

Uponor

# Build on Uponor with Quick & Easy

Innovative jointing technology for preinsulated Ecoflex pipes

Now up to  
75 mm!



# Q&E jointing technology benefits also available for preinsulated Ecoflex pipes

## Uponor Ecoflex pipes for heating and hot domestic tap water

Uponor preinsulated pipe systems are proven as reliable, innovative, flexible and cost efficient for transport of a variety of liquids both inside and outside of buildings. The system also comprises a complete range of products for clean tap water supply. Its material properties give long service life and as the pipes are low-weight and highly flexible, they can be installed easily and quickly, even over obstacles and round corners.

- Uponor Ecoflex Thermo - Heating
- Uponor Ecoflex Quattro - Four service pipe element with two pipes for heating and two pipes for hot domestic tap water.

### Your benefits:

- Reliable joint
- Quick and easy installation
- Same fitting for both PN6 and PN10 pipes, 20-75 mm
- Same tools can be used for all Uponor PE-Xa Q&E connections

## Uponor Quick & Easy – the smart jointing technology

Uponor PE-Xa pipes have a thermal memory, the so-called 'memory effect'. This results in a strong resilience that we use specifically for the Quick & Easy connection technology. When an Uponor PE-Xa pipe is expanded with a suitable tool, it strives to return within a short time back into its original form.

We make use of this characteristic in the Quick & Easy connection technology. The pipe material serves as the seal material. The PE-Xa pipe connects with the Quick & Easy fitting. Jointing itself is very fast. A 100% reliable connection between the fitting and the pipe is produced without making use of O-rings. Elaborate work such as welding or soldering is a thing of the past.





# Brass and PPSU fittings can be used in Q&E connections

All Q&E fittings are made from brass or PPSU plastic. Used materials ensures that all fittings can be used in both heating and hot domestic tap water networks.

## Heating networks

- Pipe ends with brass male thread fittings (easy to connect with the other lines inside a building)
- Branches with PPSU T-fittings (wide selection of different branching variations for ISO dimensions)

## Hot domestic tap water networks

- Pipe ends with brass male thread fittings (easy to connect with the other lines inside a building)
- Branches with PPSU T-fittings (ISO dimensions) and brass T-fittings, or brass male thread fittings and female thread T-parts (NKB dimensions only available in brass)



Brass fittings



Q&E male thread fittings  
ISO 20-75 mm



Q&E male thread fittings  
NKB 18-28 mm



Q&E joint fittings and T-fittings  
NKB 18-28 mm



Plastic PPSU fittings



Q&E T-fittings  
ISO 20-75 mm



Q&E joint fittings  
ISO 20-75 mm

# Expander tools for Q&E jointing technology



## Expander tool Milwaukee M18

- Cordless expander tool
- Pipe dimensions:  
18-32 mm (40 mm PN6)
- Expander heads:  
Auto-rotating heads,  
compatible with M12 expander tool



## Expander tool Milwaukee M18 VLD PEX

- Cordless expander tool
- Pipe dimensions:  
40-75mm
- Same auto-rotating heads for  
PN6 and PN10
- Side handle and on table installation









# Quick & Easy for heating, hot water and cold water services

As one of the ultimate sources of life, the safe supply and delivery of fresh potable water is a cornerstone in building or renovating your home. Based on our many years of expert knowledge and foresight, Uponor's plumbing solutions help transport water to its destination by efficient, sustainable and hygienic system design and installation.

The unique and innovative Quick & Easy fitting technology makes use of the shrink-back effect for a quick and easy installation, which only works together with PE-Xa pipes produced by Uponor. A wide range of tools and accessories helps to make your installation safe and trouble-free.





# Q&E installation - the quick way to tight joints



**1** Cut the pipe edge vertically.



**2** Expand the pipe end. To ensure a uniform expansion, the expander rotates according to the integrated auto rotate function.



**3** Push the expanded pipe end in quickly until it stops on the fitting nipple. Hold until the pipe has been shrunk. Ready!

## More about Uponor



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