CPVC TRANSITION FITTINGS
SCH. 40 - ASTM F438

646-CG9 SERIES

ITEM # SUBMITTED_____

JOB NAME_____

LOCATION _____

ENGINEER_____

CONTRACTOR_____

PO#_____ TAG _____

SPECIFICATION
Sioux Chief ASTM F438 CPVC transition fittings shall be used in plumbing systems for safe distribution of hot or cold water. Fittings shall be used for water supply to plumbing devices and fixtures. Transition fittings shall be listed to appropriate standards including ASTM fitting end specifications. Fittings shall be generally manufactured by forming brass to capture CPVC socket ends thereby protecting/shrouding solvent weld connections.

MATERIALS
Socket: CPVC
Body: No Lead brass[1]
O-ring: EPDM

MAXIMUM TEMPERATURE
180°F

SYSTEM COMPATIBILITY

Size	Tube Standard	Fitting Standard	Fitting Burst Pressure
1/2"	ASTM F441	ASTM F438	1910 PSI
3/4"	ASTM F441	ASTM F438	1540 PSI
1"	ASTM F441	ASTM F438	1440 PSI
1-1/4"	ASTM F441	ASTM F438	1180 PSI
1-1/2"	ASTM F441	ASTM F438	1060 PSI
2"	ASTM F441	ASTM F438	890 PSI

INSTALLATION LIMITATIONS
Do Not expose CPVC transition fitting to heat above those listed on tubing. Excessive heat will damage the integral o-ring seal. Do not install damaged fittings. Do not alter fittings. Do not solder or braze in close proximity to fitting unless it is protected with a heat-blocker to protect/keep the fitting under 180°F. Keep fitting free from hazardous chemicals or chemical vapors.

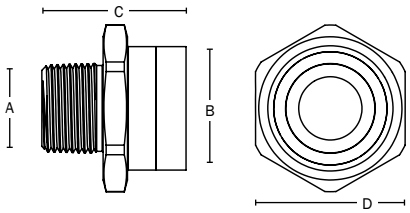
DIMENSIONS

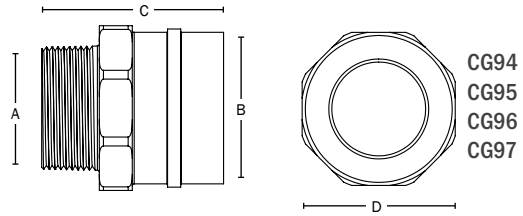
	CG92	CG93	CG94	CG95	CG96	CG97
A: MIP thread	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
B: CPVC Sch. 40 socket	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
C: Overall height	1.563"	1.688"	2.25"	2.625"	2.875"	3.375"
D: Overall width	1.375"	1.75"	1.50"	1.875"	2.125"	2.75"

1 C69300 material is dezincification and SCC resistant, and compliant with NSF-61 Annex G (California No Lead Plumbing Law)


646-CG93


646-CG96





Create Item Number

646-CG9A

e.g. 646-CG95: 1-1/4" CPVC socket × 1-1/4" MIP transition fitting

CONNECTION SIZE A

- ☐ **2** = 1/2" Sch. 40 CPVC x MIP
- ☐ **3** = 3/4" Sch. 40 CPVC x MIP
- ☐ **4** = 1" Sch. 40 CPVC x MIP
- ☐ **5** = 1-1/4" Sch. 40 CPVC x MIP
- ☐ **6** = 1-1/2" Sch. 40 CPVC x MIP
- ☐ **7** = 2" Sch. 40 CPVC x MIP