81	50	5Z455W	3.12	45	6S302G	41.13	40
5W292B	3.31	50	6CS218SE	289.71	73	6S323G	38.49	30
5W292G	3.31	50	6CS474SE	176.97	71	6S416E	21.33	33
5W292W	3.31	50	6CS897SE	161.63	73	6S416E	21.33	68
5Z073B	19.23	42	6S043E	296.86	72	6S440G	179.26	27
5Z073W	19.23	42	6S043G	296.86	23	6S461B	122.70	33
5Z074G	25.59	42	6S044G	386.27	23	6S461E	122.70	33
5Z081B	1.19	42	6S074B	357.64	23	6S461E	122.70	68
5Z081G	1.19	42	6S074B	357.64	32	6S461G	122.70	33
5Z081W	1.19	42	6S074E	357.64	32	6S463B	125.67	34
5Z085B	4.15	45	6S074E	357.64	23	6S463E	125.67	34
5Z085G	4.15	45	6S074E	357.64	67	6S463E	125.67	68
5Z085W	4.15	45	6S074G	357.64	23	6S463G	125.67	34
5Z104B	3.41	42	6S074G	357.64	32	6S474B	176.97	36
5Z104G	3.41	42	6S082B	28.66	23	6S474G	176.97	36
5Z104W	3.41	42	6S082B	28.66	32	6S490B	209.50	34
5Z120W	4.84	44	6S082E	28.66	32	6S490E	209.50	34
5Z124G	6.80	42	6S082E	28.66	67	6S490E	209.50	69
5Z124W	6.80	66	6S082G	28.66	23	6S490G	209.50	34
5Z124W	6.80	42	6S082G	28.66	32	6S498B	161.63	35
5Z127W	10.27	45	6S084	47.60	24	6S498E	161.63	35
5Z127W	10.27	80	6S084	47.60	32	6S498G	161.63	35
5Z128W	9.72	45	6S084	47.60	67	6S499B	67.18	33
5Z128W	9.72	80	6S086	104.52	24	6S499E	67.18	33
5Z160B	5.21	42	6S086	104.52	32	6S499E	67.18	68
5Z160G	5.21	42	6S086	104.52	67	6S499G	67.18	33
5Z160W	5.21	42	6S099E	92.75	72	6T603B	81.37	21
5Z161B	5.54	43	6S099G	92.75	25	6T603G	81.37	21
5Z161G	5.54	43	6S104B	41.62	24	6T606B	57.93	21
5Z161W	5.54	43	6S104B	41.62	33	6T606G	57.93	21
5Z163B	4.64	43	6S104E	41.62	33	6T609B	42.18	21
5Z163G	4.64	43	6S104E	41.62	24	6T609G	42.18	21
5Z163W	4.64	43	6S104E	41.62	67	6T610B	9.92	21

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6T610G	9.92	21	9T903N	20.74	17	10UH604	16.39	118
6T611B	28.74	21	9T903W	20.74	17	15UH211 p/pack	37.82	119
6T611G	28.74	21	9T904AG	23.77	18	15UH231	0.11	116
6T616B	3.01	22	9T904B	23.77	18	15UH232	14.11	116
6T616G	3.01	22	9T904G	23.77	18	15UH234	35.28	116
6T619B	14.77	21	9T904N	23.77	18	15UH237	455.54	116
6T619G	14.77	21	9T904W	23.77	18	15UH238	0.40	116
6T664B	3.28	22	9T906AG	16.04	17	15UH308	244.27	120
6T674B	142.53	21	9T906B	16.04	17	15UH311	78.35	120
6T674G	142.53	21	9T906G	16.04	17	15UH385	134.31	121
6T694B	31.99	21	9T906N	16.04	17	15UH386	134.31	121
6T694G	31.99	21	9T906W	16.04	17	15UH402	30.37	121
6T695B	28.57	21	9T909AG	13.04	17	15UH408	142.50	121
6T696B	30.23	22	9T909B	13.04	17	15UH472	51.87	121
6T999B	145.83	21	9T909G	13.04	17	15UH475	134.31	121
6T999G	154.26	21	9T909N	13.04	17	15UH476	134.31	121
8T806B	20.19	15	9T909W	13.04	17	15UH492	253.07	121
8T806W	20.19	15	9T910AG	5.70	17	15UH494	9.52	121
8T807B	19.55	15	9T910B	5.70	17	15UH495	18.09	121
8T807W	19.55	15	9T910G	5.70	17	15UH510	121.40	119
8T808B	19.55	15	9T910N	5.70	17	15UH511	47.30	119
8T808W	19.55	15	9T910W	5.70	17	15UH512	412.27	119
