# SECTION THREE 03



BOSS110CAST-BL



ST90-OUT



MINIFLEX-1



ABS32/35A-CB

S28M-NRV



For further **technical information** on any of our products please **visit our website** **www.mcalpineplumbing.com**

## Plastic & Chrome Fittings

When you need a plastic or chrome waste fitting that is **guaranteed to be of the highest quality** you need to pick products from a company whose reputation has been based on **Quality**, **Innovation** and **Simplicity**.

We don't compromise on quality and we are proud that we have been **providing solutions for the trade for well over a century**. In this section you'll find Multifit Fittings, Flexible Waste Fittings, Chrome Plated Brass Waste Pipes, Drain and Boss connectors, as well as our MacFlash Aluminium Roof Flashing.




| Product | Description | 1¼" Code | 1½" Code | 2" Code |
|---|---|---|---|---|
|  | Straight Connector | S28M | T28M | Z28M |
|  | Adjustable Straight Connector | MS18E | MT18E | MZ18E |
|  | Reducing Connector<br>1½" x 1¼" | - | ST28M | - |
|  | Straight Connector<br>Multifit x Plain End | MS18L | MT18L | - |
|  | Straight Connector<br>Pushfit x Solvent Weld | S18-ABS | T18-ABS | - |

# Multifit Fittings



| Product | Description | 1¼" Code | 1½" Code | 2" Code |
|---|---|---|---|---|
|  | 90° Bend | MS4 | MT4 | MZ4 |
|  | 135° Bend | MS20 | MT20 | MZ20 |
|  | 90° Bend<br>Multifit x Plain End | MS4L | MT4L | MZ4L |
|  | 135° Bend<br>Multifit x Plain End | MS20L | MT20L | MZ20L |
|  | Swept Tee | V8M | V1M | V15M |
|  | Slip Tee | - | V1MX | - |
|  | Reducer For Fittings<br>1½" x 1¼" | - | T12M | - |
| | 2" X 1¼" | - | - | ZS26L |
| | 2" X 1½" | - | - | ZT26L |
|  | Reducer For Fittings<br>2" X 19/23mm | - | - | TUN-2 |

# Multifit Fittings

| Product | Description | 1¼" Code | 1½" Code | 2" Code |
|---|---|---|---|---|
|  | **Straight Connector**<br>Multifit x BSP coupling nut | S29-LN | T29-LN | - |
|  | **Straight Connector**<br>Multifit x BSP Female Thread | S29 | T29 | Z29 |
|  | **Straight Connector**<br>Multifit x BSP male thread | S31M | T31M | - |
|  | **90° Bend**<br>Multifit x BSP coupling nut | S5M | T5M | Z5M |
|  | **90° Bend**<br>BSP male thread x BSP coupling nut | S1 | T1 | Z1 |
|  | **95° Bend**<br>Multifit x BSP coupling nut | S5M-A | T5M-A | - |
|  | **135° Bend** | - | ST90-OUT | - |
|  | **Multifit Tank Connector** | S11M | T11M | Z11M |
|  | **Multifit Bent Tank Connector** | MS4-TANK | MT4-TANK | MZ4-TANK |

# Multifit Fittings

| Product | Description | 1¼" Code | 1½" Code | 2" Code |
|---|---|---|---|---|
|  | **BSP Coupling**<br>BSP coupling nut x solvent weld connection | S25 | T25 | - |
|  | **Reducer in ABS**<br>Solvent Weld plain tail x 19/23mm | R16 | R17 | - |
|  | **Rubber Reducer**<br>1¼" x 1"/28mm | T12R | - | - |
|  | **Blanking Cap**<br>For waste pipe with compression connection | S23U | T23U | Z23U |
|  | **Blanking Cap**<br>For Multifit fittings | S23M | T23M | Z23M |
|  | **Synthetic Rubber Cap**<br>For waste pipe | S23MR | T23MR | Z23MR |
|  | **Blank Cap**<br>With nut for BSP threads | S23 | T23 | Z23 |
|  | **2" Caulking Ferrule** | S21A | T21A | Z21A |

