# Commercial EP branch multi-port tees

## Project information

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

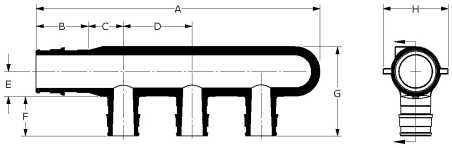
## Technical data

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|---|---|
| Material | Engineered Polymer |
| 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) |

## Product information and application use

Commercial engineered polymer (EP) branch multi-port tees feature an integrated ¾" or 1" ProPEX® inlet with ½" ProPEX branch outlets, or a 1¼" ProPEX® inlet with ¾" ProPEX branch outlets. 1 Designed for commercial plumbing applications, they eliminate the need for multiple connections. The ¾" and 1" multiport tees come with mounting clips featuring Phillips self-tapping screws

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 [mm] | B [mm] | C [mm] | D [mm] | E [mm] | F [mm] | G [mm] | H [mm] | Subcomponent Material | End Type 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1/4" EP Branch Multi-port Tee, 3 (3/4") outlets | Q2231375 | 173.86 | 36.70 | 22.86 | 44.45 | 17.78 | 24.26 | 59.33 | 46.23 | - | ProPEX 1-1/4" |
| ✔ | 3/4" EP Branch Multi-port Tee, 7 (1/2") outlets with mounting clips | Q2277550 | 219.84 | 24.26 | 27.94 | 22.86 | 16.51 | 18.26 | 52.17 | 44.91 | Body: Engineered Plastic Mounting clip: Polyethylene Screws: Carbon steel | ProPEX 3/4" |
| | 3/4" EP Branch Multi-port Tee, 8 (1/2") outlets with mounting clips | Q2287550 | 242.70 | 24.26 | 27.94 | 22.86 | 16.51 | 18.26 | 52.17 | 44.91 | Body: Engineered Plastic Mounting clip: Polyethylene Screws: Carbon steel | ProPEX 3/4" |
| | 1" EP Branch Multi-port Tee, 7 (1/2") outlets with mounting clips | Q2271051 | 225.83 | 30.25 | 27.94 | 22.86 | 16.51 | 18.26 | 52.17 | 44.91 | Material of ¾" and 1" multi-port tee: Engineered polymer (EP) Material of mounting clip (¾" and 1" only): Polyethylene (HDPE), black Material of screw (¾" and 1" only): Carbon steel Material of 1¼" mu | ProPEX 1" |
| | 1" EP Branch Multi-port Tee, 8 (1/2") outlets with mounting clips | Q2281051 | 248.69 | 30.25 | 27.94 | 22.86 | 16.51 | 18.26 | 52.17 | 44.91 | Body: Engineered Plastic Mounting clip: Polyethylene Screws: Carbon steel | ProPEX 1" |
| | 1" EP Branch Multi-port Tee, 10 (1/2") outlets with mounting clips | Q2101051 | 294.41 | 30.25 | 27.94 | 22.86 | 16.51 | 18.26 | 52.17 | 44.91 | Body: Engineered Plastic Mounting clip: Polyethylene Screws: Carbon steel | ProPEX 1" |
| | 1" EP Branch Multi-port Tee, 12 (1/2") outlets with mounting clips | Q2121051 | 340.13 | 30.25 | 27.94 | 22.86 | 16.51 | 18.26 | 52.17 | 44.91 | Body: Engineered Plastic Mounting clip: Polyethylene Screws: Carbon | ProPEX 1" |

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| | Part name | Part no. | End Type 2 | End Type 3 | Weight per UOM [kg/UOM] |
|---|---|---|---|---|---|
| | 1 1/4" EP Branch Multi-port Tee, 3 (3/4") outlets | Q2231375 | ProPEX 3/4" | ProPEX 3/4" | 0.1 |
| ✔ | 3/4" EP Branch Multi-port Tee, 7 (1/2") outlets with mounting clips | Q2277550 | ProPEX 1/2" | - | 0.148 |
| | 3/4" EP Branch Multi-port Tee, 8 (1/2") outlets with mounting clips | Q2287550 | ProPEX 1/2" | - | 0.198 |
| | 1" EP Branch Multi-port Tee, 7 (1/2") outlets with mounting clips | Q2271051 | ProPEX 1/2" | - | 0.15 |
| | 1" EP Branch Multi-port Tee, 8 (1/2") outlets with mounting clips | Q2281051 | ProPEX 1/2" | - | 0.204 |
| | 1" EP Branch Multi-port Tee, 10 (1/2") outlets with mounting clips | Q2101051 | ProPEX 1/2" | - | 0.227 |
| | 1" EP Branch Multi-port Tee, 12 (1/2") outlets with mounting clips | Q2121051 | ProPEX 1/2" | - | 0.229 |

| Part name | Part no. | Codes | Standards | Listings |
|---|---|---|---|---|
| Commercial EP branch multi-port tees | All | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC\|IMC | ASTM E814/ULC S115\|ASTM F877\|ASTM F1960\|CSA B137.5\|ULC S102.2\|ASTM E119/UL 263\|ULC S101 | 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: | | | | |
| 1 1/4" EP Branch Multi-port Tee, 3 (3/4") outlets | Q2231375 | | NSF-61\|NSF-14 | |
| 3/4" EP Branch Multi-port Tee, 7 (1/2") outlets with mounting clips | Q2277550 | | NSF-61\|NSF-14 | |
| 3/4" EP Branch Multi-port Tee, 8 (1/2") outlets with mounting clips | Q2287550 | | NSF/ANSI/CAN 61\|NSF/ANSI 14 | |
| 1" EP Branch Multi-port Tee, 7 (1/2") outlets with mounting clips | Q2271051 | | NSF/ANSI/CAN 61\|NSF/ANSI 14 | |
| 1" EP Branch Multi-port Tee, 8 (1/2") outlets with mounting clips | Q2281051 | | NSF-61\|NSF-14 | |
| 1" EP Branch Multi-port Tee, 10 (1/2") outlets with mounting clips | Q2101051 | | NSF-61\|NSF-14 | |
| 1" EP Branch Multi-port Tee, 12 (1/2") outlets with mounting clips | Q2121051 | | NSF-61\|NSF-14 | |

## Installation

The ¾" and 1" multi-port tees feature mounting clips with self-tapping screws, which are appropriate for wood or metal studs. Simply attach the clips to the multi-port tee and fasten the clips to the mounting surface. For the 1¼" multi-port tee, mount the tee by securing all adjoining PEX pipes to the framing or support structure within 6" of each ProPEX connection. For more information, refer to the Uponor Piping Pocket Guide.

## Related applications

PEX-a Plumbing Systems

## Notes

Maximum multi-port tee flow for 3/4" inlet: 8.8 gpm at 8 fps, 13.2 gpm at 12 fps
Maximum multi-port tee flow for 1" inlet: 14.5 gpm at 8 fps, 21.8 gpm at 12 fps
Maximum multi-port tee flow for 1-1/4

Maximum multi-port tee flow for ¾" inlet: 8.8 gpm at 8 fps, 13.2 gpm at 12 fps
Maximum multi-port tee flow for 1" inlet: 14.5 gpm at 8 fps, 21.8 gpm at 12 fps
Maximum multi-port tee flow for 1¼" inl

## Footnotes

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## Contact information

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