8T809B	15.81	15	9T911AG	8.03	17	15UH513	124.57	119
8T809W	15.81	15	9T911B	8.03	17	15UH524	36.12	121
8T816B	2.37	16	9T911G	8.03	17	15UH529	10.80	120
8T816W	2.37	16	9T911N	8.03	17	15UH550	69.21	119
8T819B	5.86	15	9T911W	8.03	17	15UH551	136.25	120
8T819W	5.86	15	9T916AG	2.18	18	15UH552	201.68	120
8T840B	8.89	15	9T916B	2.18	18	15UH553	241.44	120
8T840W	8.89	15	9T916G	2.18	18	15UH554	282.18	120
8T841B	12.43	15	9T916N	2.18	18	15UH555	334.37	120
8T841W	12.43	15	9T916W	2.18	18	15UH556	367.38	120
8T843B	23.27	15	9T919AG	4.54	17	15UH557	406.74	120
8T843W	23.27	15	9T919B	4.54	17	15UH558	479.05	120
8T844B	24.48	16	9T919G	4.54	17	15UH559	527.46	120
8T844W	24.48	16	9T919N	4.54	17	15UH560	575.07	120
8T849B	7.80	15	9T919W	4.54	17	15UH561	634.03	120
8T849W	7.80	15	9T964B	2.16	18	15UH562	668.30	120
8T850B	8.89	15	9T974AG	53.62	17	15UH565	7.22	119
8T850W	8.89	15	9T974B	53.62	17	15UH566	6.82	120
8T851B	12.43	15	9T974G	53.62	17	15UH567	46.52	120
8T851W	12.43	15	9T974N	53.62	17	15UH568	7.79	120
8T853B	20.70	15	9T974W	53.62	17	15UH569	2.12	120
8T853W	20.70	15	9T994AG	21.13	18	15UH605	13.43	118
8T854B	24.48	16	9T994B	21.13	18	15UH606	5.75	118
8T854W	24.48	16	9T994G	21.13	18	15UH607	19.68	119
8T864B	2.26	16	9T999B	91.38	18	15UH608	29.24	118
8T874B	65.05	15	9T999G	91.38	18	15UH610	27.38	118
8T874W	65.05	15	9T999N	91.38	18	15UH612	3.16	118
8T894B	23.19	16	9T999W	91.38	18	15UKPK1	965.19	117
8T894W	23.19	16	10UH232	14.11	116	15UKPK2	993.42	117
8T999B	100.16	16	10UH529	10.80	120	15UKPK3	1027.29	117
8T999W	100.16	16	10UH600	20.38	118	16UH529	10.80	120
9T903AG	20.74	17	10UH601	44.48	118	3003458	51.11	85
9T903B	20.74	17	10UH602	48.87	118	3003459	64.05	85
9T903G	20.74	17	10UH603	46.69	118	3003460	92.14	85

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Cat no	Price £ per piece	Page no	Cat no	Price £ per piece	Page no	Cat no	Price £ per piece	Page no
3003461	143.99	85	3003602	8.51	87	3003688	58.77	88
3003462	192.04	85	3003603	8.46	87	3003689	63.51	89
3003463	305.89	85	3003605 ^Δ	15.55	87	3003690 ^Δ	58.83	88
3003464	475.48	85	3003619 ^Δ	43.51	91	3003691 ^Δ	48.55	89
3003465	18.20	85	3003620 ^Δ	43.22	91	3003698*	126.49	89
3003466	21.56	85	3003621 ^Δ	87.35	91	3003702*	125.95	89
3003467	29.66	85	3003622	6.37	87	3003704*	181.02	89
3003468	34.29	85	3003633	6.64	88	3003705*	211.72	88
3003477	25.39	85	3003634 ^Δ	7.84	88	3003707Q ^Δ	176.77	88
3003478	5.76	92	3003635Q ^Δ	6.45	87	3003709*	234.29	88
3003479	5.90	92	3003637Q	6.82	88	3003710*	234.44	88
3003480	6.09	92	3003638	6.59	88	3003713* ^Δ	256.40	89
3003481	8.48	92	3003639Q	4.35	88	3003716 ^Δ	211.72	89
3003482	8.26	92	3003641	7.39	88	3003718*	391.73	88
3003483	8.68	92	3003642	7.84	89	3003719*	396.58	88
3003484	15.35	92	3003643Q	8.57	88	3003723*	374.29	88
3003485	19.87	92	3003645Q	8.12	88	3003724	6.02	87
