

ProPEX EP reducing tees - up to 1.5in

Project information

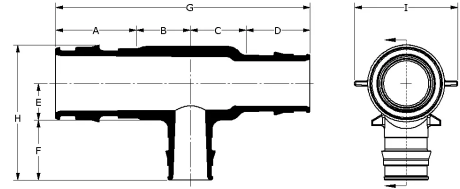
Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

Technical data

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.1 Note: Branch size is listed last in the part descriptions.



Related: [ProPEX EP reducing tees - 2in and up](#)

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]	I [mm]	Cv Through
ProPEX EP Reducing Tee, 1/2" PEX x 1/2" PEX x 3/4" PEX	Q4755575	18.26	18.03	18.03	18.26	12.70	24.26	72.59	44.82	22.10	7.7
ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 1/2" PEX	Q4757555	24.26	17.78	17.78	18.26	13.21	18.26	78.08	42.58	30.99	4.6
ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	Q4757550	24.26	17.53	17.53	24.26	13.72	18.26	83.57	43.09	30.99	14.2
ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 5/8" PEX	Q4757563	24.26	17.53	17.53	24.26	13.72	22.25	83.57	47.14	29.97	15.7
ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	Q4757710	24.26	21.97	21.97	24.26	17.53	30.25	92.46	47.78	29.97	15.7
ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	Q4751775	30.25	19.69	19.69	24.26	16.51	24.26	93.88	55.75	37.59	12.8
ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	Q4751751	30.25	23.50	23.50	24.26	16.51	30.25	101.50	61.75	37.59	12.9
ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	Q4751150	30.25	17.78	17.78	30.25	16.51	18.26	96.06	49.76	37.59	32.2
ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	Q4751175	30.25	21.59	21.59	30.25	16.51	24.26	103.68	55.75	37.59	27.8
ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 3/4" PEX	Q4751317	36.96	23.50	23.50	30.25	19.05	24.26	114.20	60.60	46.23	21
ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 1" PEX	Q4751311	36.96	26.16	26.16	30.25	19.05	30.25	119.53	66.60	46.23	11.7
ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1/2" PEX	Q4751350	36.96	19.05	19.05	36.96	21.08	18.26	112.01	55.85	46.23	45.2
ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 3/4" PEX	Q4751337	36.96	22.86	22.86	36.96	19.05	24.26	119.63	60.60	46.23	43.4
ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1" PEX	Q4751331	36.96	26.16	26.16	36.96	19.05	30.25	126.24	66.60	46.23	33
ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 3/4" PEX	Q4751517	43.54	27.94	27.94	30.25	22.86	24.26	129.67	66.10	52.58	19.5
ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 1" PEX	Q4751511	43.54	27.94	27.94	30.25	22.86	30.25	129.67	72.10	52.58	18.9
ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 1 1/2" PEX	Q4751505	43.54	31.75	31.75	30.25	23.88	43.54	137.29	87.22	52.58	19
ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/4" PEX x 3/4" PEX	Q4751537	43.54	22.86	22.86	36.96	21.59	24.26	126.21	64.83	52.58	33.1
ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/4" PEX x 1" PEX	Q4751531	43.54	26.67	26.67	36.96	21.59	30.25	133.83	70.83	52.58	36.4