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# Horizontal Non-Return Valves

| Product | Description | 1¼" Code | 1½" Code | 2" Code |
|---|---|---|---|---|
|  | **In-Line Non-Return Valve**<br>Compression connections comes with top access for cleaning | **S28M-NRV** | **T28M-NRV** | **Z28M-NRV** |
|  | **In-Line Non-Return Valve**<br>Solvent Weld connections comes with top access for cleaning | - | - | **Z28M-NRVS** |
|  | **In-Line Connector with Filter-Top Access**<br>Compression connection x ABS plain spigot | - | **T28M-FIL** | - |

# Flexible Connections

Fixed Length Flexible Connectors

| Product | Code | 1¼" | 1½" | Solvent Weld Spigot | Length Overall/ Effective | Type |
|---|---|---|---|---|---|---|
|  | **FLEXCON1** | ✓ | | ✓ | 495mm / 391mm | Compression x Solvent Weld Spigot |
|  | **FLEXCON2** | | ✓ | ✓ | | |
|  | **FLEXCON2-LN** | | ✓ | | | Compression x BSP Loose Nut |

## **McAlpine Flexible connections** offer **maximum flexibility** where its required



- Use to solve problems where **flexibility** is needed.
- Manufactured in **high quality Polypropylene**.
- Available in **Compression, BSP & Plain spigot**.
- Plain spigot suitable for Solvent Welding to pipe **BS EN 1329-1: 2020.**

# Flexible Fittings

Expandable Length Flexible Fittings

| Product | Code | 1¼" | 1½" | 2" | Length Open/Closed | Type |
|---|---|---|---|---|---|---|
|  | **FLEXCON3** | ✓ | | | 165mm / 250mm | Compression x Compression |
| | **FLEXCON4** | | ✓ | | | |
| | **FLEXCON7** | | | ✓ | | |
|  | **FLEXCON5** | ✓ | | | 165mm / 250mm | Compression x Solvent Weld Spigot |
| | **FLEXCON6** | | ✓ | | | |
| | **FLEXCON8** | | | ✓ | | |
|  | **FLEX-JKS** | ✓ | | | 195mm / 370mm | BSP Male Thread x BSP Loose Nut |
|  | **FLEXCON9** | | ✓ | | 260mm / 530mm | BSP Male Thread x BSP Loose Nut |
|  | **FLEXCON-ISO** | | ✓ | | 147mm / 417mm | 1½"x 40mm ABS Solvent Weld Adaptor |

# Short Miniflex Flexible Connectors

| Product | Code | 1¼" | 1½" | Solvent Weld Spigot | Length Open/Closed | Type |
|---|---|---|---|---|---|---|
|  | **MINIFLEX-1** | ✓ | | | 65mm / 125mm | Compression x Compression |
|  | **MINIFLEX-2** | | ✓ | | 65mm / 125mm | Compression x Compression |
|  | **MINIFLEX-4** | ✓ | | ✓ | 65mm / 125mm | Compression x Plain Spigot |
|  | **MINIFLEX-5** | | ✓ | ✓ | 65mm / 125mm | Compression x Plain Spigot |

## The **Miniflex**

The Miniflex is ideal for repair work!
Watch how Fred makes the Miniflex go from **0-90 in seconds**.

Catch Fred on our **YouTube Channel**



## Trap Extension Pieces

| Product | 1¼" Code | 1½" Code | Length | BSP Coupling |
|---|---|---|---|---|
|  | S12A-1 | T12A-1 | 1" | ✓ |
| | S12A-2 | T12A-2 | 2" | ✓ |
| | S12A-3 | T12A-3 | 3" | ✓ |

