

ProPEX EP reducing tees - up to 1.5in

Project Information

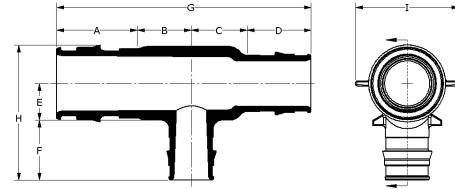
| | |
|--------------------------------|-----------------|
| Job name: | Location: |
| Engineer: | Date submitted: |
| Contractor: | Submitted by: |
| Manufacturer's representative: | Approved by: |

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) |
| Prop 65 label required? | No |

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 - 2in and up](#)

| Part name | Part no. | A [inch] | B [inch] | C [inch] | D [inch] | E [inch] | F [inch] | G [inch] | H [inch] | I [inch] | Cv |
|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----|
| ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1 1/4" PEX | Q4751113 | 1.191 | 1 | 1 | 1.191 | 0.9 | 1.455 | 4.382 | 2.945 | 1.82 | - |
| ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX | Q4751150 | 1.191 | 0.7 | 0.7 | 1.191 | 0.65 | 0.719 | 3.782 | 1.959 | 1.48 | - |
| ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX | Q4751175 | 1.191 | 0.85 | 0.85 | 1.191 | 0.65 | 0.955 | 4.082 | 2.195 | 1.48 | - |
| ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 1" PEX | Q4751311 | 1.455 | 1.03 | 1.03 | 1.191 | 0.75 | 1.191 | 4.706 | 2.622 | 1.82 | - |
| ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 3/4" PEX | Q4751317 | 1.455 | 0.925 | 0.925 | 1.191 | 0.75 | 0.955 | 4.496 | 2.386 | 1.82 | - |
| ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1" PEX | Q4751331 | 1.455 | 1.03 | 1.03 | 1.455 | 0.75 | 1.191 | 4.97 | 2.622 | 1.82 | - |
| ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 3/4" PEX | Q4751337 | 1.455 | 0.9 | 0.9 | 1.455 | 0.75 | 0.955 | 4.71 | 2.386 | 1.82 | - |
| ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1/2" PEX | Q4751350 | 1.455 | 0.75 | 0.75 | 1.455 | 0.83 | 0.719 | 4.41 | 2.199 | 1.82 | - |
| ProPEX EP Reducing Tee, 1 1/4" PEX x 3/4" PEX x 1" PEX | Q4751371 | 1.455 | 1.06 | 0.9 | 0.955 | 0.75 | 1.191 | 4.37 | 2.622 | 1.82 | - |
| ProPEX EP Reducing Tee, 1 1/4" PEX x 3/4" PEX x 1 1/4" PEX | Q4751373 | 1.455 | 1.2 | 1 | 0.955 | 0.75 | 1.455 | 4.61 | 2.886 | 1.82 | - |
| ProPEX EP Reducing Tee, 1 1/4" PEX x 3/4" PEX x 3/4" PEX | Q4751377 | 1.455 | 0.9 | 0.8 | 0.955 | 0.75 | 0.955 | 4.11 | 2.386 | 1.82 | - |
| ProPEX EP Reducing Tee, 1" PEX x 1/2" PEX x 1" PEX | Q4751501 | 1.191 | 1 | 0.8 | 0.719 | 0.65 | 1.191 | 3.71 | 2.431 | 1.48 | - |
| ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 1 1/2" PEX | Q4751505 | 1.714 | 1.25 | 1.25 | 1.191 | 0.94 | 1.714 | 5.405 | 3.434 | 2.07 | - |
| ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 1" PEX | Q4751511 | 1.714 | 1.1 | 1.1 | 1.191 | 0.9 | 1.191 | 5.105 | 2.839 | 2.07 | - |
| ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 3/4" PEX | Q4751517 | 1.714 | 1.17 | 1.17 | 1.191 | 1.11 | 0.955 | 5.245 | 3.064 | 1.998 | - |
| ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/4" PEX x 1" PEX | Q4751531 | 1.714 | 1.05 | 1.05 | 1.455 | 0.85 | 1.191 | 5.269 | 2.789 | 2.07 | - |
| ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/4" PEX x 1 1/4" PEX | Q4751533 | 1.714 | 1.15 | 1.15 | 1.455 | 0.85 | 1.455 | 5.469 | 3.052 | 2.07 | - |
| ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/4" PEX x 3/4" PEX | Q4751537 | 1.714 | 0.9 | 0.9 | 1.455 | 0.85 | 0.955 | 4.969 | 2.552 | 2.07 | - |
| ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 1/2" PEX | Q4751550 | 1.714 | 0.75 | 0.75 | 1.714 | 0.83 | 0.719 | 4.928 | 2.299 | 2.07 | - |
| ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 1" PEX | Q4751551 | 1.714 | 1 | 1 | 1.714 | 0.85 | 1.191 | 5.428 | 2.791 | 2.07 | - |
| ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 1 1/4" PEX | Q4751553 | 1.714 | 1.15 | 1.15 | 1.714 | 0.85 | 1.455 | 5.728 | 3.055 | 2.07 | - |
| ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 3/4" PEX | Q4751557 | 1.714 | 0.925 | 0.925 | 1.714 | 0.85 | 0.955 | 5.278 | 2.555 | 2.07 | - |

