

# COMPRESSION Instantor® Fittings



## COMPRESSION FITTINGS

# No Specialised Tools Needed!



## Quick and easy to put together

Simply slide the nut onto the pipe and then add the compression ring. After that, all you need to do is slide the pipe fully into the fitting and tighten the nut to create a watertight joint.

## Versatile

Connect copper pipe or Instantor® Pex Pipe using Instantor® pipe inserts



Quick



Easy



Reusable

## Reusable and easy to take apart

You can re-use Instantor® compression fittings many times over and this makes them an economical choice, but a new compression ring is required for each use. Simply loosen the nut and pull out the pipe.

## Better than traditional Crox Fittings

Crox jointing requires a specialised tool. They also require hemp and graphite to create the seal. Crox joints often 'weep' until the hemp swells and they 'tend to loosen over time' – BRANZ Report 'Pipe Jointing Systems'

CERTIFICATION



ISEN 1254-, NSAI License No. 1.8.1  
Wras Approval: Cert # 1601302  
Kiwa Approval: Cert # 1602707



## FREQUENTLY ASKED QUESTIONS

### Does Instantor offer a warranty period?

YES, Instantor® Pex Pipe and Fittings have a 30 year warranty if installed by a licensed Plumber, in accordance to AS/NZ3500 and the Manufacturers recommended installation instructions. Avoid damage to the pipe from dragging pipes across rough surfaces. Protect uninstalled pipes from ingress of harmful liquids.

### Can Instantor® Pex Pipe and Fittings be used in conjunction with copper?

YES, Instantor® Fittings have been made since 1934 for use with copper pipe. Instantor® Pex has been made to the same nominal dimensions as copper pipe and can be joined with Instantor® Fittings using Instantor® pex inserts in accordance with our jointing guidelines.

### Is Instantor® Pex Pipe approved for both underground and behind wall use?

Instantor® Pex Pipe can be used in all underground and concealed applications. It is ideal for conventional central heating, underfloor heating, hot and cold running water. Instantor® Fittings should not be used underground unless adequately protected from corrosive soil conditions and should only be installed where accessible in accordance to AS/NZ standards.

### Can Instantor® Pex Pipe and fittings be embedded in concrete?

Instantor® Pex Pipe can be buried or embedded in concrete. Instantor® Fittings are not suitable to be buried in concrete.

### Is Instantor® Pex Pipe UV stabilized, i.e can it be exposed to light?

Instantor® Pex Pipe can be damaged by UV radiation, so always protect piping from direct sunlight. If using in exposed situations a suitable insulation or sleeve must be used.

### What is the maximum pressure rating for Instantor® Pex?

Maximum recommended working pressure is 1200KPA. Note: 500KPA is the required maximum operating pressure at an outlet within a building under AS/NZ3500.1.

### What is the recommended operating water temperature?

Instantor® Pex Pipe has a maximum operating temperature of 92°C, with a short term overload to 114°C. Maximum temperatures vary to pressure rating.

20°C = 1200KPA

82°C = 400KPA

92°C = 300KPA

### What is the bend radius of Instantor® Pex Pipe?

Minimum bend radius: 5x diameter.

Pipe fixing must comply with AS/NZ3500. Hot water lines must be fitted as to allow for thermal linear expansion. Clip spacing:

15mm Pipe – Horizontal: 0.7m Vertical: 1.2m

20mm Pipe – Horizontal: 0.8m Vertical: 1.4m

### How does Instantor® Pex bend?

By hand, there are no specific tool requirements to bend it.

### Can the Instantor® range be used for compressed air? Yes.

### Other useful information:

Instantor® Pex Pipe:

Tested to BS7291/ISO15875 part 3 2006 Class S.

WRAS and SKZ (Germany) approved.

Pressure testing of installations must comply with AS/NZ3500 and local body requirements

### Instantor® Fittings:

Max Operating Pressure 30°C – 1600KPA, 109°C – 600KPA

Max Operating Temp 109°C

Min Operating Temp -20°C (Flowing water)

Conforms to – ISEN 1254-2, NSAI Licence No. 1.8.1