

**FRANKLIN**  
PLUMBING AND BATHROOMWARE

# JCT Trade

represents a manufacturing company which specialises in supplying Plumbing Products. We provide a complete range of cost effective solutions to the plumbing and building industries to help get the job done quicker, easier and at a lower cost.



WM74650  
WM74651  
WM74750  
AMI74689

Australian  
Standard  
AS/NZS 2492  
AS/NZS 2537  
AS4176

**Disclaimer:** All care has taken to ensure the information provided in this brochure is accurate and reliable but it must be treated as being of a general nature only. Products in this brochure may change as JCT Trade is committed to continuous product improvement. JCT Trade provide no guarantee nor accept responsibility for information contained in this brochure.

**JCT Copper Crimp** for Water, 16mm to 25mm.

**JCT Slide** for Water 16mm to 32mm.

**JCT Stainless Steel Crimp** for Water 16mm to 25mm.

**JCT Stainless Steel Crimp PEX-AL-PEX System** for Gas, 16mm to 32mm.

**JCT Stainless Steel Crimp PEX-AL-PEX for GAS** and **JCT Stainless Steel Crimp for WATER** use the same JCT Crimp tools.

JCT Water System is licensed by ApprovalMark International to Australian Standards and complies with Australian and New Zealand Standards AS/NZ 2492:2007 for Pipe (Licence WM 74650) and AS/NZS 2537:2011 for Fittings (Licence WM 74651).

JCT Gas System is licensed by ApprovalMark International to Australian Standards and complies with Australian Standards AS 4176.8-2010 for Pipe (Licence AMI74689) and Fittings (Licence AMI74689).

JCT Pipe Systems (excluding tooling) carries a 25 year manufacturers warranty when the system is installed by a licensed plumber or gasfitter in accordance with AS/NZS3500 and Local Authority Requirements. This is backed by Franklins Comprehensive Insurance Cover.

# TEST PROCEDURES FOR WATERMARK COMPLIANCE

Listed below are the characteristics that are being tested for as well as the code from which the method for testing is followed:

- Carbon black or Pigment Dispersion - ISO 18553
- Diameter and Wall Thickness - AS/NZS 1462.1
- Degree of Cross Linking - ISO 10147
- Effect on Water - AS4020
- Elongation at Break - ISO 6259-1, ISO 6259-3
- Hydrostatic Strength - ISO 1167 or AS 1462.6
- Long Term Stability - ISO 1167 or AS 1462.6
- Longitudinal Reversion - ISO2505
- Opacity - ISO7866
- Resistance to Weathering - ISO 14531-1
- Slow Crack Growth - ISO 13479
- Thermal Stability - ISO-TR 10837

# PN20 PE-Xa Water Pipe

JCT PN20 PE-Xa Pipe is made from Peroxide - cross linked polyethylene and manufactured under strict quality controls to Australian Standards AS/NZS 2492:2007 for hot and cold water applications under Licence WM 74650.

JCT PN20 PE-Xa Pipes are completely Non Toxic and are approved to AS4020.

The great advantage of JCT PN20 PE-Xa Pipe is that it can be used with **JCT Copper Crimp** and **JCT Slide** Fittings to complete two systems using the same pipe but utilising two different jointing methods.

JCT PN20 PE-Xa Pipe is colour coded to assist the installer in avoiding cross connections. The piping is available in two colours. It is recommended that unprotected pipe not be exposed to direct sunlight on a permanent basis.

JCT PN20 PE-Xa Pipes carries a 25 year manufacturers warranty when the system is installed by a licenced plumber in accordance with AS/NZS3500 and Local Authority Requirements. This is backed up by Franklins Comprehensive Insurance Cover.