| PEX | | | | | | | | | | | | |
|--|----------|-------|-------|-------|-------|------|-------|-------|-------|------|-----|--|
| ProPEX EP Reducing Tee, 1 1/2" PEX x 3/4" PEX x 1 1/2" PEX | Q4751575 | 1.714 | 1.3 | 1 | 0.955 | 0.9 | 1.714 | 4.969 | 3.394 | 2.07 | - | |
| ProPEX EP Reducing Tee, 1 1/2" PEX x 3/4" PEX x 3/4" PEX | Q4751577 | 1.714 | 0.9 | 0.8 | 0.955 | 0.9 | 0.955 | 4.369 | 2.635 | 2.07 | - | |
| ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1/2" PEX | Q4751750 | 1.191 | 0.75 | 0.75 | 0.955 | 0.65 | 0.719 | 3.646 | 1.959 | 1.48 | - | |
| ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX | Q4751751 | 1.191 | 0.925 | 0.925 | 0.955 | 0.65 | 1.191 | 3.996 | 2.431 | 1.48 | - | |
| ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1 1/4" PEX | Q4751753 | 1.191 | 1 | 1 | 0.955 | 0.9 | 1.455 | 4.146 | 2.945 | 1.82 | - | |
| ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX | Q4751775 | 1.191 | 0.775 | 0.775 | 0.955 | 0.65 | 0.955 | 3.696 | 2.195 | 1.48 | - | |
| ProPEX EP Reducing Tee, 1/2" PEX x 1/2" PEX x 3/4" PEX | Q4755575 | 0.719 | 0.71 | 0.71 | 0.719 | 0.5 | 0.955 | 2.858 | 1.765 | 0.87 | - | |
| ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX | Q4757550 | 0.955 | 0.69 | 0.69 | 0.955 | 0.54 | 0.719 | 3.29 | 1.696 | 1.22 | - | |
| ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 1/2" PEX | Q4757555 | 0.955 | 0.7 | 0.7 | 0.719 | 0.52 | 0.719 | 3.074 | 1.676 | 1.22 | - | |
| ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 3/4" PEX | Q4757557 | 0.955 | 0.7 | 0.7 | 0.719 | 0.52 | 0.955 | 3.074 | 1.913 | 1.22 | - | |
| ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 5/8" PEX | Q4757563 | 0.955 | 0.69 | 0.69 | 0.955 | 0.54 | 0.876 | 3.29 | 1.856 | 1.18 | - | |
| ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX | Q4757710 | 0.955 | 0.865 | 0.865 | 0.955 | 0.69 | 1.191 | 3.64 | 1.881 | 1.18 | 2.6 | |

