



Installation



Active surfaces  
for heating and cooling



Industry

## KELOX PROTEC push fitting

Revolutionary fitting combining performance and easy installation

- slim and short fitting design
- complete range of fittings for sizes d16-32mm
- strong and permanent leak-tight connection
- can be used for a wide range of applications
- completely compatible with the proven Kelox product range



# KELOX PROTEC push fitting

## Easy

NO expensive tools are required. Complete range of fittings for sizes d16 – 32 mm.

## Secure

The fitting is NOT demountable. The sealing function takes priority. The pipe and fitting are connected on the inside of the pipe by a grab ring. The protectorring acts as a barrier to prevent pipes that have not been chamfered from entering the fitting. This protects the O-rings from damages. If the fittings have been connected correctly the joint will be watertight and resistant to any pull-out of the pipe. Check the viewing window to make sure.

## Easy to handle

The body of the fitting is the ideal size and is no problem for flush-mounted installations. The slim design makes it possible to insulate after installation.

## Suited for on-site conditions

The sealing of the joint occurs on the chamfeed and clean inside surface of the KELOX pipe. EPDM O-rings are grease-free. There is no problem with contamination and only a low amount of force is required (do not apply any extra grease). The fitting can be adjusted and rotated after installation. The cap on the fitting protects the grab ring and O-rings.

## Approved

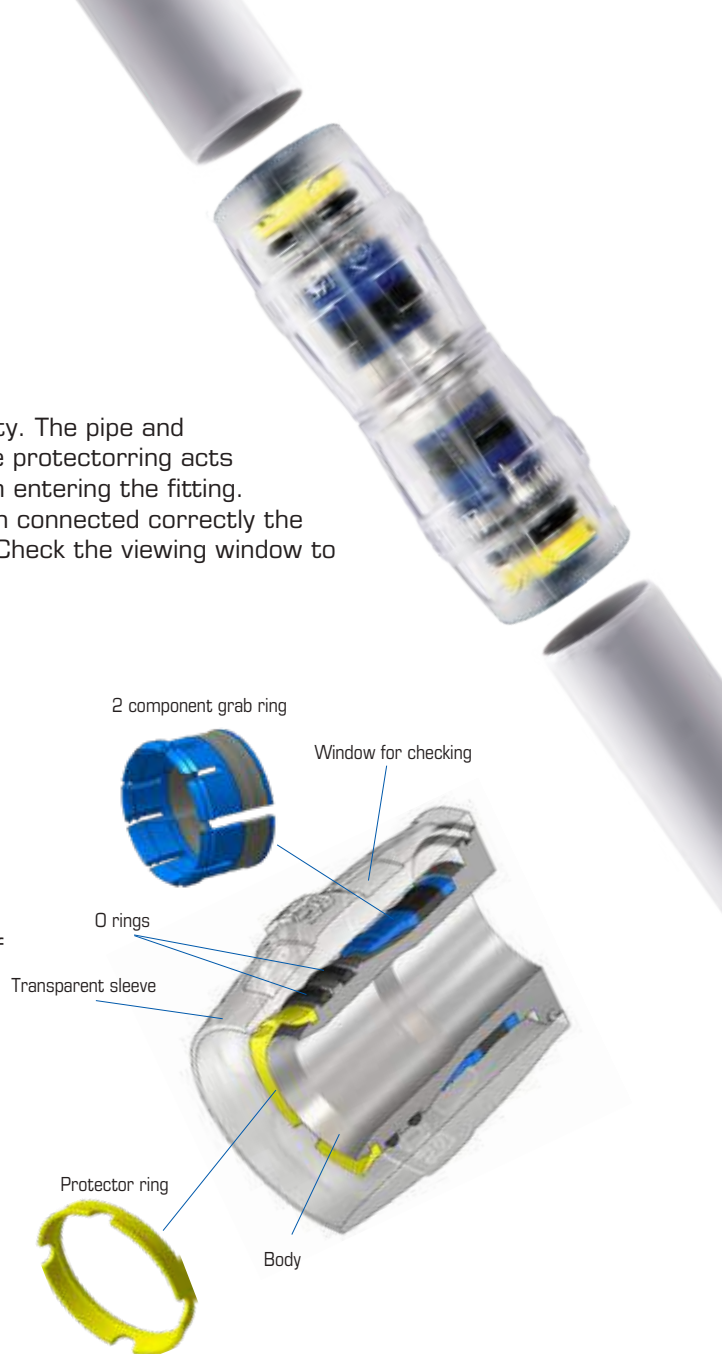
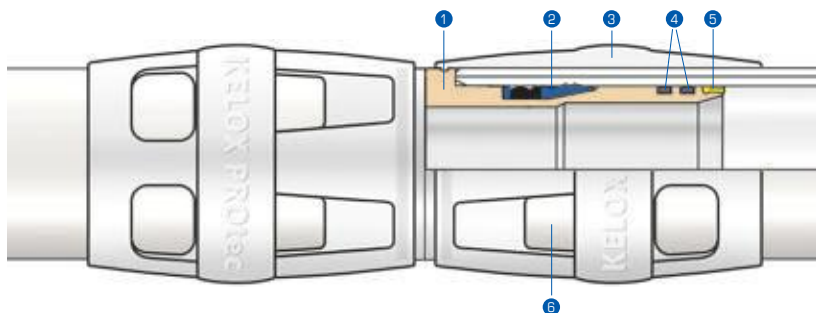
Comprehensive testing of the product range has been completed:

Water hammer, temperature cycles, high pressure, tensile strength etc...

Certified by DVGW and ÖVGW

## Robust

State-of-the art-materials have been chosen for the fitting  
Pore-free metal plated brass, PPSU, polyamide, PA-GF, nano-coated EPDM



## Material and design

1. Body of the fittings made of high-quality brass d16 – 32 mm with non-porous metal plating or Couples, elbows 90° and tees made of high-quality PPSU d16 – 25mm
2. 2K-GRAB RING holding components made of glass fibre reinforced polyamide and elastomer
3. Push sleeve made of transparent polyamide
4. Two synthetic, ageing-resistant O-rings made of EPDM
5. Protector ring made of highly durable plastic, prevents the insertion of non-calibrated pipes
6. Closed visual inspection window

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