3003489	5.91	92	3003646 ^Δ	7.79	88	3003725Q	5.80	87
3003493	5.64	92	3003647Q	5.67	88	3003726	6.37	88
3003494 ^Δ	5.64	92	3003648 ^Δ	9.93	89	3003727	6.35	88
3003495	8.02	92	3003649	7.42	88	3003728	23.25	87
3003496 ^Δ	8.02	92	3003650	7.79	88	3003730 ^Δ	20.86	87
3003497	10.17	92	3003651Q ^Δ	14.97	88	3003732 ^Δ	19.75	91
3003498 ^Δ	16.20	92	3003652	9.91	89	3003734 ^Δ	25.16	91
3003499	31.96	92	3003654Q	11.11	88	3003736	27.58	91
3003505	11.16	92	3003655	9.97	89	3003738Q ^Δ	38.15	91
3003506	11.02	92	3003656Q	12.71	88	3003739	36.59	91
3003507	13.19	92	3003657	9.93	89	3003740	37.94	91
3003508	14.01	92	3003658Q ^Δ	15.45	88	3003741 ^Δ	45.78	91
3003509	14.37	92	3003659 ^Δ	9.93	89	3003743	90.44	91
3003510	14.74	92	3003660Q ^Δ	16.60	88	3003755	42.95	91
3003511 ^Δ	22.40	92	3003661 ^Δ	14.57	89	3003756	42.59	91
3003512	40.66	92	3003662	12.87	88	3003776 ^Δ	51.85	91
3003513*	188.45	92	3003663	11.43	89	3003777	57.55	91
3003515	477.55	92	3003664 ^Δ	12.33	88	3003791 ^Δ	101.37	87
3003516 ^Δ	30.58	94	3003665	11.82	89	3003792	14.04	87
3003528 ^Δ	36.64	94	3003666	12.67	88	3003796 ^Δ	4.15	85
3003550 ^Δ	23.18	91	3003667	11.82	89	3003797 ^Δ	4.15	85
3003554 ^Δ	22.59	91	3003668	12.67	88	3003798	3.06	85
3003569	3.82	86	3003669 ^Δ	12.22	89	3003800 ^Δ	4.49	85
3003570 [†]	4.21	87	3003670	12.79	88	3003801 ^Δ	4.49	85
3003572	4.84	86	3003671	11.39	89	3003803 ^Δ	4.61	85
3003573 [†]	5.97	87	3003672Q ^Δ	15.58	88	3003804 ^Δ	5.65	85
3003574	7.02	86	3003673 ^Δ	12.22	89	3003805 ^Δ	5.65	85
3003575	8.51	87	3003674	12.27	88	3003807 ^Δ	5.65	85
3003576	23.46	86	3003675	12.22	89	3003808	5.65	85
3003577	6.87	86	3003676 ^Δ	17.07	88	3003809	5.65	85
3003579 [†]	9.22	87	3003677	17.00	89	3003810	5.59	85
3003582	11.26	86	3003678Q	22.99	88	3003812 ^Δ	8.99	85
3003583 [†]	14.78	87	3003679 ^Δ	16.90	88	3003815	8.99	85
3003584	35.86	86	3003680 ^Δ	17.00	89	3003816	9.97	85
3003585	29.28	86	3003681Q ^Δ	20.88	88	3003817 ^Δ	9.97	85
3003587 [†]	37.94	87	3003683Q ^Δ	23.54	88	3003820	3.08	85
3003597	3.00	86	3003685	16.90	88	3003821	3.31	85
3003598	3.37	87	3003686 ^Δ	17.00	89	3003822Q ^Δ	3.81	85
3003601 ^Δ	5.25	87	3003687	62.87	89	3003823Q	3.81	85

Cat no	Price £ per piece	Page no	Cat no	Price £ per piece	Page no	Cat no	Price £ per piece	Page no
3003824	4.36	85	3004379	372.07	97	3018835 ^{*Δ}	211.72	89
3003825	4.38	85	3004380	329.01	97	3018836 ^{*Δ}	213.73	89
3003826	4.38	85	3004381	410.31	97	3018837 ^{*Δ}	213.10	89
3003827Q ^Δ	5.39	85	3011162	39.99	103	3020490	153.46	65
3003828	5.86	85	3014918 [*]	230.82	86	3020491	153.46	65
3003829	5.90	86	3017974 [*]	149.17	91	3020492	153.46	65
3003830	6.40	86	3017975 [*]	191.68	91	3020493	153.46	65
3003831	6.24	86	3017976 [*]	231.52	91	3020494	153.46	65
3003832	6.40	86	3017978 [*]	235.03	87	3020495	153.46	65
