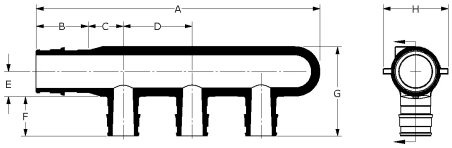
Commercial EP branch multi-port tees

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

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 [inch]	B [inch]	C [inch]	D [inch]	E [inch]	F [inch]	G [inch]	H [inch]	Subcomponent Material	End Type 1
	1 1/4" EP Branch Multi-port Tee, 3 (3/4") outlets	Q2231375	6.845	1.445	0.9	1.75	0.7	0.955	2.336	1.82	-	ProPEX 1-1/4"
	3/4" EP Branch Multi-port Tee, 7 (1/2") outlets with mounting clips	Q2277550	8.655	0.955	1.1	0.9	0.65	0.719	2.054	1.768	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	9.555	0.955	1.1	0.9	0.65	0.719	2.054	1.768	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	8.891	1.191	1.1	0.9	0.65	0.719	2.054	1.768	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	9.791	1.191	1.1	0.9	0.65	0.719	2.054	1.768	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	11.591	1.191	1.1	0.9	0.65	0.719	2.054	1.768	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	13.391	1.191	1.1	0.9	0.65	0.719	2.054	1.768	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 [lbs/UOM]
	1 1/4" EP Branch Multi-port Tee, 3 (3/4") outlets	Q2231375	ProPEX 3/4"	ProPEX 3/4"	0.22
	3/4" EP Branch Multi-port Tee, 7 (1/2") outlets with mounting clips	Q2277550	ProPEX 1/2"	-	0.33
✔	3/4" EP Branch Multi-port Tee, 8 (1/2") outlets with mounting clips	Q2287550	ProPEX 1/2"	-	0.44
	1" EP Branch Multi-port Tee, 7 (1/2") outlets with mounting clips	Q2271051	ProPEX 1/2"	-	0.33
	1" EP Branch Multi-port Tee, 8 (1/2") outlets with mounting clips	Q2281051	ProPEX 1/2"	-	0.45
	1" EP Branch Multi-port Tee, 10 (1/2") outlets with mounting clips	Q2101051	ProPEX 1/2"	-	0.5
	1" EP Branch Multi-port Tee, 12 (1/2") outlets with mounting clips	Q2121051	ProPEX 1/2"	-	0.5

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	Related applications
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.	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	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

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