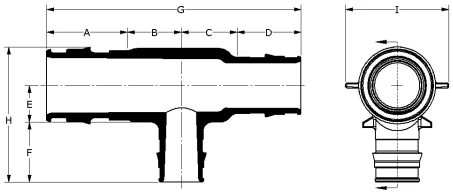
# ProPEX EP reducing tees - 2in up

## Project information

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

## Technical data

| | |
|---|---|
| Material | Engineered Polymer |
| Temp/pressure ratings | 73 °F (23 °C) at 160 psi (11 bar) |
| | 180 °F (82 °C) at 100 psi (6.9 bar) |
| | 200 °F (93 °C) at 80 psi (5.5 bar) |




## Product information and application use

ProPEX® engineered polymer (EP) reducing tees make diverting connections for Uponor crosslinked polyethylene (PEX-a) tubing for use in hot and cold domestic potable water systems, residential fire sprinkler systems and hydronic radiant heating and cooling systems. Each end of the tee is manufactured with an Uponor ProPEX fitting for connections to Uponor AquaPEX® or Wirsbo hePEX™ tubing. Note: Branch size is listed last in the part descriptions.

Related: ProPEX EP reducing tees - up to 1.5in

Note: Temperature and pressure ratings stated are hydrostatic ratings. For domestic hot-water (DHW) and DHW recirculation installations, operating conditions should not exceed 140°F (60°C) at 80 psi (5.5 bar) in accordance with ASTM F2023. For additional information regarding application-specific temperature and pressure ratings, refer to the Uponor PEX Piping Systems Design and Installation Manual.

| | Part name | Part no. | A [inch] | B [inch] | C [inch] | D [inch] | E [inch] | F [inch] | G [inch] | H [inch] | I [inch] | Cv Through |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 3/4" PEX | Q4752575 | 2.157 | 1.32 | 1.32 | 1.714 | 1.305 | 0.955 | 6.511 | 3.3 | 2.62 | 43.5 |
| ✔ | ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 1" PEX | Q4752051 | 2.157 | 1.32 | 1.32 | 1.714 | 1.305 | 1.191 | 6.511 | 3.536 | 2.62 | 42.4 |
| | ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 1 1/4" PEX | Q4752053 | 2.157 | 1.375 | 1.375 | 1.714 | 1.305 | 1.445 | 6.621 | 3.79 | 2.62 | 41.8 |
| | ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 1 1/2" PEX | Q4752055 | 2.157 | 1.375 | 1.375 | 1.714 | 1.305 | 1.714 | 6.621 | 4.059 | 2.62 | 42.1 |
| | ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 2" PEX | Q4752152 | 2.157 | 1.75 | 1.75 | 1.714 | 1.04 | 2.157 | 7.371 | 4.237 | 2.82 | 38.6 |
| | ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1/2" PEX | Q4752250 | 2.157 | 0.75 | 0.75 | 2.157 | 1.04 | 0.719 | 5.814 | 2.799 | 2.82 | 111.1 |
| | ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 3/4" PEX | Q4752275 | 2.157 | 0.95 | 0.95 | 2.157 | 1.05 | 0.955 | 6.214 | 3.045 | 2.82 | 115 |
| | ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1" PEX | Q4752210 | 2.157 | 1.1 | 1.1 | 2.157 | 1.05 | 1.191 | 6.514 | 3.281 | 2.82 | 119.7 |
| | ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1 1/4" PEX | Q4752213 | 2.157 | 1.25 | 1.25 | 2.157 | 1.05 | 1.455 | 6.814 | 3.545 | 2.82 | 107 |
| | ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1 1/2" PEX | Q4752215 | 2.157 | 1.35 | 1.35 | 2.157 | 1.05 | 1.714 | 7.014 | 3.804 | 2.82 | 115.8 |
| | ProPEX EP Reducing Tee, 2 1/2" PEX x 2" PEX x 1 1/2" PEX | Q4752525 | 2.83 | 1.6 | 1.6 | 2.157 | 1.31 | 1.714 | 8.187 | 4.314 | 3.6 | 80.4 |
| | ProPEX EP Reducing Tee, 2 1/2" PEX x 2" PEX x 2" PEX | Q4752522 | 2.83 | 2 | 2 | 2.157 | 1.31 | 2.157 | 8.987 | 4.757 | 3.6 | 79.5 |
| | ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 3/4" PEX | Q4752557 | 2.83 | 1.15 | 1.15 | 2.83 | 1.31 | 0.955 | 7.96 | 3.555 | 3.6 | 209.6 |
| | ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 1" PEX | Q4752510 | 2.83 | 1.25 | 1.25 | 2.83 | 1.31 | 1.191 | 8.16 | 3.791 | 3.6 | 202 |
| | ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 1 1/4" PEX | Q4752513 | 2.83 | 1.5 | 1.5 | 2.83 | 1.31 | 1.455 | 8.66 | 4.055 | 3.6 | 198.8 |
| | ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 1 1/2" PEX | Q4752515 | 2.83 | 1.6 | 1.6 | 2.83 | 1.31 | 1.714 | 8.86 | 4.314 | 3.6 | 200 |
| | ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 2" PEX | Q4752520 | 2.83 | 2 | 2 | 2.83 | 1.26 | 2.157 | 9.66 | 4.707 | 3.6 | 193.2 |
| | ProPEX EP Reducing Tee, 3" PEX x 2" PEX x 2" PEX | Q4753220 | 3.38 | 2 | 2 | 2.157 | 1.55 | 2.157 | 9.537 | 5.244 | 4.2 | 69.9 |
| | ProPEX EP Reducing Tee, 3" PEX x 2 1/2" PEX x 1 | Q4753215 | 3.38 | 1.6 | 1.6 | 2.83 | 1.55 | 1.714 | 9.41 | 4.802 | 4.2 | 132.5 |