| Part name | Part no. | Cv Through | Weight per UOM [lbs/UOM] | Equivalent length branch [ft] | Equivalent length through [ft] | Cv Branch | End Type 1 | End Type 2 | End Type 3 |
|--|----------|------------|--------------------------|-------------------------------|--------------------------------|-----------|---------------|---------------|---------------|
| ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1 1/4" PEX | Q4751113 | 15 | 0.13 | 6.5 | 1.2 | - | ProPEX 1" | ProPEX 1" | ProPEX 1-1/4" |
| ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX | Q4751150 | 32.2 | 0.08 | 6.5 | 1.2 | - | ProPEX 1" | ProPEX 1" | ProPEX 1/2" |
| ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX | Q4751175 | 27.8 | 0.09 | 6.4 | 1.7 | - | ProPEX 1" | ProPEX 1" | ProPEX 3/4" |
| ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 1" PEX | Q4751311 | 11.7 | 0.12 | 23 | 11 | - | ProPEX 1-1/4" | ProPEX 1" | ProPEX 1" |
| ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 3/4" PEX | Q4751317 | 21 | 0.11 | 5.2 | 3.4 | - | ProPEX 1-1/4" | ProPEX 1" | ProPEX 3/4" |
| ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1" PEX | Q4751331 | 33 | 0.14 | 6.3 | 4.2 | - | ProPEX 1-1/4" | ProPEX 1-1/4" | ProPEX 1" |
| ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 3/4" PEX | Q4751337 | 43.4 | 0.13 | 5.7 | 2.3 | - | ProPEX 1-1/4" | ProPEX 1-1/4" | ProPEX 3/4" |
| ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1/2" PEX | Q4751350 | 45.2 | 0.1 | 3.9 | 1.9 | - | ProPEX 1-1/4" | ProPEX 1-1/4" | ProPEX 1/2" |
| ProPEX EP Reducing Tee, 1 1/4" PEX x 3/4" PEX x 1" PEX | Q4751371 | 13.9 | 0.11 | 11.91 | - | - | ProPEX 1-1/4" | ProPEX 3/4" | ProPEX 1" |
| ProPEX EP Reducing Tee, 1 1/4" PEX x 3/4" PEX x 1 1/4" PEX | Q4751373 | 18.8 | 0.13 | 7.41 | - | - | ProPEX 1-1/4" | ProPEX 3/4" | ProPEX 1-1/4" |
| ProPEX EP Reducing Tee, 1 1/4" PEX x 3/4" PEX x 3/4" PEX | Q4751377 | 7.3 | 0.09 | 9.7 | - | - | ProPEX 1-1/4" | ProPEX 3/4" | ProPEX 3/4" |
| ProPEX EP Reducing Tee, 1" PEX x 1/2" PEX x 1" PEX | Q4751501 | 12.3 | 0.09 | 14.9 | 4.2 | - | ProPEX 1" | ProPEX 1/2" | ProPEX 1" |
| ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 1 1/2" PEX | Q4751505 | 19 | 0.2 | 14.9 | 4.2 | - | ProPEX 1-1/2" | ProPEX 1" | ProPEX 1-1/2" |
| ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 1" PEX | Q4751511 | 18.9 | 0.18 | 6.5 | 4.3 | - | ProPEX 1-1/2" | ProPEX 1" | ProPEX 1" |
| ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 3/4" PEX | Q4751517 | 19.5 | 0.17 | 5.1 | 4 | - | ProPEX 1-1/2" | ProPEX 1" | ProPEX 3/4" |
| ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/4" PEX x 1" PEX | Q4751531 | 36.4 | 0.19 | 13.1 | 3.1 | - | ProPEX 1-1/2" | ProPEX 1-1/4" | ProPEX 1" |
| ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/4" PEX x 1 1/4" PEX | Q4751533 | 45.4 | 0.21 | 17.7 | 2 | - | ProPEX 1-1/2" | ProPEX 1-1/4" | ProPEX 1-1/4" |
| ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/4" PEX x 3/4" PEX | Q4751537 | 33.1 | 0.18 | 11.3 | 4.2 | - | ProPEX 1-1/2" | ProPEX 1-1/4" | ProPEX 3/4" |
| ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 1/2" PEX | Q4751550 | 60.5 | 0.14 | 6.3 | 2.4 | - | ProPEX 1-1/2" | ProPEX 1-1/2" | ProPEX 1/2" |
| ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 1" PEX | Q4751551 | 53.8 | 0.21 | 6.9 | 3.1 | - | ProPEX 1-1/2" | ProPEX 1-1/2" | ProPEX 1" |
| ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 1 1/4" PEX | Q4751553 | 54.3 | 0.22 | 4.1 | 3.2 | - | ProPEX | ProPEX | ProPEX |