3003833	6.41	86	3017993	23.10	86	3020496	153.46	65
3003834	6.37	86	3018002 [*]	179.99	89	3020497	153.46	65
3003835	6.38	86	3018003 [*]	181.15	89	3020498	153.46	65
3003836Q ^Δ	10.61	86	3018005 ^Δ	30.33	87	3020499	153.46	65
3003837Q	10.61	86	3018007 ^Δ	43.35	91	3020500	153.46	65
3003838Q	10.61	86	3018008	10.54	92	3020511	15.32	66
3003839	13.98	86	3018025 ^Δ	63.79	94	3021196	85.97	103
3003840	13.99	86	3018026 ^Δ	30.58	94	3023344	11.21	98
3003841	3.62	85	3018027 ^Δ	30.58	94	3023345	5.80	99
3003842Q	3.81	85	3018028 ^Δ	30.58	94	3023346	8.31	99
3003843	4.37	85	3018029 ^Δ	36.64	94	3023347	11.93	99
3003856 [*]	229.86	86	3018030 ^Δ	53.37	94	3023348	3.42	97
3003858	5.59	85	3018031 ^Δ	281.61	93	3023359	4.46	97
3003860	3.14	93	3018297	261.16	97	3023360	6.70	97
3003861	2.68	93	3018299	369.26	97	3023361	6.60	100
3003862 ^Δ	2.68	93	3018300	299.48	97	3023362	11.29	100
3003863	2.69	93	3018302	522.31	97	3023363	4.27	98
3003865 ^Δ	3.39	93	3018704 ^Δ	3.30	93	3023364	5.37	98
3003866	6.37	93	3018705 ^Δ	4.31	93	3023365	7.62	98
3003867 ^Δ	7.95	93	3018706 ^Δ	4.31	93	3023488	11.66	97
3003868	25.72	93	3018707 ^Δ	4.99	93	3023489	6.89	100
3003869	7.49	92	3018708	0.81	93	3023490	7.66	100
3003870	7.60	92	3018709	0.91	93	3023491	16.38	100
3003871 ^Δ	7.60	92	3018710 ^Δ	4.99	93	3023492	23.81	100
3003872 ^Δ	17.95	92	3018711	6.05	93	3023493	31.70	100
3003873	24.19	92	3018808 [*]	63.41	85	3023494	5.81	100
3003874	2.68	93	3018809 [*]	166.62	85	3023495	4.29	100
3003905 ^Δ	7.11	92	3018810 [*]	230.82	85	3023496	5.46	100
3003908 ^Δ	8.62	93	3018811	102.51	86	3023497	8.54	100
3003910 ^Δ	8.62	93	3018812	101.55	86	3023498	9.09	98
3003912 ^Δ	8.62	93	3018813	101.55	86	3023499	13.21	98
3003913 ^Δ	8.62	93	3018815Q ^Δ	33.60	91	3023500	11.88	98
3003917 ^Δ	20.35	93	3018818 [*]	140.84	87	3023504	7.60	99
3003921 ^Δ	20.35	93	3018819 ^{*Δ}	343.00	87	3023505	7.60	99
3003924 ^Δ	20.35	93	3018820	81.42	86	3023506	7.60	99
3003925 ^Δ	51.55	93	3018821 [*]	133.11	86	3023507	7.60	99
3003927 ^Δ	20.35	93	3018822 ^{*Δ}	183.98	86	3023508	10.52	99
3003935 ^Δ	7.11	92	3018824Q ^Δ	137.09	88	3023509	9.81	99
3003936 ^Δ	12.10	92	3018826 [*]	322.62	88	3023510	10.38	99
3003937 ^Δ	12.10	92	3018827 ^Δ	276.92	88	3023511	11.46	99
3003938 ^Δ	20.01	92	3018828 [*]	374.06	88	3023512	10.55	99
3003943	28.55	87	3018829 [*]	473.17	88	3023513	15.95	99
3003944	3.57	87	3018831 [*]	125.95	89	3023514	17.04	99
3004370	410.54	97	3018832 ^Δ	179.99	89	3023515	16.75	99
3004371	73.15	97	3018832 ^Δ	179.99	89	3023516	18.45	99
3004372	143.23	97	3018833 [*]	181.68	89	3023517	16.81	99
3004378	279.28	97	3018834 ^{*Δ}	211.72	89	3023518	25.98	99

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3023519	28.70	99	3027854	88.03	99	3079953	25.11	64
3023520	25.55	99	3027855	74.07	99	3079954	25.75	64
3023521	20.33	99	3027856	66.71	99	3079959	49.83	64
