

**M'ALPINE**  
Plumbing Products

3

# Plastic Waste Pipe, Fittings and Drain Connectors



# Multifit Waste Fittings

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

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

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

|                                                                                     | 1¼"<br>Code                                                                                           | 1½"<br>Code     | 2"<br>Code |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------|------------|
|    | <b>Reducer in ABS*</b> 1¼" plain tail to BS EN 1329-1:2000 x 19/23mm universal compression connection |                 |            |
|                                                                                     | <b>R16</b>                                                                                            | -               | -          |
|    | <b>Reducer in ABS*</b> 1½" plain tail to BS EN 1329-1:2000 x 19/23mm universal compression connection |                 |            |
|                                                                                     | -                                                                                                     | <b>R17</b>      | -          |
|    | <b>Rubber Reducer</b><br>1¼" x 1"/28mm                                                                |                 |            |
|                                                                                     | <b>T12R</b>                                                                                           | -               | -          |
|  | <b>Straight Connector</b> Multifit x BSP female thread                                                |                 |            |
|                                                                                     | <b>S29</b>                                                                                            | <b>T29</b>      | <b>Z29</b> |
|  | <b>Straight Connector</b> Multifit x BSP coupling nut                                                 |                 |            |
|                                                                                     | <b>S29-LN</b>                                                                                         | <b>T29-LN</b>   | -          |
|  | <b>90° Bend</b> Multifit x BSP coupling nut                                                           |                 |            |
|                                                                                     | <b>S5M</b>                                                                                            | <b>T5M</b>      | <b>Z5M</b> |
|  | <b>95° Bend</b> Multifit x BSP coupling nut                                                           |                 |            |
|                                                                                     | <b>S5M-A</b>                                                                                          | <b>T5M-A</b>    | -          |
|  | <b>135° Bend</b> universal compression connection x BSP coupling nut                                  |                 |            |
|                                                                                     | -                                                                                                     | <b>ST90-OUT</b> | -          |

|                                                                                     | 1¼"<br>Code                                                                                                             | 1½"<br>Code     | 2"<br>Code  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------|-------------|
|    | <b>Straight Connector</b> BSP male thread x universal compression connection                                            |                 |             |
|                                                                                     | <b>S31M</b>                                                                                                             | <b>T31M</b>     | -           |
|    | <b>Multifit Tank Connector</b>                                                                                          |                 |             |
|                                                                                     | <b>S11M</b>                                                                                                             | <b>T11M</b>     | <b>Z11M</b> |
|    | <b>Multifit Bent Tank Connector</b>                                                                                     |                 |             |
|                                                                                     | <b>MS4-TANK MT4-TANK MZ4-TANK</b>                                                                                       |                 |             |
|    | <b>Blanking Cap</b> for Multifit fittings                                                                               |                 |             |
|                                                                                     | <b>S23M</b>                                                                                                             | <b>T23M</b>     | <b>Z23M</b> |
|  | <b>Blanking Cap</b> for waste pipe with universal compression connection                                                |                 |             |
|                                                                                     | <b>S23U</b>                                                                                                             | <b>T23U</b>     | <b>Z23U</b> |
|  | <b>2" Caulking Ferrule</b>                                                                                              |                 |             |
|                                                                                     | <b>S21A</b>                                                                                                             | <b>T21A</b>     | <b>Z21A</b> |
|  | <b>In-Line Connector with Filter - Top Access</b> universal compression connection x ABS plain spigot BS EN 1329-1:2000 |                 |             |
|                                                                                     | -                                                                                                                       | <b>T28M-FIL</b> | -           |
|  | <b>Loose Nut</b>                                                                                                        |                 |             |
|                                                                                     | <b>S8M</b>                                                                                                              | <b>T8M</b>      | <b>Z8M</b>  |
|  | <b>Straight Connector</b> pushfit to solvent weld                                                                       |                 |             |
|                                                                                     | <b>S18-ABS</b>                                                                                                          | <b>T18-ABS</b>  |             |

