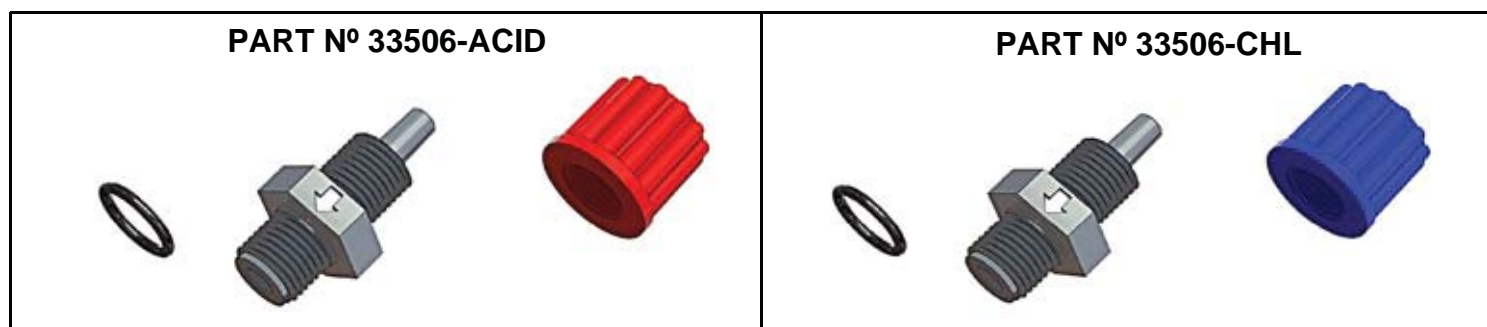




INSTALLATION PROCEDURE FOR INJECTOR VALVE

PART N° 33506-ACID (RED NUT) / PART N° 33506-CHL (BLUE NUT)



This INJECTOR VALVE can be used with IN-LINE ADAPTOR KIT (PART N° 33506-K), or be fitted to a “dual port” injector system, suitable for both acid and liquid chlorine.

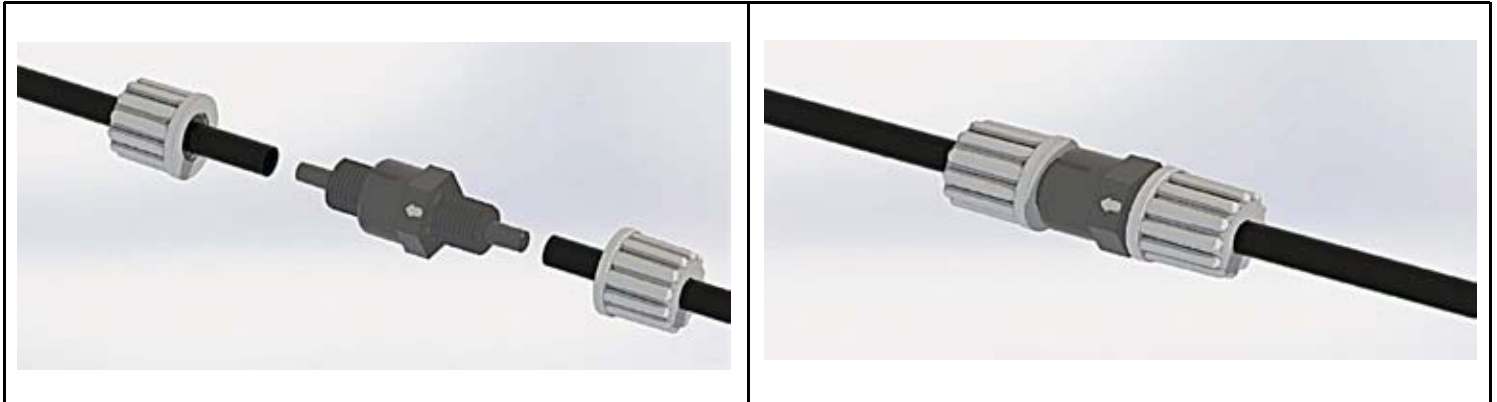
WARNING: Extreme care must be taken when working with acid and chlorine lines. These line can potentially be pressurised. Always wear safety glasses and gloves when disconnecting or cutting lines. Have fresh water at hand to rinse tools and parts exposed to acid and/or liquid chlorine.

NEVER ALLOW LIQUID CHLORINE AND HYDROCHLORIC ACID TO MIX. EXTREMELY DANGEROUS CHLORINE GAS CAN BE PRODUCED. IF THIS OCCURS EVACUATE THE AREA IMMEDIATELY.

It is recommended that if you are changing both acid and liquid chlorine injector valves that you only change one at a time and wash away any spilled chemicals with plenty of fresh water before changing the other injector valve.

IN-LINE INSTALLATION.

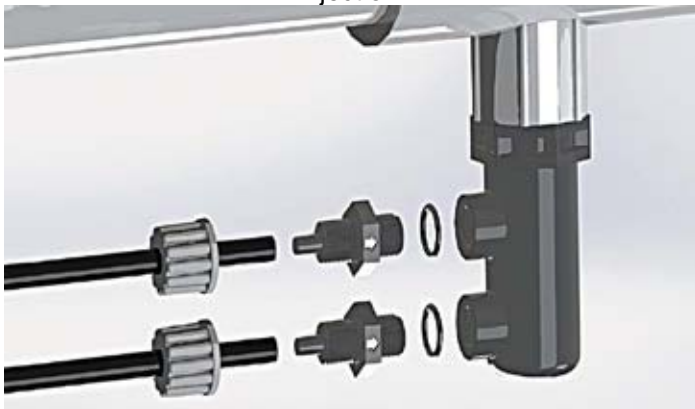
1. Select location for in-line check valve - this should be between the injection point and the peristaltic pump (preferably closer to the injection point).
2. With the filtration system turned off, and wearing safety glasses and gloves.... carefully cut the line at the desired location (or remove existing valve from location). Rinse any tools exposed to chemicals immediately, and wash away any spilled chemicals with plenty of fresh water.
3. If replacing an existing valve it is a good idea to trim back the flared end of the line by approximately 1cm. Fit the new nuts to the line, observe the direction of flow and push the tubing onto the injector valve body. Tighten both nuts.



DUAL PORT INSTALLATION

1. Remove the tube nut at the outlet end of the injector valve.
2. With the filtration system turned off, and wearing safety glasses and gloves.... Carefully remove the tube nut from the existing injector valve, and remove the feed line. Wash away any spilled chemicals with plenty of fresh water.
3. Remove the old injector valve from the dual port injector housing WARNING: be prepared for water to come out of the port, especially if the injector is below water level. Have the new injector valve ready to replace it immediately if possible. If the injector is significantly below water level, then it may help to close the isolating valves for this line, but some water will always come out at this point unless the injector is above water level and under vacuum.
4. Fit the new injector valve with the o-ring end towards the dual port injector housing.
5. Trim back the feed line by approximately 1cm and replace old tube nut with the new nut supplied. Rinse any tools exposed to chemicals immediately with fresh water.
6. Push the feed line tube onto the injector valve, and tighten the nut.

Dual Port Injector with both acid and liquid chlorine injection.



Dual port Injector assembled. Acid feed only, with liquid chlorine port blocked.

