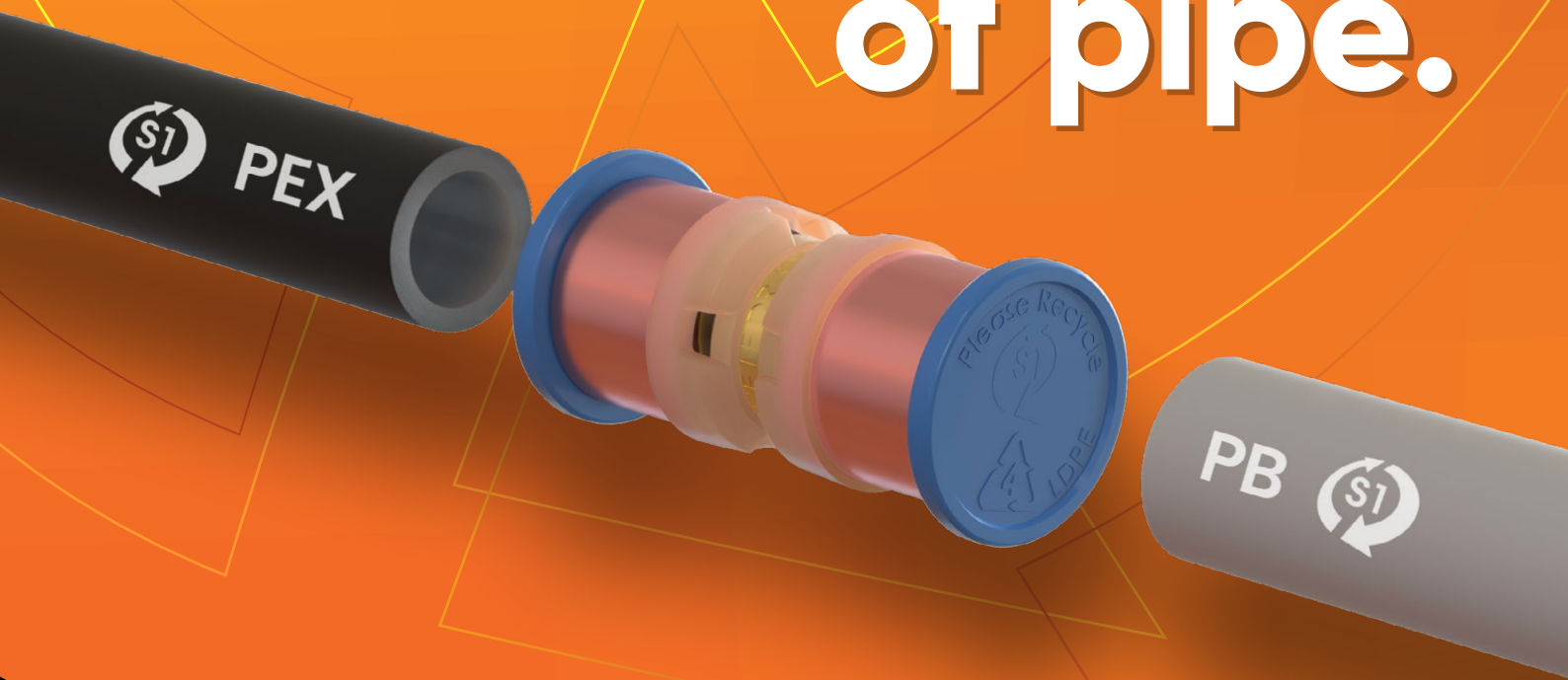


# SecuraOne<sup>®</sup>

HOT & COLD SYSTEM EVOLUTION

One fitting,  
your choice  
of pipe.



 **MARLEY**<sup>®</sup>

by aliaxis

# The SecuraOne® Hot and Cold System

SecuraOne® is the next evolution of hot and cold systems, offering standardised PB & PEX pipes with one range of fittings designed to work with both. SecuraOne® has a range of market leading features and is backed by a 25 year warranty from Marley.

