



An OEM Division of OK International

INDUSTRIAL CERTIFICATION

Techcon Systems certify that the 700 Series syringe barrel meet or exceed ASTM and industry standards, as tested in laboratory conditions, in the following areas:

- ❖ **Accuracy and Repeatability** – The 700 Series syringe barrel meet or exceed the repeatability requirement for industrial dispensing use. The 0° taper design and tight tolerances ensure the highest rate of dispensing accuracy and repeatability.
- ❖ **Silicone and Chloride Free** – The 700 Series syringe barrel are molded in a Silicone and Chloride free environment to prevent contamination.
- ❖ **Burst Strength** – The 700 Series syringe barrel are designed for operating pressures up to 100 psi (6.9 bar). A destructive pressure test was employed to determine the burst strength. All syringes passed the pressure burst test.
- ❖ **Impact Resistance** – The 700 Series syringe barrel are designed to withstand high impact force. Testing results show the 700 Series syringe are 2 times more resistance to impact stress than the industry standard products. The modified Gardner Impact Test of ASTM Standard D5420 was employed.
- ❖ **Low Temperature Storage** – The 700 Series syringe barrel are designed to withstand -76F° (-60° C). Lower temperatures can extend the shelf-life of various fluids.
- ❖ **UV Block Capability** – The 700 Series syringe barrel meet or exceed industry standard products. Dark amber barrels provide UV and visible light block up to 520 nanometers; Black syringe barrels provide 100% UV and visible light block.

The 700 Series precision syringe barrel are designed to meet the most demanding manufacturing operations. Leading edge materials and advanced engineering design make the 700 Series syringe barrel unparalleled in dispensing performance.

www.techconsystems.com