

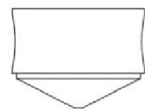


## 700 Series Piston Comparison

Pistons ensure that the pressure is evenly spread across the fluid surface to provide consistent dispensing. Wiper seal pistons prevent dripping and eliminate material waste by wiping the syringe barrel wall clean, as fluid is dispensed.

Dispensing without a piston inserted can result in unreliable dispensing deposits, as the supplied air pressure can become trapped inside the fluid, resulting in void pockets. In addition, moisture found in the air can affect the properties of the fluid.

Techcon Systems is pleased to demonstrate the advantages of each piston type:



The tighter fit wiper pistons are recommended for use with low viscosity fluids and mechanical devices, such as a manual syringe gun, to prevent leakage past the double wiping edges.

**Typical Applications:** Solvent, Alcohol, Inks, Activators, Any fluid used on a mechanical rod/gun including UV...



Low friction pistons are recommended for most general applications. They prevent air entrapment and eliminate material waste by wiping the syringe barrel wall clean.

**Typical Applications:** Solder paste, Silver paste, Anaerobic, epoxy, flux, SMA, silicone, UV...



Straight wall pistons are recommended for reduced stringing and "bouncing" when dispensing high viscosity fluids.

**Typical Applications:** Grease, Viscous Sealant, SMA, RTV Silicone...

### PART NUMBER CHART

WHITE Tight Fit Piston	SIZE	3CC	5CC	10CC	30/55CC
	Pack of 50	7030009WPK	7050009WPK	7100009WPK	7300009WPK
	Box of 1000	7030009W-1000	7050009W-1000	7100009W-1000	7300009W-1000
BLUE Easy Flow Piston	SIZE	3CC	5CC	10CC	30/55CC
	Pack of 50	7030007BLPK	7050007BLPK	7100007BLPK	7300007BLPK
	Box of 1000	7030007BL-1000	7050007BL-1000	7100007BL-1000	7300007BL-1000
RED Straight wall Piston	SIZE	3CC	5CC	10CC	30/55CC
	Pack of 50	7030006RPK	7050006RPK	7100006RPK	7300006RPK
	Box of 1000	7030006R-1000	7050006R-1000	7100006R-1000	7300006R-1000