3023522	11.14	98	3028271	233.65	97	3079960	51.21	64
3023525	4.75	98	3041228	45.36	97	3079961	52.64	64
3023526	6.15	98	3043453 ^Δ	38.99	86	3079962	56.52	64
3023527	6.73	98	3043454 ^Δ	44.88	86	3079965	6.87	64
3023528	11.38	98	3043455 ^Δ	73.58	86	3079966	6.87	64
3023529	17.88	98	3043457 ^Δ	105.53	86	3079967	5.65	64
3023537	14.22	98	3052945	6.80	101	3079968	6.87	64
3023539	18.89	98	3052946	12.16	101	3079969	5.65	64
3023540	21.62	98	3052947	14.14	101	3079980	74.89	64
3023541	13.17	100	3052948	18.61	101	3079981	41.76	64
3023542	5.40	98	3052949	20.19	101	3079982	27.56	64
3023543	6.58	98	3053971	303.97	97	3079983	27.56	64
3023544	9.51	98	3061202	1239.61	97	3079991	85.65	64
3023545	10.59	98	3061211	16.57	97	3079992	85.65	64
3023546	8.23	98	3061212	23.85	97	3079994	118.23	64
3023547	10.44	98	3061213	36.18	97	3079996	12.33	64
3023548	12.72	98	3065639	92.11	97	3079997	12.33	64
3023549	14.22	98	3065640	87.06	98	3080008	202.04	65
3023550	6.05	100	3065641	84.64	98	3080010	140.11	64
3023551	6.91	100	3065642	98.10	98	3080012	22.60	64
3023552	8.98	100	3065643	99.83	98	3080014	43.63	64
3023553	19.78	100	3065644	137.99	99	3080016	6.88	64
3023554	19.08	100	3065645	110.18	99	3080019	18.25	66
3023555	13.76	98	3065646	106.14	99	3080021	44.58	66
3023557	14.00	99	3065647	94.01	99	3080023	9.51	66
3023558	15.62	99	3065902	76.14	65	3080026	29.31	64
3023559	16.23	99	3070529	304.80	97	3080030	32.63	64
3023560	20.18	99	3070629	276.87	92	3080034	49.61	64
3023561	4.96	100	3070630*	189.66	88	3080036	63.43	64
3023562	5.50	100	3070631*	89.69	91	3080044	54.80	64
3023563	6.29	100	3070632*	161.85	86	3080050	121.46	64
3024664	33.27	99	3070633*	126.49	88	3080063	21.84	64
3024665	18.56	97	3070634*	132.10	88	3080078	15.66	66
3024666	23.25	98	3070827	26.44	97	3080082	30.14	66
3024667	36.33	98	3071219	243.23	97	3080088	15.64	66
3024668	39.75	98	3071220	279.28	97	3080090	45.56	66
3027829	51.99	99	3071221	372.07	97	3080095	92.11	65
3027830	37.95	99	3071222	259.65	97	3080096	92.11	65
3027831	42.77	99	3071224	329.01	97	3080097	92.11	65
3027832	27.47	97	3071225	410.31	97	3080103	15.04	66
3027833	27.88	98	3071226	304.80	97	3080105	55.34	66
3027834	30.71	98	3072958	9.68	97	3080106	6.39	66
3027836	21.70	100	3072989	13.88	97	3082542	17.78	92
3027837	31.90	100	3072990	21.12	97	3084561	4.23	92
3027838	28.15	100	3075609	38.43	85	3084562	5.05	92
3027839	25.31	98	3075823	36.48	89	3084563	2.50	86
3027842	39.86	99	3075824 ^Δ	8.46	86	3084564 [†]	2.52	87
3027847	72.46	97	3079913	51.67	66	3084565	2.53	86
3027848	81.88	98	3079915	122.61	66	3084566 [†]	3.37	87
3027849	90.05	98	3079917	24.94	66	3084567	2.98	87
3027850	73.62	98	3079950	21.96	64	3084570	6.14	87
3027852	70.09	98	3079951	23.47	64	3084571	4.99	88
3027853	98.11	99	3079952	24.77	64	3084572	6.33	87