SecuraOne® has been fully designed and developed in New Zealand passing all international third party testing to meet the stringent design criteria set down by the Australian and New Zealand standards authorities. Look for the standard mark as a stamp of quality assurance. Made from lead free brass, SecuraOne® fittings meet the building code regulations on drinking water safety.



## ONE SET OF TOOLS

- › One set of SecuraOne® tools are all that's needed for crimping SecuraOne® fittings for both SecuraOne® PB and SecuraOne PEX pipes.
- › Less tools required to tackle most jobs if using SecuraOne® PEX or PB and fittings.
- › Continue to use SecuraGold™ tools when crimping SecuraOne® transition fittings to existing SecuraGold™ PB pipe.
- › SecuraGold™ 12mm and 15mm tools can be used on SecuraOne® 12mm and 16mm PB or PEX.
- › New jaws are available for your existing Battery Powered Crimp Tool that will also fit other brands of battery powered tools.



## STANDARDISED PB & PEX PIPE

- › SecuraOne® PB and PEX pipes are made to the same metric SDR9 dimensions to provide a standardised yet high performance offer.
- › Makes it easier to select and purchase either pipe depending on the job requirements.
- › 12mm PB pipe and a new range of SecuraOne® 12mm fittings are available as this is an important size when considering water conservation.



## EXTENDED RANGE NOW AVAILABLE IN 32MM

- › SecuraOne® offers a range of sizes in both PEX and PB with 16mm, 20mm, 25mm and 32mm. The SecuraGold™ 12mm PB pipe and fittings will be maintained in the range.
- › The new 32mm PEX and PB pipe with fittings is perfect for light commercial applications.



## QUALITY & PERFORMANCE WITH PN20 PRESSURE RATING

- › SecuraOne® PB pipes are made from the same high-performance materials as the SecuraGold™ range but to the new metric SDR9 dimensions. The new dimensions provide a thicker wall section giving a PN20 pressure rating and better overall long-term performance.
- › SecuraOne® PEX pipes are made from high grade PE100 compounds meaning it has a higher minimum required strength than PE80 based PEX pipes, the use of PE100 compounds allows SecuraOne® PEX pipes to have a PN20 pressure rating and better overall long-term performance.
- › Only the SecuraOne® 12mm PB maintains the PN16 rating.



## INDEPENDENT CERTIFICATION

- › Independently tested and 3rd party accredited to comply to New Zealand and Australian standards for the complete SecuraOne® system, ensures you are using a quality product.
- › We proudly display certification marks on all fittings and pipes, ensuring you receive products that meet certification standards. Without these marks, certification cannot be assured.



## LEAD-FREE BRASS FITTINGS

- › Made from lead free brass so SecuraOne® fittings meet the new building code regulations for drinking water safety.
- › SecuraOne® brass fittings are dezincification resistant with annealed copper crimp rings for reliable crimping.