## BSP Female x BSP Male Couplings

| Product | Type | Size | 1¼" Code | 1½" Code |
|---|---|---|---|---|
|  | Euro to UK Waste Adaptor | | S12A-F | T12A-F |
|  | Trap Inlet Reducer | 1¼" x 1" | S16 | - |
| | | 1½" x 1¼" | - | T16 |
|  | BSP Coupling | 1¼" x 1" | S12C | - |
| | | 1" x ¾" | S12D* | - |
|  | BSP Coupling<br>Waste Outlet Reducer | 1½" x 1¼" | - | T12 |
|  | BSP Coupling | 1¾" x 1½" | - | T12B |
| | | 2" x 1½" | - | T12C |
| | | 2"x1¼" | - | T12D |
| | | 1½"x 1" | - | T12H |
|  | BSP Coupling | 1½"x 2" | - | T12E |
|  | Pipe Clip<br>For floor mounted discharge pipe installations | 1½" | - | T30-CLAMP |
|  | Stackable Gradient Spacer<br>For use with T30-CLAMP allowing for a fall of varying degrees | | - | T30-SPACER |

*S12D has no inlet washer

# European Adaptors

European sizes shown in brackets

| Product | Type | Connection | 1¼" Code | 1½" Code | 2" Code |
|---|---|---|---|---|---|
|  | Straight Connector | Multifit x European | **S28L-ISO** (32mm)<br>**ST28L-ISO** (40mm) | **T28L-ISO** (40mm)<br>- | **Z28L-ISO** (50mm)<br>- |
|  | 90° Bend | Multifit x European | **MS4-ISO** (32mm) | **MT4-ISO** (40mm) | **MZ4-ISO** (50mm) |
|  | 90° Bend | Multifit x 32mm European ring seal pushfit | **MS4-32MM** | - | - |
|  | 90° Bend | ABS solvent weld x 32mm European ring seal pushfit | **MS4-32SOLVENT** | - | - |

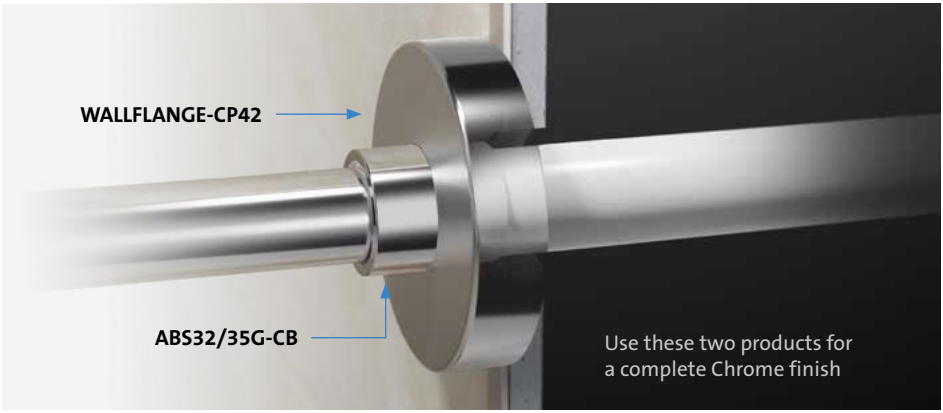
# Chrome Plated Brass Waste Pipe & Fittings

| Product | Description | 1¼" Code | 1½" Code |
|---|---|---|---|
|  | 1m length of Brass Pipe | **PIPE35-1000-CB** | **PIPE42-1000-CB** |
|  | Pipe Clip | **S35-CP** | **T42-CP** |
|  | Compression Straight Connector | **35G-CB** | **42G-CB** |
|  | 90° Compression Bend | **35A-CB** | **42A-CB** |

# Chrome Plated Brass Waste Pipe & Fittings



| Product | Description | 1¼" Code | 1½" Code |
|---|---|---|---|
|  | 135° Compression Bend | **35B-CB** | **42B-CB** |
|  | Compression Tee | | **42E-CB** |
|  | Blanking Cap | | **40K-CB** |
|  | Wall Flange | **WALLFLANGE-CP35** | **WALLFLANGE-CP42** |
|  | Synthetic Rubber Seal Reducers | **R/SEAL-35X32** | **R/SEAL-42X35**<br>**R/SEAL-42X32** |
|  | ABS Solvent Weld Adaptor to convert above fittings to solvent weld waste pipe | **ABSCON-35X1.25** (UK fittings)<br>**ABSCON-32X1.25** (Euro fittings) | **ABSCON-42X1.5** (UK fittings)<br>**ABSCON40x1.5** (Euro fittings) |