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3084573	6.37	88	4013562	42.75	102	4042914	1580.43	95
3084574	6.37	87	4013571	25.96	101	4043224	182.65	102
3084575	6.38	88	4013572	25.96	101	4043225	195.44	102
3084576	3.08	85	4013573	25.96	101	4046556	211.50	103
3084577	2.50	87	4020757	51.55	95	4046557	211.50	103
4009725	58.01	88	4023071	24.34	102	4046558	232.65	103
4009748	29.31	93	4023073	26.60	102	4046559	232.65	103
4009749 ^Δ	57.95	93	4023075	34.95	102	4046560	338.40	103
4009750 ^Δ	49.91	93	4023077	395.97	102	4046691	243.23	103
4009751 ^Δ	95.93	93	4023364	75.38	103	4046694	243.23	103
4009761 ^Δ	8.62	93	4023365	80.88	103	4046695	253.80	103
4009793	5.94	93	4023375	31.00	90	4046756	253.80	103
4011390	495.40	95	4023376	35.33	90	4046758	359.55	103
4011393	506.57	95	4024189	1890.87	95	4046759	380.70	103
4011396	2403.37	95	4024190	2201.32	95	4048906	2115.00	102
4011398	POA	94	4024393	1890.87	95	4048907	3384.00	102
4011401 ^Δ	POA	94	4024432	1890.87	95	4049178	93.28	101
4011402 ^Δ	POA	94	4024493	1580.43	95	4049179	126.32	101
4011403	665.78	94	4024569	1890.87	95	4053507	213.20	103
4011453	14.70	95	4025509	30.21	95	4053508	84.18	102
4012113	3.67	90	4025566	2.34	66	4053509	401.85	103
4012117	5.07	90	4025568	2.34	66	4053510	391.28	103
4012118	5.90	90	4025986 ^Δ	26.36	93	4061068	147.31	92
4012121 ^Δ	5.31	90	4025988 ^Δ	36.72	93	4063088 ^Δ	9.09	90
4012122	6.45	90	4025989 ^Δ	26.36	93	4063089 ^Δ	9.22	90
4012125	5.52	90	4025992 ^Δ	165.16	93	4063090 ^Δ	5.20	90
4012126	6.51	90	4026014 ^Δ	300.71	94	4063092 ^Δ	4.81	90
4012131	5.92	90	4026102	59.44	66	4063093 ^Δ	6.89	90
4012132	7.46	90	4026106	88.68	66	4063094 ^Δ	6.45	90
4012137	6.48	90	4026109	190.73	66	4063766	16.95	90
4012138	7.53	90	4026438	23.15	90	4063767	16.95	90
4012141	6.80	90	4026439 ^Δ	24.03	90	4063768	16.95	90
4012142	7.42	90	4026441 ^Δ	118.20	90	4063769	21.56	90
4012146	7.58	90	4026442 ^Δ	245.75	90	4063770 ^Δ	21.56	90
4012147	9.22	90	4031987	138.75	103	4063772	36.22	90
4012151	27.45	90	4031988	135.42	103	4064881	246.51	92
4012155	27.83	90	4032676	6.89	101	4064882	280.52	92
4012159	32.40	90	4032685	73.54	101	4064999	5452.39	94
4012326	4.81	90	4032698	49.32	101	4065000	270.16	94
4012329	3.36	90	4032699	77.64	101	4065001	270.16	94
4012331	6.73	90	4032700	6.89	101	4065138	18.25	66
4012333 ^Δ	8.08	90	4032721	8.90	101	4065141	18.25	66
4012335	6.89	90	4032722	9.60	101	4065143	18.25	66
4012337	7.09	90	4032723	17.83	101	4065145	2.34	66
4012339	5.49	90	4032724	19.91	101	4065188	1.94	66
4012341 ^Δ	7.47	90	4035779	560.48	103	4065190	4.77	66
4012343	6.18	90	4035780	200.59	103	4065192	2.34	66
4012345	26.35	90	4036272	39.99	103	4066330	163.69	95
4013355	4.95	101	4036273	82.68	102	4066449	7.78	66
4013530	602.51	102	4036330	POA	94	4066452	11.12	66
