

# ASTM WIPEX fittings

## Project information

|                                |                 |
|--------------------------------|-----------------|
| Job name:                      | Location:       |
| Engineer:                      | Date submitted: |
| Contractor:                    | Submitted by:   |
| Manufacturer's representative: | Approved by:    |

## Technical data

|                         |  |
|-------------------------|--|
| Material                | Brass  |
| Subcomponent Material   | Body: DZR (dezincification-resistant) brass<br>Clamp ring: DZR brass<br>Bolt: Stainless steel<br>Nut: Stainless steel<br>Washer: Stainless steel |
| Temp/pressure ratings   | 73 °F (23 °C) at 160 psi (11 bar)<br>180 °F (82 °C) at 100 psi (6.9 bar)<br>200 °F (93 °C) at 80 psi (5.5 bar)                                   |
| Prop 65 label required? | Yes  |



## Product information and application use

WIPEX™ Fittings are used for all types of Uponor's crosslinked polyethylene (PEX-a) tubing applications. Dezincification-resistant (DZR) brass fittings are safe for direct burial in soil.

| Part name                     | Part no. | End Type 1     | End Type 2 | A [inch] | B [inch] | C [inch] | Weight per UOM [lbs/UOM] |
|-------------------------------|----------|----------------|------------|----------|----------|----------|--------------------------|
| WIPEX Fitting 1" PEX x 1" NPT | 5550010  | Compression 1" | MNPT 1"    | -        | -        | -        | 0.63                     |
| WIPEX Fitting 4" x 4" NPT     | 5550040  | Compression 4" | MNPT 4"    | 5.52     | 5.551    | 4.724    | 10                       |

| Part name           | Part no. | Codes   | Standards                        | Listings |
|---------------------|----------|---------|----------------------------------|----------|
| ASTM WIPEX fittings | All      | IMC UMC | CSA B137.5 NSF/ANSI 14 ASTM F877 | IAPMO-ES |

## Installation

Use DZR brass adapters to transition Uponor PEX tubing to male NPT thread. Use EPDM O-rings between the different parts for sealing. For more information, refer to the Uponor WIPEX Fittings Instruction Sheet.

## Related applications

- Pre-Insulated Pipe Systems
- Radiant Heating and Cooling Systems
- Permafrost Prevention Systems
- Turf Conditioning Systems

## Footnotes

## Contact information

Uponor Inc.  
5925 148th Street West  
Apple Valley, MN 55124  
T 800.321.4739  
F 952.891.2008

Uponor Ltd.  
6510 Kennedy Road  
Mississauga, ON L5T 2X4  
T 888.594.7726  
F 800.638.9517