# Flexible Waste Fittings and Non-Return Valves

**Flexible Connector** offers maximum flexibility when conventional fittings cannot be used

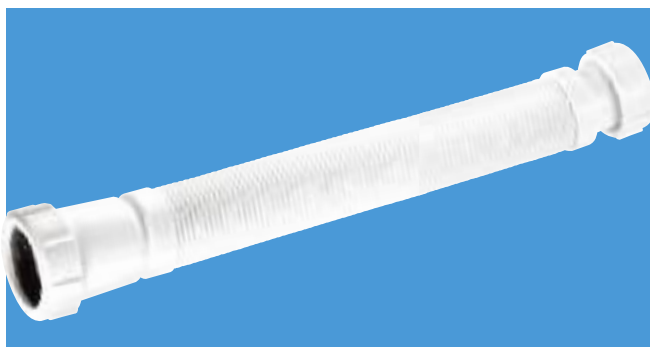
- Maximum effective length 18"
- PVC Plain spigot to suit Multifit and universal compression outlet traps or waste fittings. Also suitable for solvent welding to pipe BS EN 1329-1:2000
- Universal compression outlet connection



| 1 1/4"<br>Code  | 1 1/2"<br>Code  | 2"<br>Code |
|-----------------|-----------------|------------|
| <b>FLEXCON1</b> | <b>FLEXCON2</b> | -          |

**Flexible Connector** offers maximum flexibility when conventional fittings cannot be used

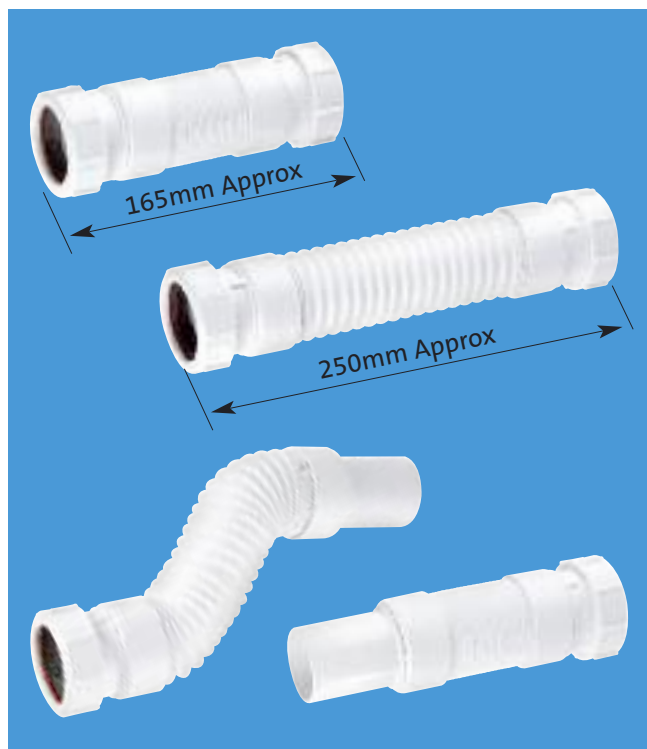
- Maximum effective length 18"
- Universal compression connection x 1 1/2" BSP coupling nut



|   |                    |   |
|---|--------------------|---|
| - | <b>FLEXCON2-LN</b> | - |
|---|--------------------|---|

## Flexible Fittings

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



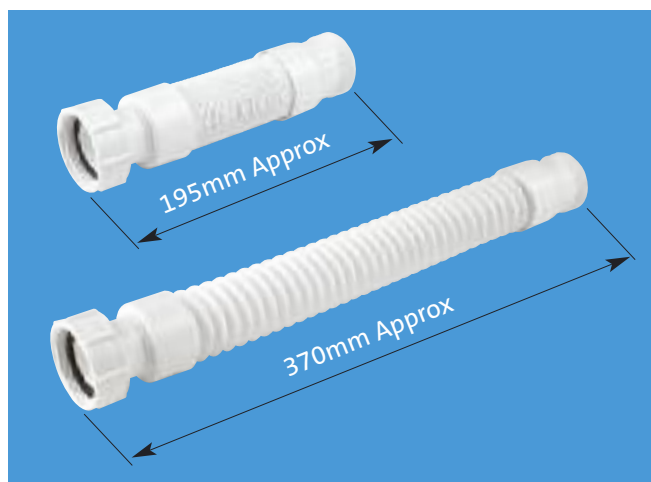
| 1 1/4" Code | 1 1/2" Code | 2" Code |
|-------------|-------------|---------|
|-------------|-------------|---------|