## ENHANCED FITTING DESIGN

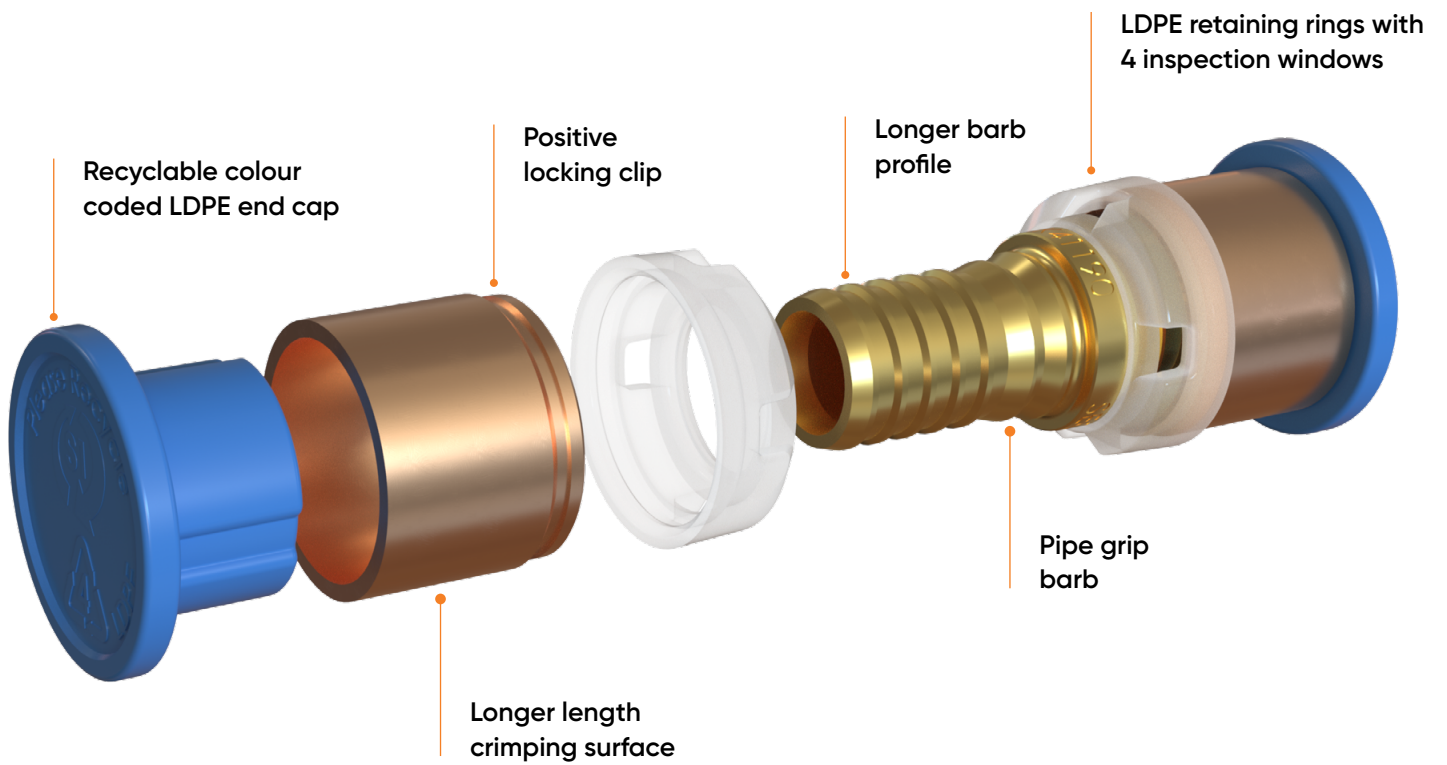
- › With enhanced fitting design and a comprehensive range including transition fittings to connect the new SecuraOne® pipe to the old SecuraGold™ PB.
- › SecuraOne® fittings have longer barbs for better pipe to fitting alignment and with more barbs for better sealing and grip performance, including an additional pipe grip barb to hold the pipe in place while crimping.
- › The crimp ring positive lock is achieved by the retainer rings which also have four pipe inspection windows to ensure pipes are fully inserted before crimping.



## 25 YEAR WARRANTY

- › SecuraOne® comes with a full 25-year warranty covering pipes and fittings if there is a product failure not resulting from incorrect installation.
- › Backed by Marley, the brand you know and trust that has been in the industry for 65 years.
- › A rigorous NCR process is followed to assess any failures for product fault and results are reported back.
- › Marley has a team of knowledgeable Sales and Customer Service people to support customers across the Building Industry.

# Design



## Colour coded

Recyclable end caps to quickly identify fitting size.