PEX												
ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/4" PEX x 1 1/4" PEX	Q4751533	43.54	29.21	29.21	36.96	21.59	36.96	138.91	77.53	52.58	45.4	
ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 1/2" PEX	Q4751550	43.54	19.05	19.05	43.54	21.08	18.26	125.17	58.39	52.58	60.5	
ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 3/4" PEX	Q4751557	43.54	23.50	23.50	43.54	21.59	24.26	134.06	64.90	52.58	56	
ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 1" PEX	Q4751551	43.54	25.40	25.40	43.54	21.59	30.25	137.87	70.89	52.58	53.8	
ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 1 1/4" PEX	Q4751553	43.54	29.21	29.21	43.54	21.59	36.96	145.49	77.60	52.58	54.3	
ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 3/4" PEX	Q4757557	24.26	17.78	17.78	18.26	13.21	24.26	78.08	48.58	30.99	5.4	
ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1 1/4" PEX	Q4751113	30.25	25.40	25.40	30.25	22.86	36.96	111.30	74.80	46.23	15	
ProPEX EP Reducing Tee, 1 1/4" PEX x 3/4" PEX x 1" PEX	Q4751371	36.96	26.92	22.86	24.26	19.05	30.25	111	66.60	46.23	13.9	
ProPEX EP Reducing Tee, 1 1/4" PEX x 3/4" PEX x 1 1/4" PEX	Q4751373	36.96	30.48	25.40	24.26	19.05	36.96	117.09	73.30	46.23	18.8	
ProPEX EP Reducing Tee, 1 1/4" PEX x 3/4" PEX x 3/4" PEX	Q4751377	36.96	22.86	20.32	24.26	19.05	24.26	104.39	60.60	46.23	7.3	
ProPEX EP Reducing Tee, 1" PEX x 1/2" PEX x 1" PEX	Q4751501	30.25	25.40	20.32	18.26	16.51	30.25	94.23	61.75	37.59	12.3	
ProPEX EP Reducing Tee, 1 1/2" PEX x 3/4" PEX x 1 1/2" PEX	Q4751575	43.54	33.02	25.40	24.26	22.86	43.54	126.21	86.21	52.58	22.9	
ProPEX EP Reducing Tee, 1 1/2" PEX x 3/4" PEX x 3/4" PEX	Q4751577	43.54	22.86	20.32	24.26	22.86	24.26	110.97	66.93	52.58	7.3	
ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1/2" PEX	Q4751750	30.25	19.05	19.05	24.26	16.51	18.26	92.61	49.76	37.59	3.1	
ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1 1/4" PEX	Q4751753	30.25	25.40	25.40	24.26	22.86	36.96	105.31	74.80	46.23	14.7	

Part name	Part no.	Material group	Cv Branch	End Type 1	End Type 2	End Type 3	Prop 65 label required?	Weight per UOM [kg/UOM]
ProPEX EP Reducing Tee, 1/2" PEX x 1/2" PEX x 3/4" PEX	Q4755575	Engineered Polymer	5.4	ProPEX 1/2"	ProPEX 1/2"	ProPEX 3/4"	-	0.014
ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 1/2" PEX	Q4757555	Engineered Polymer	3.4	ProPEX 3/4"	ProPEX 1/2"	ProPEX 1/2"	-	0.018
ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	Q4757550	Engineered Polymer	3.1	ProPEX 3/4"	ProPEX 3/4"	ProPEX 1/2"	-	0.018
ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 5/8" PEX	Q4757563	Engineered Polymer	5.4	ProPEX 3/4"	ProPEX 3/4"	ProPEX 5/8"	-	0.023
ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	Q4757710	Engineered Polymer	8.7	ProPEX 3/4"	ProPEX 3/4"	ProPEX 1"	-	0.036
ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	Q4751775	Engineered Polymer	5.3	ProPEX 1"	ProPEX 3/4"	ProPEX 3/4"	-	0.036
ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	Q4751751	Engineered Polymer	10.5	ProPEX 1"	ProPEX 3/4"	ProPEX 1"	-	0.036
ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	Q4751150	Engineered Polymer	3.4	ProPEX 1"	ProPEX 1"	ProPEX 1/2"	-	0.036
ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	Q4751175	Engineered Polymer	8.2	ProPEX 1"	ProPEX 1"	ProPEX 3/4"	-	0.041
ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 3/4" PEX	Q4751317	Engineered Polymer	9.3	ProPEX 1-1/4"	ProPEX 1"	ProPEX 3/4"	-	0.05
ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 1" PEX	Q4751311	Engineered Polymer	8.4	ProPEX 1-1/4"	ProPEX 1"	ProPEX 1"	-	0.054
ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1/2" PEX	Q4751350	Engineered Polymer	4.1	ProPEX 1-1/4"	ProPEX 1-1/4"	ProPEX 1/2"	-	0.045
ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 3/4" PEX	Q4751337	Engineered Polymer	8.9	ProPEX 1-1/4"	ProPEX 1-1/4"	ProPEX 3/4"	-	0.059
ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1" PEX	Q4751331	Engineered Polymer	15.8	ProPEX 1-1/4"	ProPEX 1-1/4"	ProPEX 1"	No	0.064
ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 3/4" PEX	Q4751517	Engineered Polymer	9.3	ProPEX 1-1/2"	ProPEX 1"	ProPEX 3/4"	-	0.077
ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 1" PEX	Q4751511	Engineered Polymer	15.6	ProPEX 1-1/2"	ProPEX 1"	ProPEX 1"	-	0.082
ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 1 1/2" PEX	Q4751505	Engineered Polymer	26.5	ProPEX 1-1/2"	ProPEX 1"	ProPEX 1-1/2"	-	0.091

ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/4" PEX x 3/4" PEX	Q4751537	Engineered Polymer	6.3	ProPEX 1-1/2"	ProPEX 1-1/4"	ProPEX 3/4"	No	0.082
ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/4" PEX x 1" PEX	Q4751531	Engineered Polymer	11.2	ProPEX 1-1/2"	ProPEX 1-1/4"	ProPEX 1"	No	0.086
ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/4" PEX x 1 1/4" PEX	Q4751533	Engineered Polymer	17	ProPEX 1-1/2"	ProPEX 1-1/4"	ProPEX 1-1/4"	No	0.095
ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 1/2" PEX	Q4751550	Engineered Polymer	3.4	ProPEX 1-1/2"	ProPEX 1-1/2"	ProPEX 1/2"	-	0.064
ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 3/4" PEX	Q4751557	Engineered Polymer	9	ProPEX 1-1/2"	ProPEX 1-1/2"	ProPEX 3/4"	-	0.091
ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 1" PEX	Q4751551	Engineered Polymer	15.3	ProPEX 1-1/2"	ProPEX 1-1/2"	ProPEX 1"	No	0.095
ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 1 1/4" PEX	Q4751553	Engineered Polymer	33.7	ProPEX 1-1/2"	ProPEX 1-1/2"	ProPEX 1-1/4"	-	0.1
ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 3/4" PEX	Q4757557	Engineered Polymer	5.4	ProPEX 3/4"	ProPEX 1/2"	ProPEX 3/4"	-	0.018
ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1 1/4" PEX	Q4751113	Engineered Polymer	28	ProPEX 1"	ProPEX 1"	ProPEX 1-1/4"	-	0.059
ProPEX EP Reducing Tee, 1 1/4" PEX x 3/4" PEX x 1" PEX	Q4751371	-	12.1	ProPEX 1-1/4"	ProPEX 3/4"	ProPEX 1"	-	0.05
ProPEX EP Reducing Tee, 1 1/4" PEX x 3/4" PEX x 1 1/4" PEX	Q4751373	-	12	ProPEX 1-1/4"	ProPEX 3/4"	ProPEX 1-1/4"	-	0.059
ProPEX EP Reducing Tee, 1 1/4" PEX x 3/4" PEX x 3/4" PEX	Q4751377	-	12	ProPEX 1-1/4"	ProPEX 3/4"	ProPEX 3/4"	-	0.041
ProPEX EP Reducing Tee, 1" PEX x 1/2" PEX x 1" PEX	Q4751501	Engineered Polymer	5.7	ProPEX 1"	ProPEX 1/2"	ProPEX 1"	-	0.041
ProPEX EP Reducing Tee, 1 1/2" PEX x 3/4" PEX x 1 1/2" PEX	Q4751575	-	12	ProPEX 1-1/2"	ProPEX 3/4"	ProPEX 1-1/2"	-	0.086
ProPEX EP Reducing Tee, 1 1/2" PEX x 3/4" PEX x 3/4" PEX	Q4751577	-	11.7	ProPEX 1-1/2"	ProPEX 3/4"	ProPEX 3/4"	-	0.059
ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1/2" PEX	Q4751750	Engineered Polymer	13.2	ProPEX 1"	ProPEX 3/4"	ProPEX 1/2"	-	0.032
ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1 1/4" PEX	Q4751753	Engineered Polymer	12	ProPEX 1"	ProPEX 3/4"	ProPEX 1-1/4"	-	0.054