Black - cold potable water

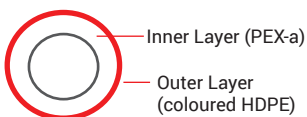
Red - hot potable water



AS/NZS 2492



WM74650



Inner layer: combination of HDPE & crosslinking agent  
 Outer layer: HDPE compound

## Performance

The use of JCT PN20 PE-Xa Pipe provides users with many advantages over traditional piping materials. It has excellent flexibility, is not adversely affected by freezing, offers excellent pressure and temperature resistance, is lightweight and also has low noise and heat transmission qualities. JCT PN20 PE-Xa Pipe provides very low levels of friction loss and therefore can often save users needing to upsize piping when installing long runs. As jointing methods are mechanical it does not require the use of solvents. Nor does it require soldering, welding or brazing.

## Pipe Sizes and Tolerances

Nom.O.D (DN)	Mean Outside Diameter (mm)	Maximum Out-of-Roundness (mm)	Wall Thickness (mm)
SDR 7.4 PN20			
16	16.0	1.2	2.2
20	20.0	1.2	2.8
25	25.0	1.2	3.5
32	32.0	1.3	4.4

## Pressure Ratings

Pipes for water applications are classified in terms of the nominal pressure rating (PN) at water service temperature of 20°C. JCT PEX Pipe has a pressure rating of PN20 and a nominal working pressure of 2,000kPa at 20°C. The following table shows the relationship of the pipe working pressure and pipe material temperature (PMT).

## Working Pressure, kPa

PMT	200C	600C	700C	General Working
PN20	2000	1500	1300	1000

- Maximum Working Temperature: 95°C
- Maximum Continuous Working Pressure: 1000kPa
- Maximum Continuous Working Temperature: 70°C
- Short Term Extension Limit: 100°C
- Linear Thermal Expansion Co-Efficient: 0.15
- Thermal Conductivity: 0.35W/(m.K)
- Pipe Internal Roughness: 0.007mm
- Maximum bending radius with preformed bend: 4x Ø
- Maximum bending radius without preformed bend: 8x Ø

**PN20 PE-Xa WATER PIPE** can be used with **JCT Copper Crimp** and **JCT Slide** Fittings to complete two systems.

### PE-Xa PIPE TECHNICAL DATA

#### Water Quality

JCT fittings are made from high quality DZR brass which provides good resistance to corrosive water conditions. However, if water conditions are outside the NZ drinking water guidelines of pH 6.5 - 8.5, JCT Pex DZR fittings should not be used.

Flush Pipes so they are clean and ready for use.

#### Handling and Storage

UV radiation can damage PE-Xa pipes, so always protect JCT pipe from direct sunlight.

Avoid damage to the pipe surface from dragging pipes across rough surfaces.

Protect uninstalled pipes from entry of harmful liquids.

Protect DZR fittings from corrosion.



## Pressure Loss Tables for PN20 PE-Xa Pipe

Cold Water at 250C				
Peak Flow Rate Qs (l/s) 0.01 to 0.50	16mm x 2.2mm Head Loss (kPa/m)	20mm x 2.8mm Head Loss (kPa/m)	25mm x 3.5mm Head Loss (kPa/m)	32mm x 4.4mm Head Loss (kPa/m)
0.05	0.3465	0.1242	-	-
0.10	1.1650	0.4141	0.1430	0.0430
0.15	2.3930	0.8455	0.2905	0.0866
0.20	4.0077	1.4090	0.4822	0.1430
0.25	5.9950	2.1001	0.7160	0.2122
0.30	8.3490	2.9143	0.9908	0.2927
0.35	11.0620	3.8498	1.3053	0.3846
0.40	14.1295	4.9036	1.6589	0.4879
0.45	-	6.0756	2.0510	0.6018
0.50	-	7.3633	2.4808	0.7266

