











Multifit Waste Fittings


Multifit Waste Fittings


	1¼" Code	1½" Code	2" Code
			
90° Bend			
	MS4	MT4	MZ4
			
90° Bend Multifit x European pipe size			
x 32mm	x 40mm	x 50mm	
MS4-ISO	MT4-ISO	MZ4-ISO	
			
90° Bend Multifit x 32mm European pipe size ring seal pushfit			
MS4-32MM	-	-	
			
90° Bend ABS solvent weld x 32mm European pipe size ring seal pushfit			
MS4-32SOLVENT		-	
			
90° Bend Multifit x plain end*			
MS4L	MT4L	MZ4L	
			
135° Bend			
MS20	MT20	MZ20	
			
135° Bend Multifit x plain end*			
MS20L	MT20L	MZ20L	
			
Straight Connector			
S28M	T28M	Z28M	
			
Straight Connector 1¼" x 1½"			
-	ST28M	-	

	1¼" Code	1½" Code	2" Code
			
Straight Connector Multifit x European pipe size			
x 32mm	x 40mm	x 50mm	
S28L-ISO	T28L-ISO	Z28L-ISO	
x 40mm	-	-	
ST28L-ISO	-	-	
			
Adjustable Straight Connector			
MS18E	MT18E	MZ18E	
			
Straight Connector Multifit x plain end*			
MS18L	MT18L	-	
			
Swept Tee			
V8M	V1M	V15M	
			
1½" Equal Slip Tee with universal connections			
-	V1MX	-	
			
Reducer for Fittings*			
1½" x 1¼"	T12M	-	
2" x 1¼"	-	ZS26L	
2" x 1½"	-	ZT26L	
2" x 19/23mm	-	TUN-2	


■ Fittings marked* have plain ends which are designed to fit into other fittings or traps with Multifit or universal connection


	1¼"	1½"	2"
	Code	Code	Code
	Reducer in ABS* 1¼" plain tail to BS EN 1329-1:2000 x 19/23mm universal connection		
	R16	-	-


	Reducer in ABS* 1½" plain tail to BS EN 1329-1:2000 x 19/23mm universal connection		
	-	R17	-


	Rubber Reducer 1¼" x 1"/28mm		
	T12R	-	-


	Straight Connector Multifit x BSP female thread		
	S29	T29	Z29

	Straight Connector Multifit x BSP coupling nut		
	S29-LN	T29-LN	-

	90° Bend Multifit x BSP coupling nut		
	S5M	T5M	Z5M

	95° Bend Multifit x BSP coupling nut		
	S5M-A	T5M-A	-


	135° Bend Multifit x BSP coupling nut		
	-	ST90-OUT	-


	1¼"	1½"	2"
	Code	Code	Code
	Straight Connector BSP male thread x universal connection		
	S31M	T31M	-


	Multifit Tank Connector		
	S11M	T11M	Z11M

	Multifit Bent Tank Connector		
	MS4-TANK MT4-TANK MZ4-TANK		

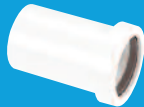
	Blanking Cap for Multifit fittings		
	S23M	T23M	Z23M

	Blanking Cap for waste pipe with universal connection		
	S23U	T23U	Z23U

	2" Caulking Ferrule		
	S21A	T21A	Z21A

	In-Line Connector with Filter - Top Access universal connection x ABS plain spigot BS EN 1329-1:2000		
	-	T28M-FIL	-

	Loose Nut		
	S8M	T8M	Z8M

	Straight Connector pushfit to solvent weld		
	S18-ABS	T18-ABS	

Flexible Waste Fittings and Non-Return Valves

Flexible Connector offers maximum flexibility when conventional fittings cannot be used

