

EvoPEX

Male Lugged Elbows

Scope of Use / Specification Sheet

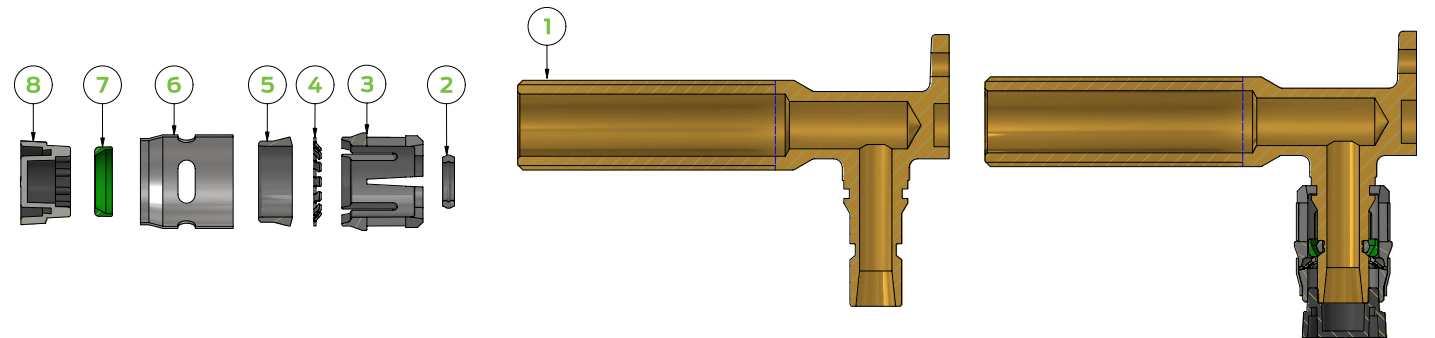
Proudly made in Australia, the EvoPEX system is an evolutionary step in providing an advanced potable water system for safe and efficient water delivery. EvoPEX is an innovative push-to-connect fitting designed for the modern day plumber, ideal for residential or commercial plumbing applications. Engineered as a more efficient alternative to tool-based pipe joining methods, EvoPEX improves efficiency, minimizes lost time on the job and mitigates risk.

EvoPEX is suitable for use with PEX pipe utilizing push-to-connect fitting system technology for a permanent connection.



Product Code	
Code	Size
1546683	16mm x ½" MI (185)
1546684	16mm x ½" MI (100)
1546685	20mm x ¾" MI (185)
1546686	20mm x ½" MI (100)
1546695	20mm x ½" MI (185)

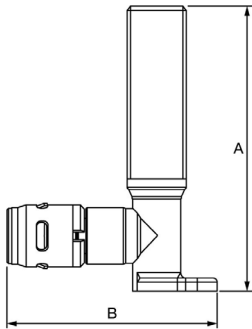
- The Unique EvoPEX ‘Green’ Protection Ring Provides 3 Functions**
- Its location in front of the radial seal provides protection against foreign matter entering the fitting.
 - The protection ring has a face chamfer that helps guide the PEX pipe over the radial seal during insertion. The chamfer design eliminates the need for the PEX pipe to be deburred.
 - The EvoPEX ‘green’ protection ring provides a visual indication for the installer that the PEX pipe has been inserted to the correct depth and a secure joint has been achieved.



Materials			
1 Body	DZR Brass	5 Spacer	Copolymer
2 Radial Seal	EPDM	6 Collet Retainer	SST 304
3 Collet	Grilamid	7 Protection Ring	Copolymer
4 Grab Ring	SST 316	8 Protection Cap	LPDE

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Dimensions

Code	Size	A	B	Pipe Insertion Depth
1546683	16mm x 1/2" MI	185	76.50	16 = 21.107
1546684	16mm x 1/2" MI	100	74.00	16 = 21.107
1546685	20mm x 3/4" MI	185	84.25	20 = 24.003
1546686	20mm x 1/2" MI	100	76.50	20 = 24.003
1546695	20mm x 1/2" MI	185	76.50	20 = 24.003

Note: All measurements in mm unless otherwise stated.

Maximum Working Pressure

PEX pipe manufactured to AS/NZS 2492 and designed to operate with a working pressure of 2,000kPa at 20°C can be operated continuously at 70°C with a maximum working pressure of 1,000kPa.

Temperatures above 70°C for any period will affect the life of the pipe.

Underground Wrapping

EvoPEX Fitting Body Type	Wrapping
EvoPEX – with brass body	Yes
EvoPEX – with all polymer body	No

UV Resistance

The EvoPEX pipe and fittings should not be installed in direct or reflected sunlight as the material may degrade with extended UV exposure. Where external installations is required, install the EvoPEX pre-conduited produce or provide other similar UV protection.

Standards and Approvals



Lead Free

AS/NZS 2537.2
WMKA02056

Protection Caps

It is important that no foreign matter be present within the fitting prior to pipe fitment. A multi purpose protection cap ensures all fittings are free of contamination prior to installation. The protection cap can also be used on the PEX pipe end to ensure the pipe remains free of any onsite materials that may be caught when pushing pipes through frames, under floor or within ceilings. Added protection for your peace of mind.

