



## CHEMICAL INJECTION ACCESSORIES

When injecting chemical solutions into process pipes it is always advisable to introduce the chemical into the process flow away from the wall of the process pipe, in order to minimize chemical attack or chemical deposits on the wall of the pipe and to improve rapid dilution / mixing.

**Corporation Stops** provide a chemical injection connection into pressurized process pipes, which can be retracted and removed while the process pipe remains pressurized. Penetration lengths of the assemblies can also be customized (maximum 1/3 diameter of the process pipe is recommended).

Archer Instruments corporation stops incorporate no-lead brass corporation stop valves certified to the requirements of NSF/ANSI 61 Annex F and G, and NSF/ANSI 372. The remaining process-wetted parts in the assembly are BUNA-N rubber o-rings and plastic pipe / pipe fittings.

The size of the assembly refers to the pipe size of the male NPT threads used to install the assembly into the process connection (pipe tap or saddle).



Shown above: CSA-075-PVC



Shown above: CSA-100-PVC

<u>Size</u>	<u>Model #</u>	<u>Wetted Material</u>
3/4"	CSA-075-PVC	Schedule 80 PVC
1"	CSA-100-PVC	Schedule 80 PVC
1"	CSA-100-CPVC	Schedule 80 CPVC
1"	CSA-100-PVDF	PVDF (Kynar)
1-1/2"	CSA-150-PVC	Schedule 80 PVC

**Main Connects** (also known as quills) are another option that allows for chemical introduction away from the inner wall of the process pipe. Archer Instruments offers 1/2", 3/4" & 1" sizes in machined PVC material.



Shown above: PVC Main Connects (Quills)