Part name	Part no.	Codes	Standards	Listings
ProPEX EP reducing tees - up to 1.5in	All	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/ANSI/CAN 61 ULC S101 NSF/ANSI 14	IAPMO-ES ICC-ES-PMG UL U.P.Code cQAlus P321 HUD MR 1269
In addition, the following parts have additional codes, standards, or listings:				
ProPEX EP Reducing Tee, 1/2" PEX x 1/2" PEX x 3/4" PEX	Q4755575	NSPC		cNSFus-pw
ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 1/2" PEX	Q4757555	NSPC		cNSFus-pw
ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	Q4757550	NSPC	UL 1821	cNSFus-pw-fs
ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 5/8" PEX	Q4757563	NSPC		cNSFus-pw
ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	Q4757710	NSPC	UL 1821	cNSFus-pw-fs
ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	Q4751775			cNSFus-pw-fs
ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	Q4751751			cNSFus-pw-fs
ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	Q4751150	NSPC	UL 1821	cNSFus-pw-fs
ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	Q4751175	NSPC	UL 1821	cNSFus-pw-fs
ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 3/4" PEX	Q4751317	NSPC	UL 1821	cNSFus-pw-fs
ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 1" PEX	Q4751311	NSPC	UL 1821	cNSFus-pw-fs
ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1/2" PEX	Q4751350	NSPC	UL 1821	cNSFus-pw-fs
ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 3/4" PEX	Q4751337	NSPC	UL 1821	cNSFus-pw-fs
ProPEX EP Reducing Tee, 1 1/4" PEX	Q4751331	NSPC	UL 1821	cNSFus-pw-fs

x 1 1/4" PEX x 1" PEX				
ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 3/4" PEX	Q4751517	NSPC		cNSFus-pw
ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 1" PEX	Q4751511	NSPC		cNSFus-pw
ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 1 1/2" PEX	Q4751505	NSPC		cNSFus-pw
ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/4" PEX x 3/4" PEX	Q4751537	NSPC		cNSFus-pw
ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/4" PEX x 1" PEX	Q4751531	NSPC		cNSFus-pw
ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/4" PEX x 1 1/4" PEX	Q4751533	NSPC		cNSFus-pw
ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 1/2" PEX	Q4751550	NSPC		cNSFus-pw
ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 3/4" PEX	Q4751557	NSPC		cNSFus-pw
ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 1" PEX	Q4751551	NSPC		cNSFus-pw
ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 1 1/4" PEX	Q4751553	NSPC		cNSFus-pw
ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 3/4" PEX	Q4757557	NSPC	UL 1821	cNSFus-pw-fs
ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1 1/4" PEX	Q4751113	NSPC	UL 1821	cNSFus-pw-fs
ProPEX EP Reducing Tee, 1 1/4" PEX x 3/4" PEX x 1" PEX	Q4751371	NSPC	UL 1821	cNSFus-pw-fs
ProPEX EP Reducing Tee, 1 1/4" PEX x 3/4" PEX x 1 1/4" PEX	Q4751373	NSPC	UL 1821	cNSFus-pw-fs
ProPEX EP Reducing Tee, 1 1/4" PEX x 3/4" PEX x 3/4" PEX	Q4751377	NSPC	UL 1821	cNSFus-pw-fs
ProPEX EP Reducing Tee, 1" PEX x 1/2" PEX x 1" PEX	Q4751501	NSPC		cNSFus-pw
ProPEX EP Reducing Tee, 1 1/2" PEX x 3/4" PEX x 1 1/2" PEX	Q4751575		UL 1821	cNSFus-pw
ProPEX EP Reducing Tee, 1 1/2" PEX x 3/4" PEX x 3/4" PEX	Q4751577		UL 1821	cNSFus-pw
ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1/2" PEX	Q4751750	NSPC		cNSFus-pw
ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1 1/4" PEX	Q4751753	NSPC		cNSFus-pw

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

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