

SKU: CPV45SE100

# 1" CPVC CTS 45° Street Elbow (Spigot x 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	d1 (in)	D1 (in)	d2 (in)	D2 (in)	L1 (in)	L2 (in)	H1 (in)	H2 (in)
CPV45SE050	1/2"	0.35	0.63	0.63	0.53	0.53	0.51	0.77	0.76
CPV45SE075	3/4"	0.87	0.88	1.09	0.73	0.71	1.06	0.96	1.02
CPV45SE100	1"	0.85	1.13	1.14	1.36	0.93	0.91	1.29	1.28