Hot Water at 600C				
Peak Flow Rate Qs (l/s) 0.01 to 0.50	16mm x 2.2mm Head Loss (kPa/m)	20mm x 2.8mm Head Loss (kPa/m)	25mm x 3.5mm Head Loss (kPa/m)	32mm x 4.4mm Head Loss (kPa/m)
0.05	0.2913	0.0135	0.0358	0.0106
0.10	1.0002	0.3520	0.1205	0.0357
0.15	2.0803	0.7270	0.2475	0.0731
0.20	3.5175	1.2222	0.4140	0.1218
0.25	5.3030	1.8343	0.6185	0.1814
0.30	7.4321	2.5605	0.8685	0.2515
0.35	9.9026	3.3998	1.1392	0.3318
0.40	12.7115	4.3509	1.4535	0.4223
0.45	-	5.4121	1.8038	0.5228
0.50	-	6.5836	2.1891	0.6329

### Pipe Supports

- Fixing of JCT PE-Xa must comply with AS/NZS3500.
- Hot Water lines must be fixed as to allow for thermal linear expansion.
- Never fix a clip directly onto DZR brass fittings.

#### Horizontal Pipes

Clip Spacing  $\phi$

Pipe	(metres)
16mm	0.60
20mm	0.70
25mm	0.75
32mm	0.85

#### Vertical Pipes

Clip Spacing  $\phi$

Pipe	(metres)
16mm	1.20
20mm	1.40
25mm	1.50
32mm	1.70

NOTE: Horizontal hot water lines may require closer clip spacing to maintain straight lines and avoid sagging.

## Expansion and Contraction

### Expansion

JCT PE-Xa will expand with heat so allowance must be made for expansion in the system. The use of anchor points can ensure the expansion occurs in the desired direction. By securely clipping to one side of a fitting, expansion will occur in the opposite direction. All other clips and holes through which JCT PE-Xa passes should allow the pipe to slide longitudinally. For long runs on the hot water service an offset bend Fig. 1 or U bend Fig. 2 may be required.

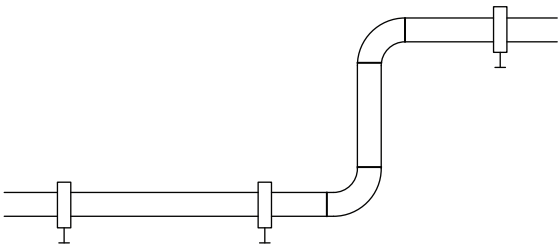


Fig.1: Expansion absorption through bends

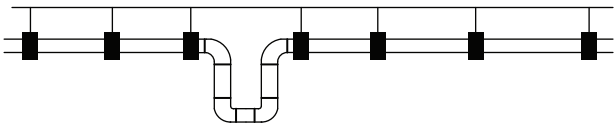


Fig.2: Expansion absorption through U Bend

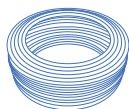
### **Thermal Insulation**

Although JCT PE-Xa has excellent insulating properties local authorities may require further insulation to reduce heat loss. JCT PE-Xa should be insulated against freezing conditions to reduce the chances of damage to the pipe work. In extreme conditions it is not possible to prevent static water freezing, so the complete system should be drained.

### **Water heaters and Uncontrolled Heating Sources.**

JCT PE-Xa for potable water systems are designed to operate within a tempering valve controlled hot water system limited to max 70°C. Although JCT PE-Xa has a maximum operating temperature of 95°C and will survive a short period of 100°C, this situation is not recommended and would only occur in the event of a tempering valve failing.

Connection of JCT PE-Xa to a water heater must comply with AS3500 and connect via a minimum 1 metre of copper pipe. JCT PE-Xa is not suitable for flow and return lines of solar panels as temperatures can reach 140°C.