# Product List

## Fittings



### Couplings

S1C12	Coupling 12mm
S1C16	Coupling 16mm
S1C20	Coupling 20mm
S1C25	Coupling 25mm
S1C32	Coupling 32mm
S1C1612	Reducing Coupling 16mm x 12mm
S1C2016	Reducing Coupling 20mm x 16mm
S1C2520	Reducing Coupling 25mm x 20mm
S1C3220	Reducing Coupling 32mm x 20mm
S1C3225	Reducing Coupling 32mm x 25mm



### Elbows

S1E12	Elbow 12mm
S1E16	Elbow 16mm
S1E20	Elbow 20mm
S1E25	Elbow 25mm
S1E32	Elbow 32mm
S1E2016	Reducing Elbow 20mm x 16mm
S1E1645	Elbow 16mm x 45 deg
S1E2045	Elbow 20mm x 45 deg
S1E2545	Elbow 25mm x 45 deg
S1E3245	Elbow 32mm x 45 deg



### Tees

S1T12	Tee 12mm
S1T16	Tee 16mm
S1T20	Tee 20mm
S1T25	Tee 25mm
S1T32	Tee 32mm



### Reducing Tees

S1T121216	Reducing Tee 12mm x 12mm x 16mm
S1T161612	Reducing Tee 16mm x 16mm x 12mm
S1T161620	Reducing Tee 16mm x 16mm x 20mm
S1T201616	Reducing Tee 20mm x 16mm x 16mm
S1T201620	Reducing Tee 20mm x 16mm x 20mm
S1T202012	Reducing Tee 20mm x 20mm x 12mm
S1T202016	Reducing Tee 20mm x 20mm x 16mm
S1T252516	Reducing Tee 25mm x 25mm x 16mm
S1T252520	Reducing Tee 25mm x 25mm x 20mm
S1T323220	Reducing Tee 32mm x 32mm x 20mm
S1T323225	Reducing Tee 32mm x 32mm x 25mm



### Male Adaptors

S1MA1215	Male Adaptor 12mm x 1/2" BSP
S1MA1615	Male Adaptor 16mm x 1/2" BSP
S1MA1620	Male Adaptor 16mm x 3/4" BSP
S1MA2020	Male Adaptor 20mm x 3/4" BSP
S1MA2525	Male Adaptor 25mm x 1" BSP
S1MA3225	Male Adaptor 32mm x 1" BSP
S1MA3232	Male Adaptor 32mm x 1 1/4" BSP



### Lugged Male Adaptor

S1LMA1615	Lugged Male Adaptor 16mm x 1/2" BSP
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### Male Elbows

S1ME1615	Male Elbow 16mm x 1/2" BSP
S1ME2020	Male Elbow 20mm x 3/4" BSP



### Female Adaptors

S1FA1615	Female Adaptor 16mm x 1/2" BSP
S1FA2020	Female Adaptor 20mm x 3/4" BSP



### Brazing Tails

S1BT16	Brazing Tail 16mm x 1/2" Cu
S1BT20	Brazing Tail 20mm x 3/4" Cu



### Swivel Connectors

S1SC1215	Swivel Connector 12mm x 1/2" BSP
S1SC1615	Swivel Connector 16mm x 1/2" BSP
S1SC1620	Swivel Connector 16mm x 3/4" BSP
S1SC2015	Swivel Connector 20mm x 1/2" BSP
S1SC2020	Swivel Connector 20mm x 3/4" BSP
S1SC2520	Swivel Connector 25mm x 3/4" BSP
S1SC2525	Swivel Connector 25mm x 1" BSP
S1SC3232	Swivel Connector 32mm x 1 1/4" BSP



### Swivel Elbows

S1SE1215	Swivel Elbow 12mm x 1/2" BSP
S1SE1615	Swivel Elbow 16mm x 1/2" BSP
S1SE1620	Swivel Elbow 16mm x 3/4" BSP
S1SE2015	Swivel Elbow 20mm x 1/2" BSP
S1SE2020	Swivel Elbow 20mm x 3/4" BSP
S1SE2525	Swivel Elbow 25mm x 1" BSP



