



## Chemical Injection Fittings

Injection fittings provide a safe and reliable method of dosing directly into a chemical bath. The polypropylene collar is threaded with a standard 3/4" BSP thread which allows for secure and simple installation.

The shafts are made from PVC or CPVC which offers excellent chemical resistance and is suitable for most applications. Long versions are available for fitting into day tanks and custom sizes are available on request.

### Injection Fitting with Backpressure

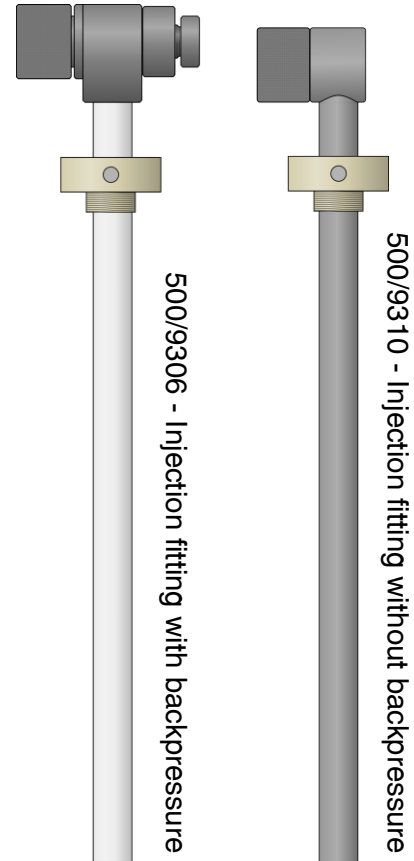
Backpressure injection fittings prevent chemical from being siphoned when the level of the chemical supply tank is higher than the injection point. A pressure of between 0.3 and 0.8 bar is required before chemical will be released from the fitting. The pressure in the hose can be adjusted using the small screw on the back of the fitting.

The backpressure means that chemical is held in the hose and will not drain out when the dosing pump stops. As a result, a precise amount of chemical will be dosed with each pump stroke, making dosing more accurate and consistent.

The Viton diaphragm is resistant to most concentrated acids. An EPDM diaphragm is also available for use with caustic chemicals.

### Injection Fitting without Backpressure

These simple, budget-friendly dosing lances are suitable for low volume dosing, such as Hypochlorite dosing into rinse tanks.



### Specifications

	Fitting <b>with</b> Backpressure	Fitting <b>without</b> Backpressure
Shaft Material	CPVC	PVC
Body Material	PVC	PVC
Seal Material	Viton	Viton
Shaft Diameter	20mm	20mm
Shaft Length	380mm	380mm
Total Length	450mm	450mm
Operating Temperature (°C)	0 to 65°C	0 to 65°C
Adjustable Backpressure Range	0.3 - 0.8 bar	NA

### Ordering Information

500/9306-[X]	Injection Lance CPVC/V with Backpressure 450mm Total Length
500/9312-[X]	Injection Lance CPVC/V with Backpressure for Day Tanks 750mm Total Length
500/9310-[X]	Injection Lance PVC/V without Backpressure 450mm Total Length
Country of Origin: UK	

Replace [X] with the hose fittings: 4/6, 5/10, 6/9, 9/12, 10/15, 10/16 Double-wall or 6/12 Double-wall.