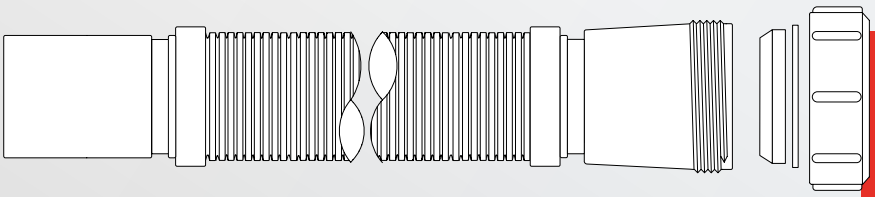
# Chrome to Solvent Adaptors

| Product | Code | Type | Inlet | Outlet | Finish |
|---|---|---|---|---|---|
|  | **ABS32/35A-CB** | 90 deg bend | 32/35mm compression | 1¼" ABS Solvent Weld | Chrome |
| | **ABS42/43A-CB** | | 42/43mm compression | 1½" ABS Solvent Weld | Chrome |
|  | **ABS32/35A-CB-L** | 90 deg bend (elongated) | 32/35mm compression | 1¼" ABS Solvent Weld | Chrome |
|  | **ABS32/35G-CB** | Straight | 32/35mm compression | 1¼" ABS Solvent Weld | Chrome |
| | **ABS42/43G-CB** | | 42/43mm compression | 1½" ABS Solvent Weld | Chrome |
|  | **ABS32/35G-BB** | Straight | 32/35 mm compression | 1¼" ABS Solvent Weld | Brushed Brass |
|  | **ABS32/35G-MB** | Straight | 32/35 mm compression | 1¼" ABS Solvent Weld | Matt Black Brass |


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For further technical information on our Plastic & Chrome Fittings please visit our website.

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# Drain Connectors



Finned seal spigot for internal connection to cast iron, plastic or clay **4"/ 110mm pipe**

| Product | Code | Size | Colour | Type | Socket/Sealing Ring |
|---|---|---|---|---|---|
|  | **DC1-BL** | 4"/110mm | ● | Straight | 4"/110mm 'O' Seal |
|  | **DC1-GR** | 4"/110mm | ● | Straight | 4"/110mm 'O' Seal |
|  | **DC1BL-OS** | 4"/110mm | ● | 14mm Offset | 4"/110mm 'O' Seal |
|  | **DC1GR-OS** | 4"/110mm | ● | 14mm Offset | 4"/110mm 'O' Seal |
|  | **DC1-BL-BO[1]** | 4"/110mm | ● | Straight 1½" Boss | 4"/110mm 'O' Seal |
|  | **DC1-GR-BO[1]** | 4"/110mm | ● | Straight 1½" Boss | 4"/110mm 'O' Seal |
|  | **DC90-BL** | 4"/110mm | ● | 90° bend | 4"/110mm 'O' Seal |
|  | **DC90-GR** | 4"/110mm | ● | 90° bend | 4"/110mm 'O' Seal |

1. Should only be fitted on the ground floor due to a reduction in the internal outlet diameter of the boss pipe connector

# Drain Connectors

| Product | Code | Size | Colour | Type | Socket/Sealing Ring |
|---|---|---|---|---|---|
|  | **DC2-BL** | 4”/110mm | ● | - | 1¼” or 1½” Reducer |
|  | **DC3-BL** | 4”/110mm | ● | - | 2” Reducer |
|  | **DC2BL-OS** | 4”/110mm | ● | - | 1¼” or 1½” Offset Reducer |
|  | **DC3BL-OS** | 4”/110mm | ● | - | 2” Offset Reducer |
|  | **DC4-BL** | 4”/110mm | ● | - | 4”/110mm Blank |
|  | **CAP100** | 4”/110mm | ● | - | 4”/110mm Blank |

## Boss Connectors

Simple dry fixing mechanical connector **saves time and hassle** over traditional strap on boss connectors.