### Female Wingbacks

S1W1215	Female Wingback 12mm x 1/2" BSP
S1W1615	Female Wingback 16mm x 1/2" BSP
S1W1620	Female Wingback 16mm x 3/4" BSP
S1W2015	Female Wingback 20mm x 1/2" BSP
S1W2020	Female Wingback 20mm x 3/4" BSP
S1W2525	Female Wingback 25mm x 1" BSP
S1DW1615	Double Fix Female Wingback 16mm x 1/2" BSP
S1DW2020	Double Fix Female Wingback 20mm x 3/4" BSP



### Male Wingbacks

S1MW1215-100	Male Wingback 12mm x 1/2" BSP - 100mm
S1MW1615-65	Male Wingback 16mm x 1/2" BSP - 65mm
S1MW1615-100	Male Wingback 16mm x 1/2" BSP - 100mm
S1MW2020-100	Male Wingback 20mm x 3/4" BSP - 100mm
S1DMW1615-100	Double Fix Male Wingback 16mm x 1/2" BSP - 100mm
S1DMW1615-200	Double Fix Male Wingback 16mm x 1/2" BSP - 200mm
S1DMW2020-100	Double Fix Male Wingback 20mm x 3/4" BSP - 100mm
S1DMW2020-200	Double Fix Male Wingback 20mm x 3/4" BSP - 200mm



### Hose Plates

S1HP1615	Hose Plate 16mm x 1/2" BSP
S1HP2020	Hose Plate 20mm x 3/4" BSP



### Lugged Tee

S1LT16	Lugged Tee 16mm x 16mm x 1/2" BSP
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### Crox Tee Adaptor

S1XTA16	Crox Tee Adaptor 15mm Copper x 16mm
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### End Plugs

S1EP12	End Plug 12mm
S1EP16	End Plug 16mm
S1EP20	End Plug 20mm
S1EP25	End Plug 25mm
S1EP32	End Plug 32mm



### Transition Fittings

Fittings designed to join SecuraOne® to existing PB systems	
S1C1615PB	Transition Coupling 16mm x 15mm PB
S1C2020PB	Transition Coupling 20mm x 20mm PB
S1C2528PB	Transition Coupling 25mm x 28mm PB
S1TT15PB16	Transition Tee 15mm PB x 16mm
S1TT20PB20	Transition Tee 20mm PB x 20mm



## Pipes



### PB Pipes

S1PB125S	PB 12mm - 5m Straight
S1PB1225C	PB 12mm - 25m Coil (lay straight)
S1PB1250C	PB 12mm - 50m Coil
S1PB12100C	PB 12mm - 100m Coil
S1PB165S	PB 16mm - 5m Straight
S1PB1625C	PB 16mm - 25m Coil (lay straight)
S1PB1650C	PB 16mm - 50m Coil
S1PB205S	PB 20mm - 5m Straight
S1PB2025C	PB 20mm - 25m Coil (lay straight)
S1PB2050C	PB 20mm - 50m Coil
S1PB255S	PB 25mm - 5m Straight
S1PB2550C	PB 25mm - 50m Coil
S1PB325S	PB 32mm - 5m Straight



### PEX Pipes – Black

S1PEX165S	PEX 16mm - 5m Straight
S1PEX1650C	PEX 16mm - 50m Coil
S1PEX205S	PEX 20mm - 5m Straight
S1PEX2050C	PEX 20mm - 50m Coil
S1PEX255S	PEX 25mm - 5m Straight
S1PEX2550C	PEX 25mm - 50m Coil
S1PEX325S	PEX 32mm - 5m Straight



### PEX Pipes – Red

(for hot water lines)

