

SKU: CPVTC050

1/2" CPVC Transition Coupling (IPS Socket x CTS Socket)



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

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

Product Offering and Dimensions:

SKU	Nom Size	d (in)	D (in)	D1 (in)	D2 (in)	L (in)	L1 (in)	H (in)
CPVTC050	1/2"	0.98	0.63	0.84	0.85	0.93	0.51	1.54
CPVTC075	3/4"	1.18	0.88	1.05	1.06	1.04	0.71	1.85
CPVTC100	1"	1.50	1.14	1.31	1.36	1.14	0.91	2.17