CODE	SIZE	PACKING
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### Black Pipe - Water

CTPEX1650	16mm	50m/coil
CTPEX16L5	16mm	5m/len
CTPEX16100	16mm	100m/coil
CTPEX20100	20mm	100m/coil
CTPEX20L5	20mm	5m/len
CTPEX2550	25mm	50m/coil
CTPEX25L5	25mm	5m/len
CTPEX3250	32mm	50m/coil
CTPEX32L5	32mm	5m/len

### Red Pipe - Hot Water

CTPEX16L5R	16mm	5m/len
CTPEX16100R	16mm	100m/coil
CTPEX20L5R	20mm	5m/len
CTPEX20100R	20mm	100m/coil

### Lilac Pipe - Recycled Water

CTPEX1650LILAC	16mm	50m/coil
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### Blue Pipe - PEX-a Cold Water

CTPEX16L5B	16mm	5m/len
CTPEX16100B	16mm	50m/coil
CTPEX20L5B	20mm	5m/len
CTPEX20100B	20mm	50m/coil

### Pipe Clips - Black

JCT16B	16mm	100/bag
JCT20B	20mm	100/bag
JCT25B	25mm	100/bag
JCT32B	32mm	100/bag

# JCT Slide System

**JCT Slide** product range is a complete PEX Plumbing System comprising JCT PN20 PE-Xa Water Pipe, a full range of DR brass fittings and a set of easy to use tooling.

**JCT Slide** System is a simple and secure sliding sleeve jointing system which means total peace of mind and a simple visual inspection confirms water tightness.

**JCT Slide** Fittings are especially designed and engineered to compliment the JCT PE-Xa Pipe.

**JCT Slide** All JCT fittings are made from high quality Dezincification Resistant (DR) brass, heat treated and chemically enhanced for increased strength, durability and reliability.

**JCT Slide** system complies with Australian Standards AS2537 and AS2492 and is certified by ApprovalMark (Licences WM74651 and WM74650 respectively) for use with crosslinked polyethylene (PE-Xa) for hot and cold water installations.

**JCT Slide** System carries a 25 year manufacturers warranty when the system is installed by a licensed plumber in accordance with AS/NZS3500 and Local Authority Requirements. This is backed by Franklins Comprehensive Insurance Cover.



AS/NZS 2537



WaterMark

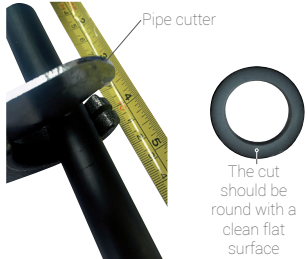
WM74651

WM74650

# INSTALLATION INSTRUCTIONS

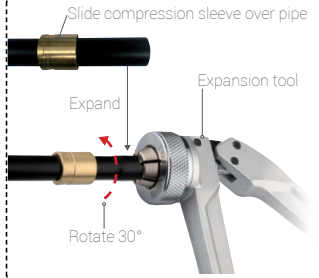
## STEP 1:

Measure the pipe and cut to correct angle, ensuring it is straight and burr free. Always use a PEX pipe cutter.



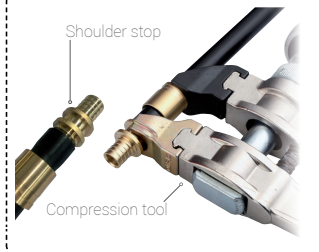
## STEP 2:

Slide the compression sleeve over the pipe with the bevelled end facing towards the fitting. Expand the pipe using the expansion tool, rotate the pipe 30° and repeat the process, ensuring the pipe is evenly expanded.



## STEP 3:

Insert the fitting into the expanded pipe; use the compression tool to slide the sleeve towards the fitting, making sure the two surface areas (shoulder stop and PEX pipe) meet completely flat and evenly all around in order to achieve a super seal.

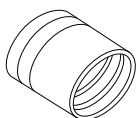


## STEP 4:

At completion, carry out pressure testing as required per AS/NZS 3500 and or any requirements specified by local authorities prior to burying or concealing the JCT Slide System.

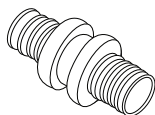
## IMPORTANT:

This system must be installed by a licensed plumber in accordance with this procedure otherwise warranty will be void.



