

MODEL
C307 TRANSITION COUPLING (IPS X CTS)

The Model C307 Transition Coupling provides for a direct connection and transition between grooved end IPS steel pipe, fittings or valves and grooved end CTS copper tubing. The rubber gasket isolates the fluid from coupling housings and the epoxy coated housings help eliminate galvanic local cell and stray current problems. The C307 is rated to 300 psi (20 bar).



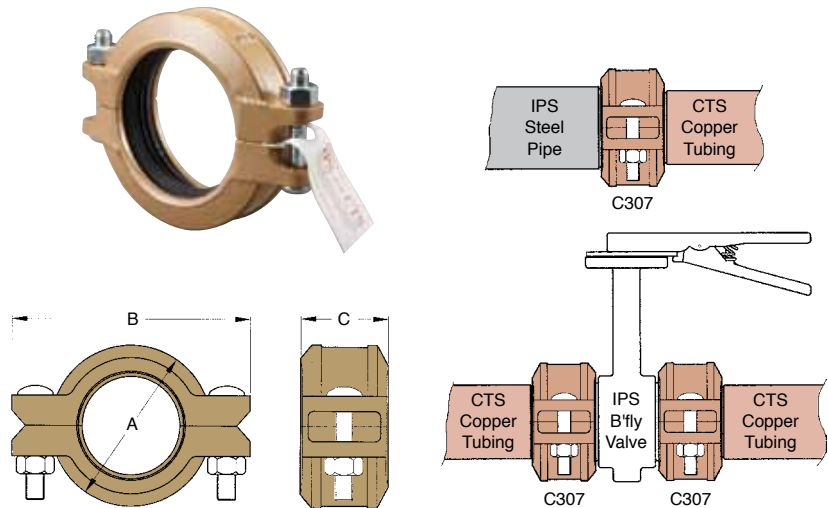
Pressure-Temperature Rating

Nom. Rating	Working Pressure	Max. Service Temperature
Class 150	300 psi @ 100°F 20 Bar @ 38°C	EPDM: 230°F / 110°C

*Working pressure is for connection with roll-grooved Type K copper tubing.

*Proof test pressure: 1.5 times the working pressure.

*Burst pressure: 3 times the listed working pressure, min.



Nominal Size mm / in	Pipe OD IPS x CTS mm / in	Pipe End Separation mm / in	Deflection (°)	Dimensions			Bolt / Nut Size in	Weight Kgs / Lbs
				A mm / in	B mm / in	C mm / in		
50	60.3 x 54.0	0 - 1.6	1° - 31°	84	129	48	½ x 2½	0.9
2	2.375 x 2.125	0 - 0.06		3.31	5.08	1.89		2.0
65	73.0 x 66.7	0 - 1.6	1° - 15°	99	142	48	¾ x 2½	1.0
2½	2.875 x 2.625	0 - 0.06		3.90	5.59	1.89		2.2
80	88.9 x 79.4	0 - 1.6	1° - 02°	116	169	48	½ x 3	1.4
3	3.500 x 3.125	0 - 0.06		4.57	6.65	1.89		3.0
100	114.3 x 104.8	0 - 1.6	1° - 36°	145	197	52	½ x 3	1.9
4	4.500 x 4.125	0 - 0.06		5.71	7.76	2.05		4.2

MODEL
C341 FLANGE ADAPTER FOR COPPER TUBING (CTS)

The Shurjoint Model C341 Flange Adapter allows for the direct connection of grooved-end copper tubing with ANSI class 125/150 (steel) or ASME B16.24 (copper) class 150 flanged components without the need for

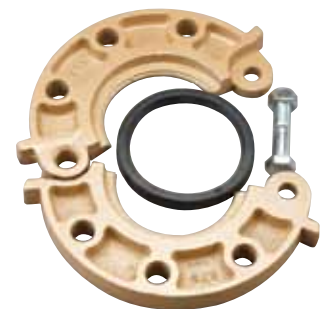
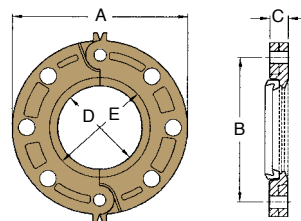
heat or solder. The pressure responsive gasket seals on the outside diameter of the copper tubing and isolates the flange segments from the internal fluid.

Pressure-Temperature Rating

Nom. Rating	Working Pressure	Max. Service Temperature
Class 150	300 psi @ 100°F 20 Bar @ 38°C	EPDM: 230°F / 110°C

*Working pressure is for connection with roll-grooved Type K copper tubing.

*Hydrostatic Shell Test: 1.5 times the working pressure, non-shock cold water.



Nominal Size mm / in	Pipe OD mm / in	Dimensions			Sealing Surface		Bolts		Weight Kgs / Lbs
		A mm / in	B mm / in	C mm / in	D mm / in	E mm / in	No.	Size in	
50	54.0	152	121	19	54	81	4	¾ x 3	2.1
2	2.125	6.00	4.75	0.75	2.13	3.20			4.6
65	66.7	178	140	22	67	99	4	¾ x 3	3.0
2½	2.625	7.00	5.50	0.87	2.63	3.91			6.6
80	79.4	190	152	24	80	115	4	¾ x 3	3.5
3	3.125	7.50	6.00	0.94	3.13	4.53			7.7
100	104.8	229	191	24	105	140	4	¾ x 3	4.3
4	4.125	9.00	7.50	0.94	4.13	5.53			9.5
125	130.2	254	216	24	130	170	8	¾ x 3½	5.8
5	5.125	10.00	8.50	0.94	5.13	6.71			12.8
150	155.6	279	241	25	156	198	8	¾ x 3½	6.2
6	6.125	11.00	9.50	1.00	6.13	7.79			13.6

* Please note that 2", 2-1/2", and 3" Model C341 Flanges cannot be used for making direct connections to Model SJ-C300 Butterfly Valves due to bolt pad interference with the valve.