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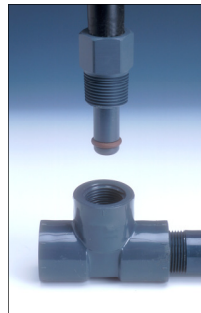
Chem-Chek

Chemical Injection Lance / Check Valve



- Eliminates Ball Checks
- Eliminates Springs
- Improved Dispersion
- Broad Range of Sizes
- Broad Range of Materials
- Simple and Efficient
- Economical & Rugged

The patented Chem-Chek™ Chemical Injection Lance and Check Valves are the simplest, most efficient way to inject chemicals in a broad range of applications.

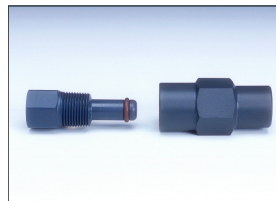


These lances are ideal for a wide range of water treatment applications.

This unique design is superior to the traditional "angle cut" quills in its ability to more completely disperse the chemicals and provide backflow protection. This new design eliminates the

well known problems caused by springs, ball checks and other retaining devices used by conventional, more expensive designs.

These precision machined lances are comprised of two parts. The valve body and O ring.



The operation is simple and efficient.

As chemicals are delivered by the injection system or dosing pump, they travel through the lance to the multiple delivery ports surrounding the lance tip. A channel houses the heavy duty O ring which expands just enough to allow the chemicals to pass around it in a concentric pattern for more complete dispersion.



When the chemicals are no longer being pumped, the O ring contracts and seals into the machined channel seat, preventing water from back-flowing to the pump.

These lances are available in a broad range of materials to accommodate many chemicals. There are a wide variety of fittings to allow injection in any configuration.



Chem-Chek™ Chemical Injection Lance / Check Valve

Our popular sizes are shown below, however any custom size, material and configuration is available.

<u>Description / Length</u>	<u>P/N</u>	<u>Thread Size</u>	<u>Material</u>	<u>Max Temp°F</u>	<u>Max Pressure PSIG</u>
STAINLESS					
3.5" NPT Injection Lance	050-350SS	.5" NPT	316SS	500	2000
5.0" NPT Injection Lance	050-500SS	.5" NPT	316SS	500	2000
5.0" NPT Injection Lance	075-500SS	.75" NPT	316SS	500	2000
ALLOY 20					
3.5" NPT Injection Lance	050-350A	.5" NPT	Alloy 20	500	2000
5.0" NPT Injection Lance	075-500A	.75" NPT	Alloy 20	500	2000
PVC					
3.5" NPT Injection Lance	075-350P	.75" NPT	PVC	140	150
5.0" NPT Injection Lance	075-500P	.75" NPT	PVC	140	150
3.5" NPT Injection Lance	050-350P	.50" NPT	PVC	140	150
5.0" NPT Injection Lance	050-500P	.50" NPT	PVC	140	150
3.0" NPT Injection Lance	050-300P	.50" NPT	PVC	140	150
3.0" NPT Injection Lance	075-300P	.75" NPT	PVC	140	150
KYNAR					
3.5" NPT Injection Lance	075-350K	.75" NPT	KYNAR	200	150
5.0" NPT Injection Lance	075-500K	.75" NPT	KYNAR	200	150
3.5" NPT Injection Lance	050-350K	.50" NPT	KYNAR	200	150
5.0" NPT Injection Lance	050-500K	.50" NPT	KYNAR	200	150
3.0" NPT Injection Lance	050-300K	.50" NPT	KYNAR	200	150
3.0" NPT Injection Lance	075-300K	.75" NPT	KYNAR	200	150
ACCESSORIES					
O Ring 10 Pack For .5" NPT	9263K265	.5"	Viton	----	-----
O Ring 10 Pack For .75" NPT	9464K544	.75"	Viton	-----	-----
.75" Tee	75000P	.75"	PVC	-----	-----
.75 Tee	75000A	.75"	Alloy 20	-----	-----

All inlets are female 0.50" NPT