**Universal Compression Connection x Universal Compression Connection**

| <b>FLEXCON3</b> | <b>FLEXCON4</b> | <b>FLEXCON7</b> |
|-----------------|-----------------|-----------------|
|-----------------|-----------------|-----------------|

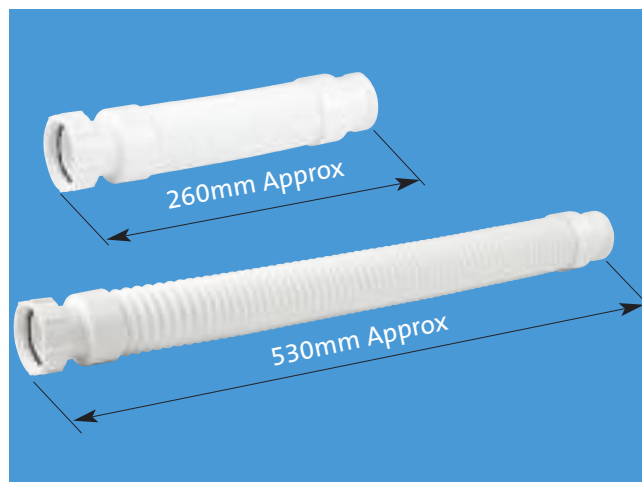
**Universal Compression Connection x PVC Plain Spigot** suitable for solvent welding to pipe BS EN 1329-1:2000

| <b>FLEXCON5</b> | <b>FLEXCON6</b> | <b>FLEXCON8</b> |
|-----------------|-----------------|-----------------|
|-----------------|-----------------|-----------------|



1 $\frac{1}{4}$ " BSP coupling nut x 1 $\frac{1}{4}$ " BSP male thread

Code **FLEX-JKS**



1 $\frac{1}{2}$ " BSP coupling nut x 1 $\frac{1}{2}$ " BSP male thread

Code **FLEXCON9**

## Short Miniflex Flexible Connectors

**Miniflex Connectors** offer maximum flexibility when conventional fittings cannot be used

- The fitting can be used up to 90°
- The fitting is flexible as well as extendable
- Used to solve problems where flexibility is required
- Manufactured in polypropylene
- Patent pending
- Available with alternative end fittings, spigots and plain end
- **Extendable from 125mm to 175mm**



1 $\frac{1}{4}$ " x 1 $\frac{1}{4}$ " universal compression connection

Code **MINIFLEX-1**

1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " universal compression connection

Code **MINIFLEX-2**

1 $\frac{1}{4}$ " universal compression connection x 1 $\frac{1}{4}$ " plain spigot

Code **MINIFLEX-4**

1 $\frac{1}{2}$ " universal compression connection x 1 $\frac{1}{2}$ " plain spigot

Code **MINIFLEX-5**

## Non-Return Valves



| 1 $\frac{1}{4}$ "<br>Code | 1 $\frac{1}{2}$ "<br>Code | 2"<br>Code |
|---------------------------|---------------------------|------------|
|---------------------------|---------------------------|------------|

**In-Line Non-Return Valve** with universal compression connections and top access for cleaning

**S28M-NRV T28M-NRV -**



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

**- - Z28M-NRV**



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

**- - Z28M-NRVS**

- 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

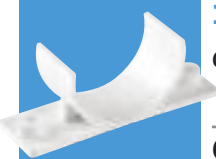
## Sundry Fittings

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

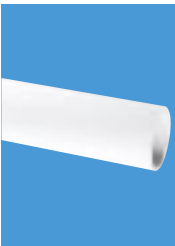
## BSP Female x BSP Male Couplings

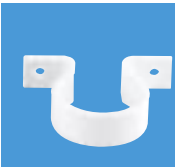
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|-------------------------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------|
|  | 1¼"                                                              | 1½"                         |
|                                                                                     | Code                                                             | Code                        |
|                                                                                     | <b>BSP Coupling</b>                                              |                             |
|                                                                                     | 1" length                                                        | <b>S12A-1</b> <b>T12A-1</b> |
|                                                                                     | 2" length                                                        | <b>S12A-2</b> <b>T12A-2</b> |
|  | 3" length                                                        | <b>S12A-3</b> <b>T12A-3</b> |
|                                                                                     | <b>BSP Coupling</b> flush spigot<br>European to UK waste adaptor |                             |
|                                                                                     | <b>S12A-F</b>                                                    | <b>T12A-F</b>               |