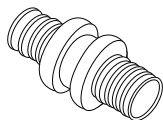
### Sliding Sleeve

TSS16	16mm
TSS20	20mm
TSS25	25mm
TSS32	32mm



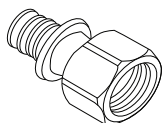
### Straight Connection

TSC16	16mm
TSC20	20mm
TSC25	25mm
TSC32	32mm



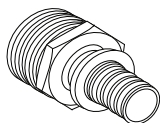
### Reducing Connection

TRC2016	20mm x 16mm
TSC2520	25mm x 20mm
TSC3225	32mm x 25mm



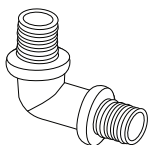
### Female Connection

TFC16	16mm
TFC20	20mm



### Male Connection

TMC16	16mm
TMC20	20mm
TMC25	25mm



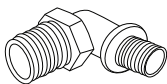
### Equal Elbow

TEE16	16mm
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TEE20	20mm
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TEE25	25mm
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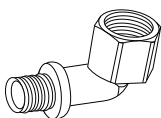
TEE32	32mm
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### Male Elbow

TME16	16mm
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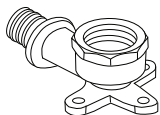
TME20	20mm
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### Female Elbow

TFE16	16mm
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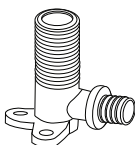
TFE20	20mm
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### Female Wingback

TFWB16	16mm
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TFWB20	20mm
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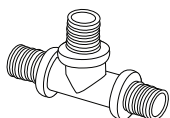


### Male Wingback

TMWB161565	16mm x 15mm BSP x 65mm
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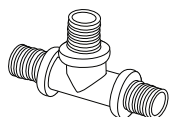
TMWB161590	16mm x 15mm BSP x 90mm
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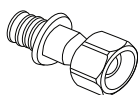
### Equal Tee

TET16	16mm
TET20	20mm
TET25	25mm
TET32	32mm



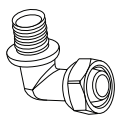
### Reduced Tee

TRT201616	20mm x 16mm x 16mm
TRT202016	20mm x 20mm x 16mm
TRT2016	20mm x 16mm
TRT251616	25mm x 16mm x 16mm
TRT2516	25mm x 16mm
TRT252516	25mm x 25mm x 16mm
TRT252020	25mm x 20mm x 20mm
TRT2520	25mm x 20mm
TRT252520	25mm x 25mm x 20mm
TRT322525	32mm x 25mm x 25mm
TRT3225	32mm x 25mm



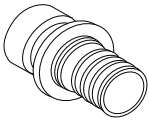
### Swivel Connector

TSWC16	16mm
TSWC20	20mm
TSWC25	25mm



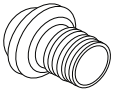
### Swivel Elbow

TSE16	16mm
TSE20	20mm



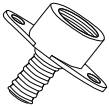
### Connecting Barb

TCB16	16mm
TCB20	20mm



### Plug

TP16	16mm
TP20	20mm



### Hose Plate

THP16	16mm
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# JCT Copper Crimp System

**JCT Copper Crimp** product range is a complete Pex Plumbing System comprising JCT PN20 PE-Xa water pipe, a full range of DR Brass Fittings and a set of easy to use tooling.

**JCT Copper Crimp** is a solid DZR brass fitting using robust copper rings with inspection windows and equally the longest joining barb on the market ensuring a water tight join every time.

**JCT Copper Crimp** has no O'rings which results in increased bore size and better flow and removes the risk of installer error because of dirty, damaged or dislodged O'rings.

Simple Crimp jointing system results in quick and simple installation.

**JCT Copper Crimp** All JCT fittings are made from high quality Dezincification Resistant (DR) brass, heat treated and chemically enhanced for increased strength, durability and reliability.