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| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1/2" PEX | | | | | | | | | | | |
| | ProPEX EP Reducing Tee, 3" PEX x 2 1/2" PEX x 2" PEX | Q4753252 | 3.38 | 2 | 2 | 2.83 | 1.55 | 2.157 | 10.21 | 5.244 | 4.2 | 133.2 |
| | ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 3/4" PEX | Q4753375 | 3.38 | 1.15 | 1.15 | 3.38 | 1.55 | 0.955 | 9.06 | 4.043 | 4.2 | 294.9 |
| | ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1" PEX | Q4753310 | 3.38 | 1.25 | 1.25 | 3.38 | 1.55 | 1.191 | 9.26 | 4.278 | 4.2 | 291.4 |
| | ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1 1/4" PEX | Q4753313 | 3.38 | 1.5 | 1.5 | 3.38 | 1.55 | 1.455 | 9.76 | 4.543 | 4.2 | 290.4 |
| | ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1 1/2" PEX | Q4753315 | 3.38 | 1.6 | 1.6 | 3.38 | 1.55 | 1.714 | 9.96 | 4.802 | 4.2 | 290.5 |
| | ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 2" PEX | Q4753320 | 3.38 | 2 | 2 | 3.38 | 1.55 | 2.157 | 10.76 | 5.244 | 4.2 | 287.6 |
| | ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 2 1/2" PEX | Q4753325 | 3.38 | 2.5 | 2.5 | 3.38 | 1.55 | 2.83 | 11.76 | 5.917 | 4.2 | 288.3 |
| | ProPEX EP Reducing Tee, 2" PEX x 1" PEX x 1" PEX | Q4752110 | 2.157 | 1.1 | 1.1 | 1.191 | 1.08 | 1.191 | 5.548 | 3.311 | 2.82 | 12.7 |

