

## 5.0 ml Glass Syringe

With Metal Luer Lock



Catalogue No

09-08-02-05

Transformer Oil Syringe

Piston Outside Diameter	12.13mm±0.2mm
Barrel Outer Diameter	15.5mm ± 0.2mm
Barrel Collar Diameter	22.75mm ± 0.75mm
Piston Collar Diameter	17.50mm ±0.50mm
Length	113.00mm ±1.00mm
Graduation Increment	0.2ml
Volume	5 ml ± 1.5% of volume

### Features:

- The syringe is made from heat resistant borosilicate glass.
- They confirm to ISO 594/1 ; 595/2
- The material and construction is resistant to breakage from shock and sudden temperature changes
- It is annealed and tested until free of internal strain, to withstand repeated washing with hot water
- Reinforced at luer lock tip and barrel base, the points at which most breakage occurs
- The syringe cylinder plunger fit is leak proof and meets the requirements of Federal Specification GG-S-92 lb / A-A-54840 / ISO 7886, and are thoroughly checked for any leakage or backflow and for smooth plunger movement.
- Plunger is individually ground and fitted to barrel for smooth movement with no back flow
- Barrel rim is flat on both sides to prevent rolling and is wide enough for convenient finger tip grip
- The syringes available in universal fit or custom fit design. The custom fit syringes are uniquely numbered for matching
- The syringes metal luer lock tip meets the specification of the American National Standards for Medical Materials luer taper fitting performances ISO 594 (Earlier HIMA MD 70.1 – 1983)
- The fitting is made from chrome-plated brass and fits all female luer lock fitting
- The syringe is clearly marked with graduations of 0.2 ml and 1.0 ml
- The graduations and logos are permanently fused on to the glass. This accounts for a lifetime accuracy and legibility.
- The syringe plunger is colored beveled rimed to facilitate dosage measurement.
- The syringe reinforced Flanges which is flat on two sides prevents the syringe from rolling.
- The syringes contain no latex and are ideal for latex intolerant patients.
- In compliance with IEC 60475, IEC 60567 & ASTM 3613
- HS Code : 902720

### Glass Properties:\*

Thermal Expansion	55/33 ±10 <sup>-7</sup> /Centigrade	Water Resistance	First Class
Density (g/cu cm)	2.23/2.36	Acid Resistance	First Class/ISO 1776-1
Softening Point (°C)	750/820	Alkali Resistance	First Class/ISO 695
Annealing Point (°C)	545/575	Colour	Clear
Strain Point (°C)	525/540		

\* Subject to change without prior notice.



Manufacturer Top Syringe Mfg. Co. Pvt Ltd ISO 9001 & ISO 13485 Certified

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