**JCT Copper Crimp** system complies with Australian Standards AS2537 and AS2492 and is certified by ApprovalMark (Licences WM74651 and WM74650 respectively) for use with crosslinked polyethylene (PE-Xa) for hot and cold water installations.

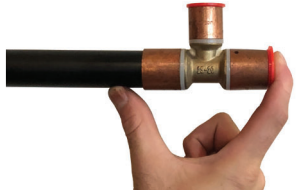
**JCT Copper Crimp** carries a 25 year manufacturers warranty when the system is installed by a licenced plumber in accordance with AS/NZS3500 and Local Authority Requirements. This is backed by Franklins Comprehensive Insurance Cover.

# INSTALLATION INSTRUCTIONS

**STEP 1:**  
Cut pipe at right angle.



**STEP 2:**  
Insert fitting.



**STEP 3:**  
Observe window for correct position of fitting.



**STEP 4:**  
Position crimping tool.



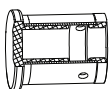
**STEP 5:**  
Crimp fitting.



**STEP 6:**  
Test with Pressure Gauge.



**IMPORTANT:**  
This system must be installed by a licensed plumber in accordance with this procedure otherwise warranty will be void.



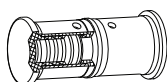
### Ring Only

CCC16	16mm
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CCC20	20mm
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CCC25	25mm
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CCC32	32mm
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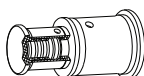
### Straight Connection

CSC16	16mm
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CSC20	20mm
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CSC25	25mm
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CSC16BUTE	16mm
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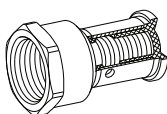


### Reducing Connection

CRC2016	20mm x 16mm
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CRC2516	25mm x 16mm
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CRC2520	25mm x 20mm
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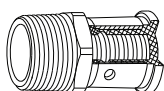


### Female Connection

CFC16	16mm
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CFC2015	20mm x 15mm BSP
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CFC20	20mm
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### Male Connection

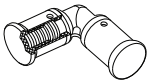
CMC16	16mm
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CMC2015	20mm x 15mm BSP
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CMC20	20mm
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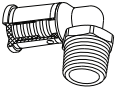
CMC2520	25mm x 20mm BSP
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CMC25	25mm
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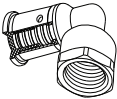
### Equal Elbow

CEE16	16mm
CEE20	20mm
CEE25	25mm



### Male Elbow

CME16	16mm
CME2015	20mm x 15mm BSP
CME20	20mm
CME25	25mm



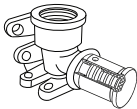
### Female Elbow

CFE16	16mm
CFE20	20mm



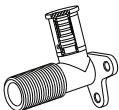
### Female Wingback

CFWB16	16mm
CFWB1620	16mm x 20mm BSP
CFWB2015	20mm x 15mm BSP
CFWB20	20mm



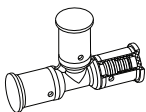
### Female Double Fix Wingback

CFWB16DF	16mm
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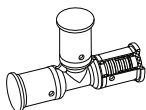
### Male Wingback

CMWB161565	16mm x 65mm
CMWB161590	16mm x 90mm
CMWB1615150	16mm x 150mm



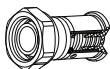
### Equal Tee

CET16	16mm
CET20	20mm
CET25	25mm



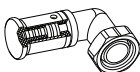
### Reducing Tee

CRT201616	20mm x 16mm x 16mm
CRT2016	20mm x 16mm
CRT202016	20mm x 20mm x 16mm
CRT2516	25mm x 16mm
CRT2520	25mm x 20mm
CRT252020	25mm x 20mm x 20mm
CRT252516	25mm x 25mm x 16mm
CRT252520	25mm x 25mm x 20mm



