

# QS-style copper fitting adapters

## Project Information

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

## Technical data

|                         |  |
|-------------------------|--|
| Material                | Brass  |
| 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

The Uponor QS-style Copper Adapters, combined with the appropriate QS-style Fitting Assembly, transition Wirsbo hePEXTM tubing to 1/2", 3/4" or 1" copper pipe in hydronic heating applications



| Part name  | Part no. | A [Inch] | B [Inch] | C [Inch] | D [Inch] | E [Inch] | F [Inch] | G [Inch] | H [Inch] | End Type 1     | End Type 2 |
|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------------|------------|
| QS-style Copper Fitting Adapter, R20 x 1/2" Copper                               | A4342050 | 0.601    | 0.275    | 0.512    | 1.224    | 1.388    | 1.063    | 0.612    | 0.531    | ISO 228-G 3/4" | Sweat 1/2" |
| QS-style Copper Fitting Adapter, R25 X 1" Copper (for 3/4" and 5/8" tubing only) | A4342510 | 0.97     | 0.299    | 0.658    | 1.585    | 1.927    | 1.375    | 0.792    | 0.687    | ISO 228-G 1"   | Sweat 1"   |

| Part name  | Part no. | Weight per UOM [lbs/UOM] |
|--|----------|--------------------------|
| QS-style Copper Fitting Adapter, R20 x 1/2" Copper                               | A4342050 | 0.15                     |
| QS-style Copper Fitting Adapter, R25 X 1" Copper (for 3/4" and 5/8" tubing only) | A4342510 | 0.29                     |

| Part name  | Part no. | Codes | Standards           | Listings |
|--|----------|-------|---------------------|----------|
| QS-style copper fitting adapters   | All      | -     | ASTM F877           | -        |
| In addition, the following parts have additional codes, standards, or listings:  |          |       |                     |          |
| QS-style Copper Fitting Adapter, R20 x 1/2" Copper                               | A4342050 |       | R20: ISO 228-G 3/4" |          |
| QS-style Copper Fitting Adapter, R25 X 1" Copper (for 3/4" and 5/8" tubing only) | A4342510 |       | R25: ISO 228-G 1"   |          |

## Installation

The corresponding compression fitting threads onto the R20 or R25 thread to adapt to copper. For additional information, refer to the Uponor Radiant Floor Heating Installation Handbook.

## Related applications

- Radiant Heating and Cooling Systems
- Permafrost Protection Systems
- Turf Conditioning Systems

## Footnotes

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## Contact information

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