4013538	210.44	102	4037386	16.17	102	4066454	17.21	66
4013541	333.69	103	4037451	12.21	101	4066723	185.06	102
4013542	72.01	102	4037506	35.66	101	4066725	359.55	103
4013543	72.01	102	4037508	35.92	101	4999998	70.76	103
4013553	31.04	102	4037512	22.38	101	4999999	71.70	103
4013559	39.93	102	4042219 ^Δ	346.09	87	AO21 WH	28.98	56

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BV3 WH	7.92	59	HD18A/22W	6.55	107	HX28/28W	19.68	110
BV11 WH	8.31	59	HD25A/15W	4.36	107	HX29/10W	7.16	110
CV1 WH	32.93	59	HD25B/15W	5.15	107	HX29/15W	6.97	110
CV3 WH	7.92	59	HD25B/22W	5.57	107	HX29/22W	10.01	110
CV11 WH	8.31	59	HD26A/10W	4.42	107	HX29/28W	19.02	110
FBP3 WH	30.75	60	HD26A/15W	3.68	107	HX30/15W	3.80	110
FBP6 WH	61.45	60	HD26B/15W	4.42	107	HX30/22W	6.40	110
FCP3 WH	30.75	60	HD26B/22W	4.78	107	HX30/28W	9.39	110
FCP6 WH	61.45	60	HD27/15W	4.81	107	HX31/15W	3.88	110
FCW6 WH	2.72	60	HD62/10W	3.71	106	HX31/22W	6.40	110
FCW30 WH	14.37	60	HD62/15W	3.32	106	HX31/28W	9.39	110
FSBW6 WH	2.72	60	HD62/22W	4.19	106	HX32/15 GY	6.97	110
FSCW6 WH	2.72	60	HD62/28W	6.97	106	HX35/15W	10.90	110
FSCW30 WH	14.37	60	HD74 GR	19.36	114	HX35/22W	15.53	110
HD1/10W	4.19	106	HD75 GR	47.71	114	HX36/15W	10.97	110
HD1/15W	2.50	106	HD77 GR	70.34	114	HX36/22W	13.11	110
HD1/22W	3.52	106	HD78 GR	48.82	114	HX37/15W	7.75	111
HD1/28W	10.14	106	HD125A/15W	7.60	108	HX38/15W	7.16	111
HD2/15W	4.34	106	HD125B/15W	9.00	108	HX39 GR	3.61	110
HD2/22W	3.36	106	HD125B/22W	9.00	108	HX43/22W	23.29	111
HD2/28W	8.13	106	HD125C/22W	15.49	108	HX44/10W	1.31	107
HD3B/15W	7.89	106	HD125D/15W	9.65	108	HX44/15W	1.53	107
HD3B/22W	6.87	106	HD125E/15W	20.67	108	HX44/22W	1.53	107
HD3C/22W	7.89	106	HD125E/22W	38.84	108	HX44/28W	1.84	107
HD4/10W	4.74	106	HD125EH/15W	20.67	108	HX57/15 GRp/pack	5.11	115
HD4/15W	3.21	106	HD125EH/22W	38.84	108	HX57/22 GRp/pack	5.11	115
HD4/22W	4.74	106	HD125F/15W •	13.61	109	HX58/15 GYp/pack	5.11	115
HD4A/15W	4.74	106	HD125G/15W •	13.61	109	HX58/22 GYp/pack	5.11	115
HD5/10W	4.74	106	HD125H/15W	8.93	108	HX60/10W	0.54	106
HD5/15W	3.05	106	HD125H/22W	10.93	108	HX60/15W	0.55	106
HD5/22W	4.47	106	HD225A/15W	10.42	108	HX60/22W	0.71	106
HD5/28W	12.14	106	HD225B/15W	11.77	108	HX60/28W	1.06	106
HD8/10W	5.12	106	HD225B/22W	12.52	108	HX65/10W	0.22	114
HD8/15W	3.55	106	HD225C/22W	18.08	108	HX65/15W	0.36	114
HD8/22W	5.12	106	HD225E/15W	22.62	108	HX65/22W	0.36	114
HD10/10W	5.86	106	HD225E/22W	42.36	108	HX65/28W	0.44	114
HD10/15W	4.28	106	HD225H/15W	13.09	108	HX72/15W	18.43	111
HD10/22W	5.86	106	HD225H/22W	15.11	108	HX75/15 GR	2.46	114
HD10/28W	16.76	106	HD225I/15W	24.89	108	HX75/15 GR	2.46	119
HD12/22W	6.20	106	HD325A/15W	18.92	108	HX75/22 GR	3.45	114
HD12/28W	16.76	106	HD325B/22W	23.09	108	HX77/10W	2.29	114
HD13/15W	6.20	107	HD425A/15W	7.20	108	HX77/15W	1.88	114