| PEX | | | | | | | | 1-1/2" | 1-1/2" | 1-1/4" |
|--|----------|------|------|------|-----|---|---|---------------|---------------|---------------|
| ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 3/4" PEX | Q4751557 | 56 | 0.2 | 5.4 | 2.9 | - | - | ProPEX 1-1/2" | ProPEX 1-1/2" | ProPEX 3/4" |
| ProPEX EP Reducing Tee, 1 1/2" PEX x 3/4" PEX x 1 1/2" PEX | Q4751575 | 22.9 | 0.19 | 7.41 | - | - | - | ProPEX 1-1/2" | ProPEX 3/4" | ProPEX 1-1/2" |
| ProPEX EP Reducing Tee, 1 1/2" PEX x 3/4" PEX x 3/4" PEX | Q4751577 | 7.3 | 0.13 | 6.69 | - | - | - | ProPEX 1-1/2" | ProPEX 3/4" | ProPEX 3/4" |
| ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1/2" PEX | Q4751750 | 3.1 | 0.07 | 15.1 | 2.4 | - | - | ProPEX 1" | ProPEX 3/4" | ProPEX 1/2" |
| ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX | Q4751751 | 12.9 | 0.08 | 15.1 | 2.4 | - | - | ProPEX 1" | ProPEX 3/4" | ProPEX 1" |
| ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1 1/4" PEX | Q4751753 | 14.7 | 0.12 | 16.7 | 2.4 | - | - | ProPEX 1" | ProPEX 3/4" | ProPEX 1-1/4" |
| ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX | Q4751775 | 12.8 | 0.08 | 16.7 | 2.4 | - | - | ProPEX 1" | ProPEX 3/4" | ProPEX 3/4" |
| ProPEX EP Reducing Tee, 1/2" PEX x 1/2" PEX x 3/4" PEX | Q4755575 | 7.7 | 0.03 | 15.6 | 1 | - | - | ProPEX 1/2" | ProPEX 1/2" | ProPEX 3/4" |
| ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX | Q4757550 | 14.2 | 0.04 | 7.6 | 2 | - | - | ProPEX 3/4" | ProPEX 3/4" | ProPEX 1/2" |
| ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 1/2" PEX | Q4757555 | 4.6 | 0.04 | 6.4 | 3.5 | - | - | ProPEX 3/4" | ProPEX 1/2" | ProPEX 1/2" |
| ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 3/4" PEX | Q4757557 | 5.4 | 0.04 | 16.1 | 2.3 | - | - | ProPEX 3/4" | ProPEX 1/2" | ProPEX 3/4" |
| ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 5/8" PEX | Q4757563 | 15.7 | 0.05 | 15.6 | 1.5 | - | - | ProPEX 3/4" | ProPEX 3/4" | ProPEX 5/8" |
| ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX | Q4757710 | 15.7 | 0.08 | 5.76 | 1.5 | - | - | ProPEX 3/4" | ProPEX 3/4" | ProPEX 1" |

| 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 Hydronic Radiant Heating and Cooling Systems Turf Conditioning Systems Permafrost Prevention Systems |

| Codes | Standards | Listings |
|--|---|--|
| IMC UPC IBC IRC IPC NPC of Canada UMC* | ASTM F1960 ASTM E119 UL 263 ASTM E84 ASTM E814 ULC S115 ASTM F877 CSA B137.5 ULC S102.2 NSF-61 ULC S101 NSF-14* | IAPMO-ES ICC-ES-PMG cNSFus-pw UL U.P.Code cQAlus P321 HUD MR 1269* |

| Footnotes | Contact information |
|--|---|
| - * Some SKUs in this family have additional codes, standards, or listings. Please see uponor.com for complete 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 |