## BSP Female x BSP Male Couplings

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



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

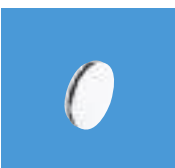
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|-----------------------------------------------------------------------------------|------------------|------------|------------|
|  | <b>Pipe Clip</b> |            |            |
|                                                                                   | <b>S30</b>       | <b>T30</b> | <b>Z30</b> |
|                                                                                   |                  |            |            |

|                                                                                   |                 |            |            |
|-----------------------------------------------------------------------------------|-----------------|------------|------------|
|  | <b>90° Bend</b> |            |            |
|                                                                                   | <b>S4L</b>      | <b>T4L</b> | <b>Z4L</b> |
|                                                                                   |                 |            |            |

|                                                                                   |                           |             |             |
|-----------------------------------------------------------------------------------|---------------------------|-------------|-------------|
|  | <b>Straight Connector</b> |             |             |
|                                                                                   | <b>S18L</b>               | <b>T18L</b> | <b>Z18L</b> |
|                                                                                   |                           |             |             |

|                                                                                     |                                              |             |             |
|-------------------------------------------------------------------------------------|----------------------------------------------|-------------|-------------|
|  | <b>Straight Connector</b> Multifit x Surefit |             |             |
|                                                                                     | <b>S28L</b>                                  | <b>T28L</b> | <b>Z28L</b> |
|                                                                                     |                                              |             |             |

|                                                                                                      |                                           |             |   |
|------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------|---|
|  | <b>Reducing Connector</b> 1 1/2" x 1 1/4" |             |   |
|                                                                                                      | -                                         | <b>T12L</b> | - |
|                                                                                                      |                                           |             |   |

|                                                                                     |                              |             |             |
|-------------------------------------------------------------------------------------|------------------------------|-------------|-------------|
|  | <b>Blank Cap</b> without nut |             |             |
|                                                                                     | <b>S23L</b>                  | <b>T23L</b> | <b>Z23L</b> |
|                                                                                     |                              |             |             |

|                                                                                     |                             |               |             |
|-------------------------------------------------------------------------------------|-----------------------------|---------------|-------------|
|  | <b>Reducer for Fittings</b> |               |             |
|                                                                                     | 2"-1 1/4"                   | 1 1/2"-1 1/4" | 2"-1 1/2"   |
|                                                                                     | <b>S26L</b>                 | <b>T12S</b>   | <b>T26L</b> |

|                                                                                   |                  |            |
|-----------------------------------------------------------------------------------|------------------|------------|
|  | 1 1/4"           | 1 1/2"     |
|                                                                                   | Code             | Code       |
|                                                                                   | <b>Swept Tee</b> |            |
|                                                                                   | <b>V8L</b>       | <b>V1L</b> |

|                                                                                   |                          |             |
|-----------------------------------------------------------------------------------|--------------------------|-------------|
|  | <b>Swept Tee</b>         |             |
|                                                                                   | 1 1/2" x 1 1/2" x 1 1/4" | -           |
|                                                                                   |                          | <b>V21L</b> |

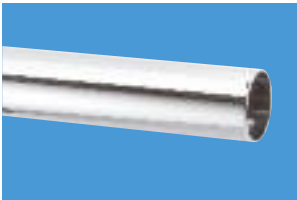
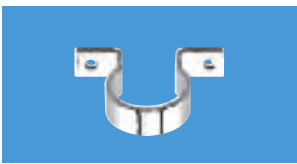
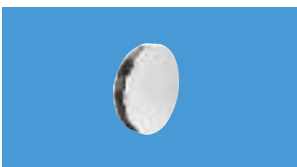
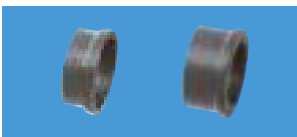
|                                                                                   |                                                |             |
|-----------------------------------------------------------------------------------|------------------------------------------------|-------------|
|  | <b>Swept Tee</b> Surefit x 19mm pushfit branch |             |
|                                                                                   | 1 1/2" x 1 1/2" x 3/4"                         | -           |
|                                                                                   | 1 1/4" x 1 1/4" x 3/4"                         | <b>V24L</b> |