### Swivel Connector

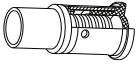
CSWC16	16mm
CSWC1620	16mm x 20mm BSP
CSWC20	20mm
CSWC2015	20mm x 15mm BSP
CSWC25	25mm



### Swivel Elbow

CSE16	16mm
CSE20	20mm
CSE2015	20mm x 15mm BSP





### Connecting Barb

CCB16	16mm
CCB20	20mm

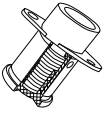
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### Plug

CP16	16mm
CP20	20mm

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### Hose Plate

CHP16	16mm
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# PN16 PE-Xb Water Pipe

JCT PN16 PE-Xb Pipe is made from Silane - Cross Linked Polyethelene and manufactured under strict quality controls to New Zealand Standards AS/NZS 2492:2007 for hot and cold water applications under Licence WM 74650.

JCT PN16 PE-Xb Pipes are completely Non Toxic and are approved to AS4020.

JCT PN16 PE-Xb Pipes carries a 25-year manufacturers warranty when the system is installed by a licensed plumber in accordance with AS/NZS3500 and Local Authority Requirements. This is backed up by Franklins Comprehensive Insurance Cover.

The great advantage of JCT PN16 PE-Xb Pipe is that it can be used with **JCT Stainless Steel Crimp** fittings.

JCT PN16 PE-Xb Pipe is recommended that unprotected pipe not be exposed to direct sunlight on a permanent basis.

Black - cold potable water



AS/NZS 2492



WaterMark

WM74650

## Performance

The use of JCT PN16 PE-Xb Pipe provides users with many advantages over traditional piping materials.

JCT PE-Xb pipes have great flexibility making installation quick and easy

JCT PE-Xb pipes have good thermal and acoustic insulation properties

JCT PE-Xb use a Universal DZR Water and Gas Stainless Steel Crimp fitting.

## Pipe Sizes and Tolerances

Nom.O.D (DN)	Mean Outside Diameter (mm)	Maximum Out-of-Roundness (mm)	Wall Thickness (mm)
SDR 9 PN16			
16	16.0	1.2	2.0
20	20.0	1.2	2.3

## Pressure Ratings

Pipes for water applications are classified in terms of the nominal pressure rating (PN) at water service temperature of 20°C. JCT PE-Xb Pipe has a pressure rating of PN16 and a nominal working pressure of 1600kPa at 20°C. The following table shows the relationship of the pipe working pressure and pipe material temperature (PMT).

## Working Pressure kPa

PMT	200C	600C	700C	General Working
PN16	1600	1200	1100	1000

PN16 PE-Xb Pipe					
Working Pressure Water	Temp. °C	20	40	60	80
	Pressure kPa, PN16	1600	1200	950	760
Continuous operation temperature	PN16	72°C at 810kPa			
Maximum operation temperature	90°C				
Minimum wall thickness	Nom.O.D (DN)	Thickness			
	16mm PN16	2.0mm			
	20mm PN16	2.3mm			
Linear thermal expansion coefficient	(m/m°C)11.4*10-4				
Thermal conductivity	0.35				
Minimum bending radius without aid	8 x diameter				

## PE-Xb PIPE TECHNICAL DATA

### Water Quality

**JCT Stainless Steel Crimp** fittings are made from high quality DZR brass which provides good resistance to corrosive water conditions. However, if water conditions are outside the NZ drinking water guidelines of pH 6.5 - 8.5, JCT Pex DZR fittings should not be used.

### Handling and Storage

UV radiation can damage PE-Xa pipes, so always protect JCT pipe from direct sunlight.

Avoid damage to the pipe surface from dragging pipes across rough surfaces.

Protect uninstalled pipes from entry of harmful liquids.

Protect DZR fittings from corrosion.

Protect pipes from freezing by insulation or draining the system when not in use.

JCT PE-Xb water pipes may be installed underground or under-slab so long as all fittings are kept to a minimum and are wrapped in a "Denso" type protective coating.