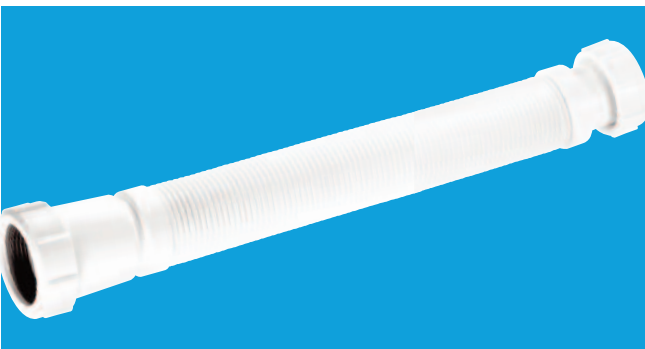
- Maximum effective length 18"
- PVC Plain spigot to suit Multifit and universal outlet traps or waste fittings. Also suitable for solvent welding to pipe BS EN 1329-1:2000
- Universal outlet connection



1 1/4" Code	1 1/2" Code	2" Code
FLEXCON1	FLEXCON2	-

Flexible Connector offers maximum flexibility when conventional fittings cannot be used

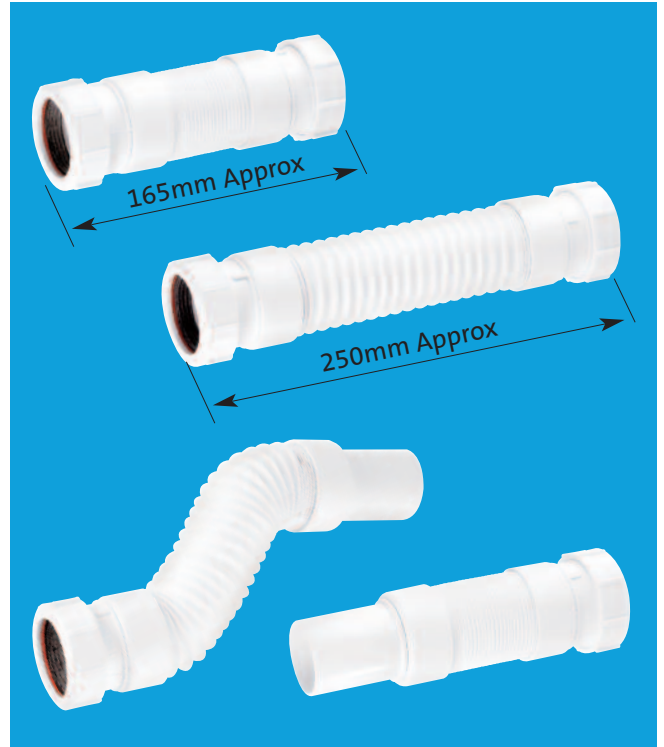
- Maximum effective length 18"
- Universal connection x 1 1/2" BSP coupling nut



-	FLEXCON2-LN	-
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Flexible Fittings