S1PEX16R5S	PEX 16mm Red - 5m Straight
S1PEX16R50C	PEX 16mm Red - 50m Coil
S1PEX20R5S	PEX 20mm Red - 5m Straight
S1PEX20R50C	PEX 20mm Red - 50m Coil



### PEX Pipes – Blue

(for cold water lines)

S1PEX16B5S	PEX 16mm Blue - 5m Straight
S1PEX16B50C	PEX 16mm Blue - 50m Coil
S1PEX20B5S	PEX 20mm Blue - 5m Straight
S1PEX20B50C	PEX 20mm Blue - 50m Coil



### PEX Pipes – Lilac

(for recycled water lines)

S1PEX16L5S	PEX 16mm Lilac - 5m Straight
S1PEX16L50C	PEX 16mm Lilac - 50m Coil
S1PEX20L5S	PEX 20mm Lilac - 5m Straight
S1PEX20L50C	PEX 20mm Lilac - 50m Coil



### PEX Pipes – Green

(for rainwater lines)

S1PEX16G5S	PEX 16mm Green - 5m Straight
S1PEX16G50C	PEX 16mm Green - 50m Coil
S1PEX20G5S	PEX 20mm Green - 5m Straight
S1PEX20G50C	PEX 20mm Green - 50m Coil

## Tools & Accessories



### Pipe Clips

S1PC12	Pipe Clip 12mm
S1PC16	Pipe Clip 16mm
S1PC20	Pipe Clip 20mm
S1PC25	Pipe Clip 25mm
S1PC32	Pipe Clip 32mm



### Crimp Tools

S1CCT12	Compact Crimp Tool 12mm
S1CCT16	Compact Crimp Tool 16mm
S1CCT20	Compact Crimp Tool 20mm
S1DCT25	Crimp Tool 25mm
S1DCT32	Crimp Tool 32mm
S1CT16	Alba Crimp Tool 16mm
S1CT20	Alba Crimp Tool 20mm
P-1N026	Crimp Gauge Tool 12, 16 & 20mm



### Battery Crimp Tool

S1PT01	Battery Crimp Tool: 3 JAWS-CHARGER-BATTERY
S1PTJ16	Battery Crimp Tool: Jaw 16mm
S1PTJ20	Battery Crimp Tool: Jaw 20mm
S1PTJ25	Battery Crimp Tool: Jaw 25mm
S1PTJ32	Battery Crimp Tool: Jaw 32mm
S1REMJ16	REM Power Tool Jaw 16mm
S1REMJ20	REM Power Tool Jaw 20mm
S1REMJ25	REM Power Tool Jaw 25mm
S1REMJ32	REM Power Tool Jaw 32mm



## ONLINE PRESSURE LOSS CALCULATOR

This free calculator is ideal for calculating the pressure loss for water flowing through SecuraOne PB and PEX piping system.

[www.marley.co.nz/securaone-pressure-loss](http://www.marley.co.nz/securaone-pressure-loss)

**For more information get in touch with your local Marley Territory Manager**

## Independent Certification

### Fittings

- › AS 5082.2 – Polybutene Fittings (Metric)
- › AS/NZS 2642.3 Polybutene Fittings
- › AS/NZS 2537 – PEX Fittings

### PB Pipes

- › AS 5082.1 – Polybutene Pipe (Metric)
- › AS/NZS 2642.2 – Polybutene Pipe

### PEX Pipes

- › AS 2492 – PEX pipes

## Sustainable Manufacturing

Marley is committed to creating environmentally sustainable processes and products and was the first plastics manufacturer in New Zealand to achieve ISO14001 registration. We are also Best Environmental Practice certified for our entire range of manufactured uPVC systems. This means we get our raw materials from sustainable and responsible sources, continuously work on our manufacturing processes to reduce our environmental footprint and accept our products back at the end of their useful life for recycling.

### BEST ENVIRONMENTAL PRACTICE



AS/NZS 5385:2024  
LICENSE No 2969



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