CPVC TRANSITION FITTINGS
SCH. 40 - ASTM F438

647-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
Plastic: CPVC
Brass: No Lead, Dezincification (DZR) resistant
Stress Corrosion Cracking (SCC) resistant
O-ring: EPDM

MAXIMUM TEMPERATURE
180°F

CERTIFICATIONS
cUPC, FGG/BM/CZ system compatible

647-CG97

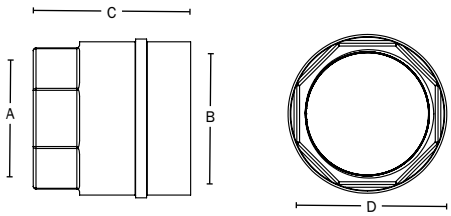
SYSTEM COMPATIBILITY

Size	Tube Standard	Tube Burst Pressure	Fitting Standard	Fitting Burst Pressure
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

	647-CG95	647-CG96	647-CG97
A: FIP thread connection	1¼"	1½"	2"
B: CPVC Sch. 40 socket connection	1¼"	1½"	2"
C: Overall height	2½"	2 15/16"	3 5/16"
D: Overall hex width across flats	1⅞"	2⅛"	2 9/16"



Create Item Number

647-CG9A

e.g. 647-CG95: 1¼" CPVC socket × 1¼"FIP

CONNECTION SIZE A

☐ **5** = 1¼" Sch. 40 CPVC × FIP
☐ **6** = 1½" Sch. 40 CPVC × FIP
7 = 2" Sch. 40 CPVC × FIP