- These fittings offer complete flexibility for any required angle or offset



1 1/4" Code

1 1/2" Code

2" Code

Universal Connection x Universal Connection

FLEXCON3

FLEXCON4

FLEXCON7

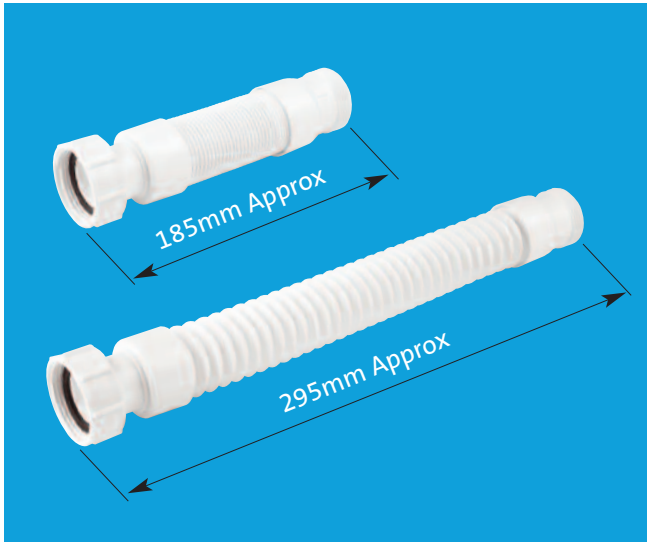
Universal Connection x PVC Plain Spigot

suitable for solvent welding to pipe BS EN 1329-1:2000

FLEXCON5

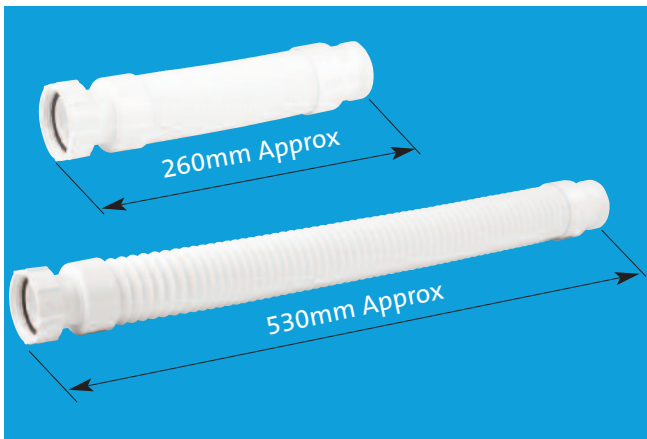
FLEXCON6

FLEXCON8



1 1/4" BSP coupling nut x 1 1/4" BSP male thread

Code **FLEX-JKS**



1 1/2" BSP coupling nut x 1 1/2" BSP male thread

Code **FLEXCON9**

FLEXCON9



Non-Return Valves



1 1/4" Code	1 1/2" Code	2" Code
-	T28M-NRV	-

In-Line Non-Return Valve with 1 1/2" universal connections and top access for cleaning



-	-	Z28M-NRV
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In-Line Non-Return Valve with 2" universal connections and top access for cleaning











-	-	Z28M-NRV5
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In-Line Non-Return Valve with 2" BS EN 1329-1:2000 solvent weld connections and top access for cleaning



- The above Non-Return Valves are designed to prevent a back flow of water and must be installed in a horizontal position. They must only be used when there is no alternative and on the basis that they are cleaned regularly

Sundry Fittings









Sundry Fittings

	1¼"	1½"	2"
	Code	Code	Code
90° Bend with BSP male thread x BSP coupling nut			
S1	T1	Z1	
	BSP Nut ordinary		
	S8A	T8A	Z8A
	BSP Nut compression		
	S8B	T8B	Z8B
	Compression Ring for Imperial Copper		
	S13-ISON	T13-ISON	-
	BSP Coupling to BS EN 1329-1:2000 ABS or PVC pipe, must be solvent welded		
	S25	T25	-
	Trap Inlet Reducer		
	1¼" x 1"		
	S16	-	-
	1½" x 1¼"	T16	-
	Blank Cap with nut for BSP threads		
	S23	T23	Z23
	7" Extension Piece effective length 5". Available longer or shorter on application		
	S22L	T22L	-


BSP Female x BSP Male Couplings

	1¼"	1½"
	Code	Code
BSP Coupling		
1" length	S12A-1	T12A-1
2" length	S12A-2	T12A-2
3" length	S12A-3	T12A-3
	BSP Coupling flush spigot European to UK waste adaptor	
	S12A-F	T12A-F


BSP Female x BSP Male Couplings


	1¼"	1½"	
	Code	Code	
BSP Coupling			
1¼" x 1"	S12C	-	
1" x ¾"	S12D	-	
	BSP Coupling waste outlet reducer		
	1½" x 1¼"	-	T12
	BSP Coupling		
	1¾" x 1½"	-	T12B
	2" x 1½"	-	T12C
	2" x 1¼"	-	T12D
	1½" x 1"	-	T12H
	BSP Coupling		
	1½" x 2"	-	T12E
	1½" x 1¾"	-	T12F
	¾" Female Blank Cap for blanking off appliance valves with ¾" male thread		
	Code	NUT-WMVALVE	
	1" Female Blank Cap for traps and fittings with 1" male thread		
	Code	NUT-BLANK-WH	
	1½" Pipe Clip for floor mounted discharge pipe installations		
	Code	T30-CLAMP	
	Stackable Gradient Spacer for use with T30-CLAMP allowing for a fall of varying degrees		
	Code	T30-SPACER	