No fittings should be installed within a concrete slab.

All JCT PE-Xb pipes should be sleeved as they penetrate the slab using JCT Conduit.

## Installation

Do not use PE-Xb on installations with uncontrolled heat sources such as Solar or Wetbacks before a Tempering Valve

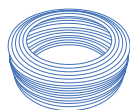
Test JCT PE-Xb Water systems at 1500 kPa for 30 minutes, check crimps visually and after testing to ensure crimps are complete and no leaks have occurred. Check Crimps using JCT Crimp Gauge for PE-Xb.

Flush Pipes so they are clean and ready for use.

### Horizontal Pipes

Horizontal Pipes		Vertical Pipes	
Clip Spacing $\emptyset$		Clip Spacing $\emptyset$	
Pipe	(metres)	Pipe	(metres)
16mm	0.60	16mm	1.20
20mm	0.70	20mm	1.40
25mm	0.75	25mm	1.50
32mm	0.85	32mm	1.70

NOTE: Horizontal hot water lines may require closer clip spacing to maintain straight lines and avoid sagging.



CODE	SIZE	PACKING
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### Black Pipe - Water

JPEX1650	16mm	50m/coil
JPEX16L5	16mm	5m/len
JPEX16100	16mm	100m/coil
JPEX2050	20mm	50m/coil
JPEX20L5	20mm	5m/len

### Red Pipe - Hot Water

JPEX16L5R	16mm	5m/len
JPEX1650R	16mm	50m/coil
JPEX20L5R	20mm	5m/len
JPEX2050R	20mm	50m/coil

### Lilac Pipe - Recycled Water

JPEX16L5LILAC	16mm	5m/len
JPEX1650LILAC	16mm	50m/coil

### Blue Pipe - PEX-b Cold Water

JPEX16L5B	16mm	5m/len
JPEX1650B	16mm	50m/coil
JEPX20L5B	20mm	5m/len
JPEX20L5B	20mm	50m/coil

### Pipe Clips - Black

JCT16B	16mm	100/bag
JCT20B	20mm	100/bag
JCT25B	25mm	100/bag
JCT32B	32mm	100/bag

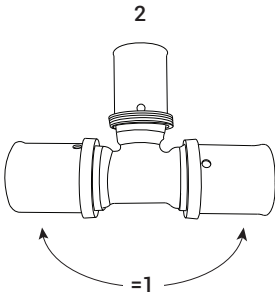
## TEE CODING

The end number always represents the branch

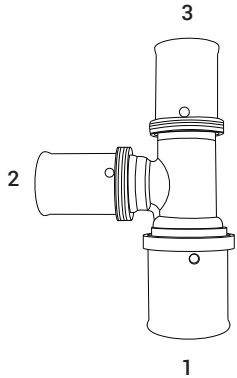
If the tee is equal on both sides and reduces at the branch then we only have two numbers not three. The larger number is always first.

e.g.

JRT2016



JRT201616



# JCT Tools



## Manual Crimp Tools

JCT.MC1620 CC	16mm - 20mm
JCT.C16L CC	16mm - 20mm
JCT.C20L CC	16mm - 20mm
JCT.MC1620 SS	16mm - 20mm



## REMS Mini Press Tool Kit

REMS K (Copper Crimp)	16mm - 32mm
REMS U (Stainless Steel Crimp)	16mm - 32mm
REMS S (Sliding Sleeve)	16mm - 32mm



## Manual Slide Tool

JCT.MS1632 Slide	16mm - 32 mm
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## Pipe Cutter

PC30	16mm - 32mm
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## S/S Plastic Reamer

JCT.PR1625	16 - 20 - 25mm
JCT.PR2032	20 - 25 - 32mm



## 90° Profile Bend

PPB016	16mm	10/bag
JCT16GALVPB	16mm	10/bag
JCT20GALVPB	20mm	10/bag
JCT25GALVPB	25mm	10/bag







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