

# CPVC X MALE SWEAT FITTING ADAPTER

## 643 SERIES

### SPECIFICATION

Sioux Chief 643 Series sweat fitting adapters shall be used where necessary in hot or cold water distribution systems. Sweat adapters shall be used for connecting sillcocks, laundry boxes, valves, water service connections, etc. CPVC socket connection shall be designed for solvent weld connection to CPVC pipe, fully surrounded and protected by copper tube and employ an o-ring seal. All fittings are production tested to ensure a leak-free connection.

### MATERIALS

**Fitting Body:** Copper tube

**O-ring:** EPDM

**Socket:** CPVC

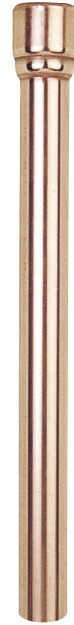
### INSTALLATION NOTES

Do not expose the CPVC transition area to heat in excess of 180°F. Excessive heat will damage the CPVC insert and internal o-ring seal. Perform all solder joints on CPVC transition fittings at the indicated minimum distance along the copper tube. Always apply torch to female fitting, not the adapter. A plug must be inserted into the CPVC socket when soldering to prevent damage to the CPVC socket and o-ring. Use a heat-blocking compound between solder joint and CPVC joint. Always cool the CPVC insert portion of fitting immediately after soldering is complete. Always pressure test all joints before use.

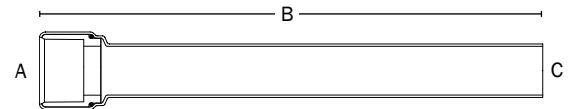
### DIMENSIONS

Item:	643-C211	643-C311	643-C418	643-C518	643-C620	643-C722
<b>A:</b> CPVC Socket Nom. CTS	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
<b>B:</b> Overall Length	11"	11"	18"	18"	20"	22"
<b>C:</b> Copper (CTS)	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"

ITEM # SUBMITTED	_____
JOB NAME	_____
LOCATION	_____
ENGINEER	_____
CONTRACTOR	_____
PO#	_____ TAG _____



643-C311



Create Item Number

## 643-A

e.g. **643-C311:** 3/4" CPVC x 3/4" CTS x 11" long male sweat fitting adapter

### CONNECTION A

**C211** = 1/2" CPVC socket x male sweat adapter

**C311** = 3/4" CPVC socket x male sweat adapter

**C418** = 1" CPVC socket x male sweat adapter

**C518** = 1-1/4" CPVC socket x male sweat adapter

**C620** = 1-1/2" CPVC socket x male sweat adapter

**C722** = 2" CPVC socket x male sweat adapter