	1 1/4"	1 1/2"	2"
	Code	Code	Code
	HDPE White Pipe 3m lengths		
	HD1-3M	HD2-3M	HD3-3M

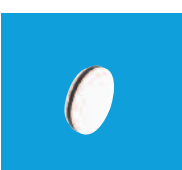
	Pipe Clip		
	S30	T30	Z30


	90° Bend		
	S4L	T4L	Z4L


	Straight Connector		
	S18L	T18L	Z18L


	Straight Connector Multifit x Surefit		
	S28L	T28L	Z28L


	Reducer 1 1/2" to 1 1/4"		
	-	T12L	-


	Blank Cap without nut		
	S23L	T23L	Z23L


	Reducer for Fittings		
	2"-1 1/4"	1 1/2"-1 1/4"	2"-1 1/2"
	S26L	T12S	T26L

	1 1/4"	1 1/2"
	Code	Code
	Swept Tee	
	V8L	V1L


	Swept Tee		
	1 1/2" x 1 1/2" x 1 1/4"	-	V21L

	Swept Tee Surefit x 19mm pushfit branch		
	1 1/2" x 1 1/2" x 3/4"	-	V23L
	1 1/4" x 1 1/4" x 3/4"	V24L	-

	Swept Tee BSP nut x BSP thread x nozzle for discharge hose of domestic appliance		
	1 1/2" x 1 1/2" x 3/4"	-	V33L
	1 1/4" x 1 1/4" x 3/4"	V34L	-

	Tee Piece BSP nut x BSP thread x 135° nozzle for discharge hose of domestic appliance		
	1 1/2" x 1 1/2" x 3/4"		V33S

1 1/4"	1 1/2"	2"
Code	Code	Code

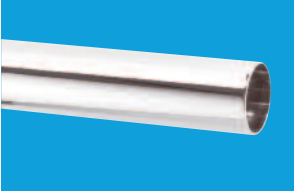
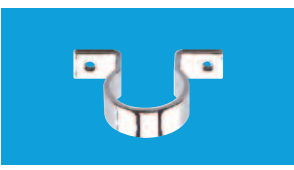


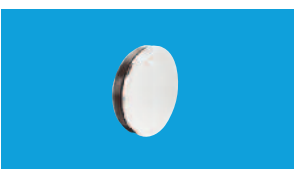


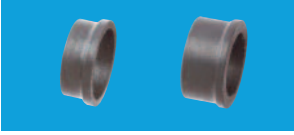

	Straight Connector to soil pipe boss BS EN 1451-1:2000 size*		
	S18M	T18M	Z18M

	Wall Flange for HDPE pipe		
	S17	T17	-

- *BS 5254 size - if connecting to boss size BS 5255 add 5255 to code e.g. S18M 5255
- Surefit waste fittings only suitable for M^cAlpine HDPE waste pipe

Chrome Plated Brass Waste Pipe and Fittings

Chrome Plated Brass Waste Pipe and Fittings

	European pipe size	1¼" UK pipe size	1½" UK pipe size
	1m length of CP Brass Pipe		
	PIPE32-1000-CB	PIPE35-1000-CB	PIPE42-1000-CB
	CP Pipe Clip		
	S32-CP	S35-CP	T42-CP
	90° Compression Bend		
	32A-CB	35A-CB	42A-CB
	135° Compression Bend		
	-	35B-CB	42B-CB
	Compression Tee		
	-	-	42E-CB
	Blanking Cap for above fitting		
	-	-	40K-CB
	Compression Straight Connector		
	32G-CB	35G-CB	42G-CB
	Wall Flange		
	WALLFLANGE-CP32	WALLFLANGE-CP35	WALLFLANGE-CP42
	Synthetic Rubber Seal Reducers for above fittings		
		R/SEAL-35X32	R/SEAL-42X32 R/SEAL-42X35
	ABS Solvent Weld Adaptor to convert above fittings to BS EN 1329-1:2000 plastic solvent weld waste pipe		
	ABSCON-32X1.25	ABSCON-35X1.25	ABSCON-42X1.5