|                                                                                    |                                                                     |             |             |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------|-------------|-------------|
|  | 1 1/4"                                                              | 1 1/2"      | 2"          |
|                                                                                    | Code                                                                | Code        | Code        |
|                                                                                    | <b>Straight Connector</b> to soil pipe boss BS EN 1451-1:2000 size* |             |             |
|                                                                                    | <b>S18M</b>                                                         | <b>T18M</b> | <b>Z18M</b> |

|                                                                                     |                                  |            |   |
|-------------------------------------------------------------------------------------|----------------------------------|------------|---|
|  | <b>Wall Flange</b> for HDPE pipe |            |   |
|                                                                                     | <b>S17</b>                       | <b>T17</b> | - |
|                                                                                     |                                  |            |   |

- \*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<sup>c</sup>Alpine HDPE waste pipe

# 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<br>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 1 1/4" ABS solvent weld

Code **ABS32/35A-CB**

**90° Bend** 42/43mm compression CP brass x 1 1/2" ABS solvent weld

Code **ABS42/43A-CB**



**Straight Connector** 32/35mm compression CP brass x 1 1/4" ABS solvent weld

Code **ABS32/35G-CB**

**Straight Connector** 42/43mm compression CP brass x 1 1/2" ABS solvent weld

Code **ABS42/43G-CB**



**Elongated 90° Bend** 32/35mm compression CP brass x 1 1/4" ABS solvent weld

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



**90° Bend** 32mm European pipe size ring seal pushfit x 1 1/4" Multifit

Code **MS4-32MM**



**90° Bend** 32mm European pipe size ring seal pushfit x 1 1/4" ABS solvent weld

Code **MS4-32SOLVENT**

- 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

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



## 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) | <b>DC1-BL</b> |
| Code (Grey)  | <b>DC1-GR</b> |

With 14mm offset

|              |                 |
|--------------|-----------------|
| Code (Black) | <b>DC1BL-OS</b> |
| Code (Grey)  | <b>DC1GR-OS</b> |

### 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) | <b>DC1-BL-BO</b> |
| Code (Grey)  | <b>DC1-GR-BO</b> |

### 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) | <b>DC90-BL</b> |
| Code (Grey)  | <b>DC90-GR</b> |



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

|             |               |
|-------------|---------------|
|             | Code          |
| 1¼" and 1½" | <b>DC2-BL</b> |
| 2"          | <b>DC3-BL</b> |



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

|             |                 |
|-------------|-----------------|
| 1¼" and 1½" | <b>DC2BL-OS</b> |
| 2"          | <b>DC3BL-OS</b> |



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

|      |               |
|------|---------------|
| Code | <b>DC4-BL</b> |
|------|---------------|

### Temporary Blanking Off Caps



**Synthetic Rubber Cap** for sealing 110mm pipe

|      |               |
|------|---------------|
| Code | <b>CAP100</b> |
|------|---------------|



|             |             |            |
|-------------|-------------|------------|
| 1¼"<br>Code | 1½"<br>Code | 2"<br>Code |
|-------------|-------------|------------|

**Synthetic Rubber Cap** for waste pipe

|              |              |              |
|--------------|--------------|--------------|
| <b>S23MR</b> | <b>T23MR</b> | <b>Z23MR</b> |
|--------------|--------------|--------------|

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



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

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

### Mechanical Soil and Rainwater Pipe Boss Connectors



|                                                                       |
|-----------------------------------------------------------------------|
| <b>Mechanical Soil and Rainwater Pipe Boss Connector</b> for 1¼" pipe |
| Code <b>BOSSCONN1.25BL</b>                                            |
| Code <b>BOSSCONN1.25GR</b>                                            |



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



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

### Threaded Boss Connectors



|                                                         |
|---------------------------------------------------------|
| <b>Straight Connector</b> 2" BSP male thread x Multifit |
| 2" BSP x 1¼" Multifit <b>ZS31M</b>                      |
| 2" BSP x 1½" Multifit <b>ZT31M</b>                      |
| 2" BSP x 2" Multifit <b>Z31M</b>                        |

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

