

CPVC TRANSITION FITTINGS SCH. 40 - ASTM F438

647-CG9 SERIES

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 brass¹

O-ring: EPDM

MAXIMUM TEMPERATURE

180°F

SYSTEM COMPATIBILITY

Size	Tube Standard	Tube Burst Pressure	Fitting Standard	Fitting Burst Pressure
1/2"	ASTM F441	1780 PSI	ASTM F438	1910 PSI
3/4"	ASTM F441	1440 PSI	ASTM F438	1540 PSI
1"	ASTM F441	1320 PSI	ASTM F438	1440 PSI
1-1/4"	ASTM F441	1090 PSI	ASTM F438	1180 PSI
1-1/2"	ASTM F441	990 PSI	ASTM F438	1060 PSI
2"	ASTM F441	850 PSI	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: FIP 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"	1.77"	2.25"	2.40"	2.67"	2.78"
D: Overall width	1.375"	1.75"	1.75"	2.14"	2.40"	2.88"

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

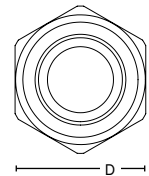
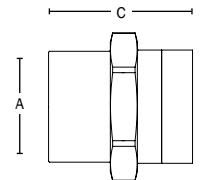
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JOB NAME	_____
LOCATION	_____
ENGINEER	_____
CONTRACTOR	_____
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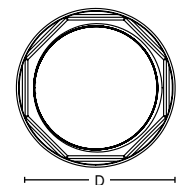
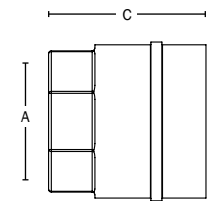
647-CG93



647-CG96



CG92
CG93



CG94
CG95
CG96
CG97



Create Item Number

647-CG9A

e.g. **647-CG95:** 1-1/4" CPVC socket x 1-1/4" FIP transition fitting

CONNECTION SIZE A

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