NOTE: European sizes only



90° Bend 32/35mm compression CP brass x 1¼" ABS solvent weld

Code **ABS32/35A-CB**



Elongated 90° Bend 32/35mm compression CP brass x 1¼" ABS solvent weld

Code **ABS32/35A-CB-L**



Straight Connector 32/35mm compression CP brass x 1¼" ABS solvent weld

Code **ABS32/35G-CB**



90° Bend 32mm European pipe size ring seal pushfit x 1¼" Multifit

Code **MS4-32MM**



90° Bend 32mm European pipe size ring seal pushfit x 1¼" ABS solvent weld

Code **MS4-32SOLVENT**

ABS32/35G-CB can be used in conjunction with WALLFLANGE-CP42. As illustrated below



- For Multifit fittings suitable for use with 35mm and 42mm external diameter pipe see pages 54 and 55
- For Chrome Plated Traps see pages 7 and 22

Drain Connectors and Blanking Off Caps

- Manufactured in polypropylene
- Finned seal spigot for internal connection to cast iron, plastic or clay 4"/110mm pipe
- Ideal for low level connections
- Reducers allow for connection to BS EN 1451-1:2000 and BS EN 1329-1:2000 pipe



4"/110mm x 4"/110mm Connector with 'O' seal socket to fit 4"/110mm pipe to BS 4514

Code (Black)	DC1-BL
Code (Grey)	DC1-GR

With 14mm offset

Code (Black)	DC1BL-OS
Code (Grey)	DC1GR-OS

Drain Connector with Boss



4"/110mm x 4"/110mm Connector with 'O' seal socket to fit 4"/110mm pipe to BS 4514 and 1½" universal pipe boss including blanking cap. **Should only be fitted on ground floor due to a reduction in the internal outlet diameter of the boss pipe connector**

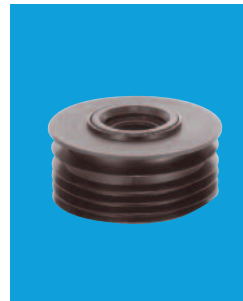
Code (Black)	DC1-BL-BO
Code (Grey)	DC1-GR-BO

Drain Connector 90° Bend



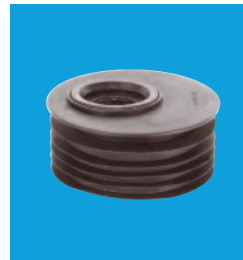
90° Bend 4"/110mm x 4"/110mm with 'O' seal socket to fit 4"/110mm pipe to BS 4514

Code (Black)	DC90-BL
Code (Grey)	DC90-GR



4"/110mm Reducer Connector with sealing ring to fit to plastic waste pipe

	Code
1¼" and 1½"	DC2-BL
2"	DC3-BL



4"/110mm Reducer Connector with offset sealing ring to fit to plastic waste pipe

1¼" and 1½"	DC2BL-OS
2"	DC3BL-OS



4"/110mm Blanking Cap suitable for sealing cast iron, plastic or clay 4"/110mm pipe

Code	DC4-BL
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Temporary Blanking Off Caps



Synthetic Rubber Cap for sealing 110mm pipe

Code	CAP100
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1¼"	1½"	2"
Code	Code	Code

Synthetic Rubber Cap for waste pipe

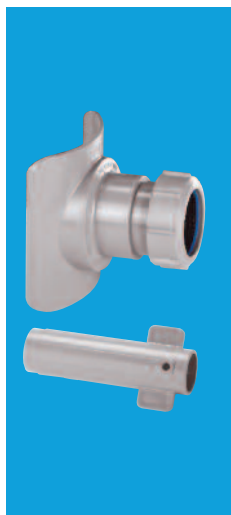
S23MR	T23MR	Z23MR
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- Suitable for waste water and condensate discharge
- Simple dry fixing mechanical connection

