JG Speedfit®

# Equal Straight Connector

**Push-fit fitting that safely and securely connects 2 pipes of equal connection size**

## Overview

The JG Speedfit Equal Straight Connector is a plastic push-fit fitting for the connection of 2 equal sized plastic or copper pipes. Simply push the fitting fully onto the pipe and twist the plastic nut clockwise to lock in place. To demount the connection, unlock the nut by hand and push the collet towards the body of the fitting and pull the pipe to release.

The fitting is up to 40% faster to install than traditional methods and is easier to use in confined spaces by removing the need for hot works and tools.

Designed, manufactured and assembled in the UK.

## Features & Benefits

- Instant push-fit connection
- Install and demount in seconds without tools
- Safe flame-free installation, with no hot works, glue or flux
- Grip & Seal collet with stainless steel teeth and main O-Ring seal
- Twist & Lock mechanism secures fitting and adds compression
- Non-toxic, resists corrosion and no scale build-up
- Suitable for use with JG Speedfit PEX and polybutylene barrier pipe (inserts required) and copper pipe
- Suitable for hot and cold water and central heating systems

| Product code | Description | Size | Bag QTY |
|---|---|---|---|
| PEM0410W | Equal Straight Connector | 10mm | 10 |
| PEM0415W | Equal Straight Connector | 15mm | 10 |
| PEM0422W | Equal Straight Connector | 22mm | 5 |
| PEM0428W | Equal Straight Connector | 28mm | 2 |

**50 YEAR GUARANTEE**

**WRAS APPROVED PRODUCT**

50 year guarantee when used with JG Speedfit Layflat PB and PEX Barrier Pipes

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# Equal Straight Connector

## Working parameters & specifications

| Application | Usual working temperature ºC | Maximum working temperature ºC | Maximum working pressure, bar |
|---|---|---|---|
| Cold Water (indirect and direct mains) | 20 | 20 | 12 |
| Central Heating | 82 | 95, short term malfunction at 114 | 3 |
| Hot Water (including unvented cylinders) | 65 | 95 | 6 |

### Materials

| | |
|---|---|
| Body | X-Linked Polyethylene, White |
| O-Ring | Ethylene Polypropylene Diene Monomer (EPDM) |
| Collet | Nylon |
| Collet Teeth | Stainless Steel 301 |
| Caps | Nylon (40% Mineral Filled), White |
| Compression Ring | Acetal Copolymer, White |

### Dimensions – All measurements in mm unless otherwise stated

| Product code | A | B | C | D |
|---|---|---|---|---|
| PEM0410W | 10mm | 22.5 | 42.6* | 20.2 |
| PEM0415W | 15mm | 30 | 60.4* | 29.5 |
| PEM0422W | 22mm | 39 | 76.8* | 36.8 |
| PEM0428W | 28mm | 50.5 | 97.9* | 42.1 |

*With Collet(s) in release position