HD13/22W	6.20	107	HX6/15W	10.75	110	HX78/10W	0.33	114
HD13/28W	16.76	107	HX6/22W	11.69	110	HX78/15W	0.38	114
HD13A/22W	6.20	107	HX18/15W	8.24	111	HX78/22W	0.38	114
HD13A/28W	16.76	107	HX19/15W	8.25	111	HX78/28W	0.43	114
HD14/15W	6.20	107	HX20/15W	3.62	107	HX79/10W	0.38	114
HD14/22W	6.20	107	HX20/22W	4.55	107	HX79/15W	0.44	114
HD14/28W	16.76	107	HX20/28W	20.39	107	HX79/22W	0.44	114
HD14A/22W	6.20	107	HX22/15W	13.77	110	HX79/28W	0.49	114
HD15/15W	6.20	107	HX22/22W	17.97	110	HX81 GR	559.54	114
HD15/22W	6.20	107	HX24/15W	10.01	110	HX85/15W	0.36	114
HD18/15W	6.20	107	HX28/10W	7.16	110	HX85/15W	0.36	119

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HX88/22W	8.36	111
HX88B/22W	8.64	111
HX89/22W	11.23	111
HX89B/22W	11.64	111
HX91T/22W	23.38	112
HX92/22W	8.36	112
HX92B/22W	9.15	111
HX92T/15W	39.28	112
HX93T/15W	57.59	112
HX94/22W	11.23	112
HX94B/22W	11.64	112
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HX95A GR	22.51	112
HX96/22W	12.84	112
HX96B/22W	12.84	112
HX97 GY	3.42	112
HX98 GY	3.97	112
HX100 BL	6.75	115
HX101/15W	9.40	115
HX103 BL	1.88	115
HX104 BL	2.26	115
HX109 GY	3.62	113
HX110 GY	3.04	113
HX112 GY	0.20	113
HX113 WH	7.95	113
HX200	13.30	115
HXC25/15 BL	40.69	115
HXC25/22 BL	50.90	115
HXC50/15 BL	81.44	115
HXC50/22 BL	101.29	115
HXX03/15W	8.20	105
HXX03/22W	16.05	105
HXX03/28W	22.01	105
HXX06/15W	16.92	105
HXX06/22W	33.21	105
HXX06/28W	45.29	105
HXX10/15W	26.20	116
HXX10/15W	26.20	105
HXX10/22W	51.12	105
HXX10/28W	68.91	105
HXX25/10W	55.65	105
HXX25/10W	55.65	116
HXX25/15W	65.46	105
HXX25/15W	65.46	116
HXX25/22W	127.78	105
HXX25/28W	172.29	105
HXX50/10W	109.61	105
HXX50/10W	109.61	116
HXX50/15W	129.55	105
HXX50/15W	129.55	116
HXX50/22W	253.01	105

Cat no	Price £ per piece	Page no
HXX50/28W	342.95	105
HXX70/10W	152.49	116
HXX80/15W	207.27	105
HXX80/15W	207.27	116
HXX100/10W	215.93	105
HXX100/10W	215.93	116
HXX100/15W	255.09	105
HXX100/15W	255.09	116
HXX120/15W	306.11	105
HXX120/15W	306.11	116
HXXC2528 BU	331.49	105
HXXC2528 RD	331.49	105
HXXC5010 BU	227.65	105
HXXC5010 RD	227.65	105
HXXC5015 BU	261.76	105
HXXC5015 RD	261.76	105
HXXC5022 BU	402.65	105
HXXC5022 RD	402.65	105
S170 WH	50.80	60
S171 WH	48.70	60
S172 WH	46.60	60
S951 BL	36.80	61
WC003W	25.67	39
WC003W	25.67	79
WC004W	19.02	39
WC004W	19.02	79
WC144W	24.56	79
WC144W	24.56	39
WC204W	23.34	39
WC204W	23.34	79
WC404W	23.38	79
WC404W	23.38	39
WC904W	27.27	39
WC904W	27.27	79

Notes

Notes

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All purchases are subject to our standard terms and conditions of sale, available at **wavin.co.uk** or call for a copy.

Prices are subject to VAT at the current rate.

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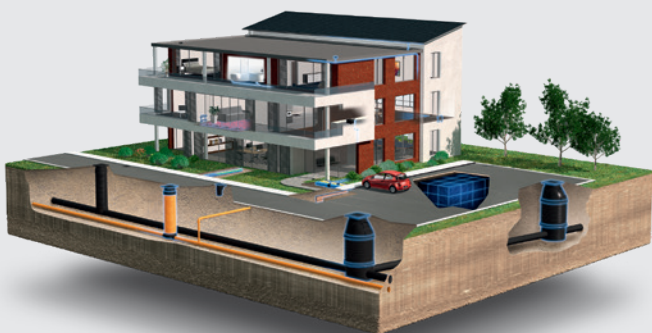
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