| | Part name | Part no. | Equivalent length branch [ft] | Equivalent length through [ft] | Cv Branch | End Type 1 | End Type 2 | End Type 3 | Prop 65 label required? | Weight per UOM [lbs/UOM] |
|---|---|---|---|---|---|---|---|---|---|---|
| | ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 3/4" PEX | Q4752575 | 6.2 | 4.9 | 8.4 | ProPEX 2" | ProPEX 1-1/2" | ProPEX 3/4" | - | 0.3 |
| ✔ | ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 1" PEX | Q4752051 | 8.4 | 5.5 | 13.9 | ProPEX 2" | ProPEX 1-1/2" | ProPEX 1" | - | 0.3 |
| | ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 1 1/4" PEX | Q4752053 | 10.3 | 5.6 | 22 | ProPEX 2" | ProPEX 1-1/2" | ProPEX 1-1/4" | - | 0.34 |
| | ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 1 1/2" PEX | Q4752055 | 13 | 5.4 | 28.5 | ProPEX 2" | ProPEX 1-1/2" | ProPEX 1-1/2" | - | 0.35 |
| | ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 2" PEX | Q4752152 | 16.1 | 6.6 | 51.8 | ProPEX 2" | ProPEX 1-1/2" | ProPEX 2" | - | 0.42 |
| | ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1/2" PEX | Q4752250 | 4 | 2.7 | 4.3 | ProPEX 2" | ProPEX 2" | ProPEX 1/2" | - | 0.28 |
| | ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 3/4" PEX | Q4752275 | 6.8 | 2.7 | 8.2 | ProPEX 2" | ProPEX 2" | ProPEX 3/4" | - | 0.34 |
| | ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1" PEX | Q4752210 | 8.5 | 2.4 | 13.8 | ProPEX 2" | ProPEX 2" | ProPEX 1" | - | 0.36 |
| | ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1 1/4" PEX | Q4752213 | 8.8 | 3.1 | 23.6 | ProPEX 2" | ProPEX 2" | ProPEX 1-1/4" | No | 0.37 |
| | ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1 1/2" PEX | Q4752215 | 11.7 | 2.5 | 29.9 | ProPEX 2" | ProPEX 2" | ProPEX 1-1/2" | No | 0.44 |
| | ProPEX EP Reducing Tee, 2 1/2" PEX x 2" PEX x 1 1/2" PEX | Q4752525 | 11.2 | 5.9 | 30.2 | ProPEX 2-1/2" | ProPEX 2" | ProPEX 1-1/2" | - | 0.65 |
| | ProPEX EP Reducing Tee, 2 1/2" PEX x 2" PEX x 2" PEX | Q4752522 | 16 | 5.7 | 51.8 | ProPEX 2-1/2" | ProPEX 2" | ProPEX 2" | - | 0.78 |
| | ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 3/4" PEX | Q4752557 | 6 | 2 | 8.5 | ProPEX 2-1/2" | ProPEX 2-1/2" | ProPEX 3/4" | - | 0.66 |
| | ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 1" PEX | Q4752510 | 5 | 2.4 | 17.5 | ProPEX 2-1/2" | ProPEX 2-1/2" | ProPEX 1" | - | 0.69 |
| | ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 1 1/4" PEX | Q4752513 | 9.7 | 2.5 | 22.4 | ProPEX 2-1/2" | ProPEX 2-1/2" | ProPEX 1-1/4" | - | 0.75 |
| | ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 1 1/2" PEX | Q4752515 | 11.5 | 2.5 | 29.8 | ProPEX 2-1/2" | ProPEX 2-1/2" | ProPEX 1-1/2" | - | 0.78 |
| | ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 2" PEX | Q4752520 | 14.7 | 2.7 | 53.6 | ProPEX 2-1/2" | ProPEX 2-1/2" | ProPEX 2" | - | 0.91 |
| | ProPEX EP Reducing Tee, 3" PEX x 2" PEX x 2" PEX | Q4753220 | 15.3 | 8.1 | 52.8 | ProPEX 3" | ProPEX 2" | ProPEX 2" | - | 1.1 |
| | ProPEX EP Reducing Tee, 3" PEX x 2 1/2" PEX x 1 1/2" PEX | Q4753215 | 10 | 7.5 | 29.2 | ProPEX 3" | ProPEX 2-1/2" | ProPEX 1-1/2" | - | 1.05 |
| | ProPEX EP Reducing Tee, 3" PEX x 2 1/2" PEX x 2" PEX | Q4753252 | 16.4 | 7.4 | 51.7 | ProPEX 3" | ProPEX 2-1/2" | ProPEX 2" | - | 1.22 |
| | ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 3/4" PEX | Q4753375 | 6 | 2.7 | 8.5 | ProPEX 3" | ProPEX 3" | ProPEX 3/4" | - | 1.07 |
| | ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1" PEX | Q4753310 | 7.3 | 2.8 | 14.8 | ProPEX 3" | ProPEX 3" | ProPEX 1" | - | 1.1 |
| | ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1 1/4" PEX | Q4753313 | 9.3 | 3 | 22.8 | ProPEX 3" | ProPEX 3" | ProPEX 1-1/4" | - | 1.18 |
| | ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1 1/2" PEX | Q4753315 | 11.3 | 2.9 | 29.9 | ProPEX 3" | ProPEX 3" | ProPEX 1-1/2" | - | 1.22 |

