



Techcon 700 Series Precision Syringe Barrels & Components and Dispensing Cartridges & Components are designed to meet the most demanding manufacturing standards. Leading edge materials and advanced engineering design make Techcon packaging plastics unparalleled in dispensing performance.

TECHCON CLEANLINESS STATEMENT

All Techcon plastic packaging products are molded and assembled in a controlled clean environment to ensure the highest standards of cleanliness and that our products are free of loose contaminants or debris.

INDUSTRIAL CERTIFICATION

Techcon certifies that our Precision Syringe Barrels, Cartridges, and Components meet or exceed ASTM and industry standards, as tested in laboratory conditions, in the following areas:

Accuracy and Repeatability – 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 – Molded in a Silicone- and Chloride-free environment to prevent contamination.

ROHS and REACH Compliant – Techcon takes every precaution to ensure none of the 700 Series products contain any SVHC (Substances of Very High Concern).

Burst Strength – Designed for operating pressures up to 100 psi (6.9 bar). Destructive pressure tests are employed to determine burst strength. All 700 Series syringes pass the destructive pressure burst test.

Impact Resistance – Designed to withstand high impact force. Employing the modified Gardner Impact Test of ASTM Standard D5420, it was proven that 700 Series syringe barrels are two times more resistance to impact stress than the industry standard requirements.

Storage Temperature – Can be stored (with no pressure applied) between -40 F° and 100 F° (-40° C - 38° C).

UV Block Capability – 700 Series UV products meet or exceed industry standards for UV blockage. Dark amber barrels provide UV and visible light block up to 520 nanometers; Black syringe barrels provide 100% UV and visible light block.

Transportation – Unfilled 700 Series syringe barrels are safe to transport by ground, sea, or air. Transportation of filled syringe barrels depends on the type of material being packaged. Customers are urged to verify with the material manufacturer its transportation requirements.

If you have questions about Techcon Quality Standards for this or any other product, please contact your Techcon representative.



Can La
Director of Product Management
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