# Condensate Boss Connectors

All condensate boss connectors come with a fixing tool. Suits 22mm hole saw size, for condensate discharge only.

| Product | Code | Colour | Soil Pipe Size | Waste Pipe Size |
|---|---|---|---|---|
|  | **BOSS110CAST-BL** | ● | 4”/110mm | 1¼” |
| | **BOSS110TCAST-BL** | | 4”/110mm | 1½” |
| | **BOSS90CAST-BL** | | 3½”/90mm | 1¼” |
| | **BOSS90TCAST-BL** | | 3½”/90mm | 1½” |
| | **BOSS82CAST-BL** | | 3”/82mm | 1¼” |
| | **BOSS82TCAST-BL** | | 3”/82mm | 1½” |

# Mechanical Soil Pipe Boss Connectors

All mechanical soil boss connectors come with a fixing tool. Suits 57mm hole saw size, suitable for waste water and condensate discharge.

| Product | Code | Colour | Soil Pipe Size | Waste Pipe Size |
|---|---|---|---|---|
|  | **BOSSCONN110-BL** | ● | 4”/ 110mm | 1¼” |
| | **BOSSCONN110T-BL** | | 4”/ 110mm | 1½” |
| | **BOSSCONN110Z-BL** | | 4”/ 110mm | 2” |
| | **BOSSCONN82-BL** | | 3”/ 82mm | 1¼” |
| | **BOSSCONN82T-BL** | | 3”/ 82mm | 1½” |
| | **BOSSCONN82Z-BL** | | 3”/ 82mm | 2” |
|  | **BOSSCONN110-GR** | ● | 4”/ 110mm | 1¼” |
| | **BOSSCONN110T-GR** | | 4”/ 110mm | 1½” |
| | **BOSSCONN110Z-GR** | | 4”/ 110mm | 2” |
| | **BOSSCONN82-GR** | | 3”/ 82mm | 1¼” |
| | **BOSSCONN82T-GR** | | 3”/ 82mm | 1½” |
| | **BOSSCONN82Z-GR** | | 3”/ 82mm | 2” |

# Mechanical Soil & Rainwater Boss Connectors

| Product | Code | Colour | Soil Pipe Size | Pipe Size |
|---|---|---|---|---|
|  | **BOSSCONN1.25BL** | ● | Any soil/rainwater pipe | 1¼" |
|  | **BOSSCONN1.25GR** | ● | Any soil/rainwater pipe | 1¼" |

| Product | Code | Colour | Type |
|---|---|---|---|
|  | **R16-BL** | ● | Reducer in ABS 1¼" Solvent Weld plain tail x 19/23mm compression |
|  | **R16-GR** | ● | Reducer in ABS 1¼" Solvent Weld plain tail x 19/23mm compression |

| Product | Code | Colour | Soil Pipe Size | Pipe Size |
|---|---|---|---|---|
|  | **BOSSCONN-22MM** | ○ | Any soil/rainwater pipe | 19/23mm |




# **MacFlash** Product Benefits

- **Quickly and easily installed** offering cost saving in material and labour against traditional lead roof slates
- Manufactured in **high grade aluminium** with a die-formed synthetic rubber collar
- Suitable for flat roofs and roof pitches **up to 45 degrees**
- Can be **used with flue pipes** for condensing boilers
- Special corrugations that can be **easily dressed** to form a seal



| Product | Code | Normal Pipe Size | Base Measurements |
|---|---|---|---|
|  | **RS1** | 4”/110mm | 18" x 18" |
| | **RS3** | 4”/110mm | 24" x 24" |
| | **RS4** | 3”/75mm | 18" x 18" |
| | **RS7** | 2”/50mm | 18" x 18" |