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| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 2" PEX | Q4753320 | 14.6 | 3 | 53.8 | ProPEX 3" | ProPEX 3" | ProPEX 2" | - | 1.38 |
| ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 2 1/2" PEX | Q4753325 | 22.2 | 3 | 82.2 | ProPEX 3" | ProPEX 3" | ProPEX 2-1/2" | - | 1.65 |
| ProPEX EP Reducing Tee, 2" PEX x 1" PEX x 1" PEX | Q4752110 | 16.1 | 6.6 | 19.7 | ProPEX 2" | ProPEX 1" | ProPEX 1" | - | 0.25 |

| Part name | Part no. | Codes | Standards | Listings |
|---|---|---|---|---|
| ProPEX EP reducing tees - 2in up | All | IMC | ASTM E119\|ASTM F877\|ASTM F1960\|CSA B137.5\|NSF/ANSI/CAN 61\|ASTM E84\|NSF/ANSI 14 | IAPMO-ES\|HUD MR 1269\|ICC-ES-PMG\|cNSFus-pw\|UL\|U.P.Code\|cQAIus P321 |
| In addition, the following parts have additional codes, standards, or listings: | | | | |
| ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 3/4" PEX | Q4752575 | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC | | |
| ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 1" PEX | Q4752051 | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC | ASTM E814 | |
| ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 1 1/4" PEX | Q4752053 | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC | ASTM E814 | |
| ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 1 1/2" PEX | Q4752055 | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC | ASTM E814 | |
| ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 2" PEX | Q4752152 | UPC\|IPC\|IBC\|IRC\|UMC\|NSPC\|NPC of Canada | ASTM E814 | |
| ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1/2" PEX | Q4752250 | UPC\|IPC\|IBC\|IRC\|UMC\|NSPC\|NPC of Canada | ASTM E814 | |
| ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 3/4" PEX | Q4752275 | UPC\|IPC\|IBC\|IRC\|UMC\|NSPC\|NPC of Canada | ASTM E814 | |
| ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1" PEX | Q4752210 | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC | ASTM E814 | |
| ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1 1/4" PEX | Q4752213 | UPC\|IPC\|IBC\|IRC\|UMC\|NSPC\|NPC of Canada | ASTM E814 | |
| ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1 1/2" PEX | Q4752215 | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC | ASTM E814 | |
| ProPEX EP Reducing Tee, 2 1/2" PEX x 2" PEX x 1 1/2" PEX | Q4752525 | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC | ASTM E814 | |
| ProPEX EP Reducing Tee, 2 1/2" PEX x 2" PEX x 2" PEX | Q4752522 | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC | ASTM E814 | |
| ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 3/4" PEX | Q4752557 | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC | ASTM E814 | |
| ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 1" PEX | Q4752510 | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC | ASTM E814 | |
| ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 1 1/4" PEX | Q4752513 | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC | ASTM E814 | |
| ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 1 1/2" PEX | Q4752515 | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC | ASTM E814 | |
| ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 2" PEX | Q4752520 | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC | ASTM E814 | |
| ProPEX EP Reducing Tee, 3" PEX x 2" PEX x 2" PEX | Q4753220 | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC | ASTM E814 | |
| ProPEX EP Reducing Tee, 3" PEX x 2 1/2" PEX x 1 1/2" PEX | Q4753215 | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC | ASTM E814 | |
| ProPEX EP Reducing Tee, 3" PEX x 2 1/2" PEX x 2" PEX | Q4753252 | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC | ASTM E814 | |
| ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 3/4" PEX | Q4753375 | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC | ASTM E814 | |
| ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1" PEX | Q4753310 | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC | ASTM E814 | |
| ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1 1/4" PEX | Q4753313 | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC | ASTM E814 | |
| ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1 1/2" PEX | Q4753315 | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC | ASTM E814 | |
| ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 2" PEX | Q4753320 | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC | ASTM E814 | |
| ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 2 1/2" PEX | Q4753325 | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC | ASTM E814 | |

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| Installation | Related applications |
| --- | --- |
| Use the appropriate ProPEX ring for PEX-a tubing. Refer to the Uponor Piping Pocket Guide, AquaSAFE™ Residential Fire Sprinkler Installation Guide or Uponor Radiant Installation Handbook for additional information. | PEX-a Plumbing Systems<br>Hydronic Radiant Heating and Cooling Systems<br>Turf Conditioning Systems<br>Permafrost Prevention Systems |

| Footnotes | Contact information | |
| --- | --- | --- |
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