Mechanical Soil Pipe Boss Connectors to suit 57mm hole saw size



- | | | |
|---------------------|------|------------------------|
| 4"/110mm x 1¼" pipe | Code | BOSSCONN110-BL |
| 4"/110mm x 1½" pipe | Code | BOSSCONN110T-BL |
| 4"/110mm x 2" pipe | Code | BOSSCONN110Z-BL |
| 3"/82mm x 1¼" pipe | Code | BOSSCONN82-BL |
| 3"/82mm x 1½" pipe | Code | BOSSCONN82T-BL |
| 3"/82mm x 2" pipe | Code | BOSSCONN82Z-BL |



- | | | |
|---------------------|------|------------------------|
| 4"/110mm x 1¼" pipe | Code | BOSSCONN110-GR |
| 4"/110mm x 1½" pipe | Code | BOSSCONN110T-GR |
| 4"/110mm x 2" pipe | Code | BOSSCONN110Z-GR |
| 3"/82mm x 1¼" pipe | Code | BOSSCONN82-GR |
| 3"/82mm x 1½" pipe | Code | BOSSCONN82T-GR |
| 3"/82mm x 2" pipe | Code | BOSSCONN82Z-GR |

- Universal connection for pushfit or solvent weld waste pipe
- All boss connectors supplied with fixing tool

Two-Piece Cast Iron Soil Pipe Boss Connector to suit 22mm drill size for CONDENSATE DISCHARGE ONLY



- | | | |
|---------------------|------|------------------------|
| 4"/100mm x 1¼" pipe | Code | BOSS110CAST-BL |
| 4"/100mm x 1½" pipe | Code | BOSS110TCAST-BL |
| 3½"/90mm x 1¼" pipe | Code | BOSS90CAST-BL |
| 3½"/90mm x 1½" pipe | Code | BOSS90TCAST-BL |
| 3"/82mm x 1¼" pipe | Code | BOSS82CAST-BL |
| 3"/82mm x 1½" pipe | Code | BOSS82TCAST-BL |

Mechanical Soil and Rainwater Pipe Boss Connectors



- Mechanical Soil and Rainwater Pipe Boss Connector** for 1¼" pipe
- | | |
|------|-----------------------|
| Code | BOSSCONN1.25BL |
| Code | BOSSCONN1.25GR |



- Reducer in ABS** 1¼" plain tail x 19/23mm universal connection
- | | |
|------|---------------|
| Code | R16-BL |
| Code | R16-GR |



- Mechanical Soil and Rainwater Pipe Boss Connector** for 19/23mm pipe
- | | |
|------|----------------------|
| Code | BOSSCONN-22MM |
|------|----------------------|

Threaded Boss Connectors



- Straight Connector** 2" BSP male thread x Multifit
- | | |
|-----------------------|--------------|
| 2" BSP x 1¼" Multifit | ZS31M |
| 2" BSP x 1½" Multifit | ZT31M |
| 2" BSP x 2" Multifit | Z31M |

General

- MacFlash Aluminium Roof Flashing offers an alternative to traditional lead roof slates
- The aluminium flashing is manufactured from high grade aluminium and the collar from synthetic rubber, both to British Standards. The collar is die-formed to the aluminium flashing

Advantages

- MacFlash is quickly and easily installed and offers cost savings in material and labour
- MacFlash is suitable for flat roofs and for roof pitches up to 45°
- MacFlash has special corrugations that can be easily dressed to form a seal
- MacFlash can be used with flue pipes from condensing boilers

Nominal Pipe Size 4"/110mm pipe
Base Measurements 18" x 18"

Code **RS1**

Nominal Pipe Size 3"/75mm pipe
Base Measurements 18" x 18"

Code **RS4**

Nominal Pipe Size 4"/110mm pipe
Base Measurements 18" x 24"

Code **RS2**

Nominal Pipe Size 2"/50mm pipe
Base Measurements 18" x 18"

Code **RS7**

Nominal Pipe Size 4"/110mm pipe
Base Measurements 24" x 24"

Code **RS3**

