

SKU: CPVT100-100-050

**1" x 1" x 1/2"**

**CTS Reducing Tee**



**Specifications:**

- **Type:** CTS (Copper Tube Size) CPVC fittings designed for hot and cold potable water distribution systems
- **Standard:** Manufactured in accordance with ASTM D2846 for CPVC plastic hot- and cold-water distribution systems
- **System Compatibility:** Suitable for use with SDR 11 and SDR 13.5 CPVC piping systems
- **Interchangeability:** Compatible with standard CTS CPVC piping systems and approved transition connections to copper tubing

**Applications:**

- Pressurized hot and cold water potable water systems
- Plumbing requiring CTS Compatibility
- Mechanical and HVAC Water Systems
- Continuous service up to 180°F (per CPVC system standards) ...see chart 1

**Product Offering and Dimensions:**

SKU	Nom Size	D1 (in)	d1 (in)	L1 (in)	h1 (in)	D2 (in)	d2 (in)	L2 (in)	H2 (in)	H (in)
CPVT075-075-050	3/4" x 3/4 x 1/2"	1.06	0.87	0.71	1.07	0.79	0.63	0.51	1.00	2.15
CPVT100-100-050	1" x 1" x 1/2"	1.35	1.13	0.91	1.28	0.79	0.63	0.51	1.13	2.55
CPVT100-100-075	1" x 1" x 3/4"	1.35	1.52	0.91	1.40	1.06	0.87	0.71	1.33	2.80
CPVT150-150-075	1-1/2" x 1-1/2" x 3/4"	1.95	1.63	1.40	1.69	0.79	0.63	0.51	1.40	3.39
CPVT200-200-075	2" x 2" x 3/4"	2.54	2.13	1.71	2.22	1.06	0.87	0.71	1.83	4.45
CPVT200-200-100	2" x 2" x 1"	2.54	2.13	1.71	2.34	1.36	1.13	0.91	2.05	4.69

**Materials:**

- **Body:** Chlorinated Polyvinyl Chloride (CPVC)
- **Threaded Components:**
  - (where applicable): Brass inserts
- **Solvent Cement:** CPVC cement per ASTM F493

**Certifications:**

- ASTM D2846 compliant
- NSF/ANSI 14
- NSF/ANSI 61
- cUPC



Chart 1:

Pressure & Temperature Ratings			
SDR-11 System		SDR- 13.5 System	
Temp	Pressure	Temp	Pressure
73°F	400 PSI	73°F	315 PSI
100°F	315 PSI	100°F	250 PSI
140°F	210 PSI	140°F	175 PSI
180°F	100 PSI	180°F	100 PSI

