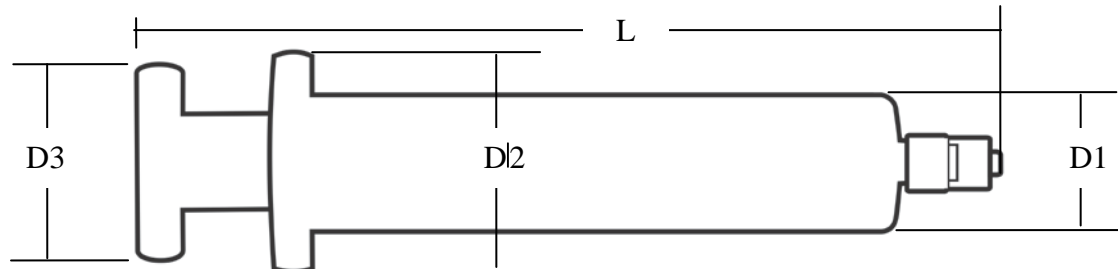


Metal luer lock tip - Ground Barrel 100 c.c. Volume Product Specifications



Description

100 c.c. Glass Syringe-Interchangeable borosilicate glass syringe is permanently fused with graduations and unique identifier. Reinforced flanges are flat on both sides to avoid rolling. It is supplied with metal luer-lock tip.

Dimensions

Barrel Diameter Outside (D1)	39.50 mm \pm 0.90 mm
Barrel Collar Diameter (D2)	53.90 mm \pm 1.50 mm
Plunger Collar Diameter (D3)	40.40 mm \pm 1.50 mm
Length (L)	221.20mm \pm 2.00 mm
Volume	100 c.c.

Glass Properties

Expansion Coefficient	4.9 + 1.00 / centigrade
Density	2.34g \pm 02g /cm ³
Water Resistance	First Class
Acid Resistance	First Class
Alkali Resistance	First Class
Softening Point	785°C
Melting Temperature	1160°C
Annealing Point	565°C
Color	Clear

- The glass syringe is made from heat resistant Borosilicate glass type 1.
- The material and construction is resistant to breakage from shock and sudden temperature changes.
- The product is annealed and tested until it is free from internal strain, to withstand the repeated hot water washing.
- Reinforced at luer lock tip and barrel base, the points at which most breakage occurs.
- Each plunger is individually ground and fitted to barrel for smooth movement without reverse flow.
- The Barrel rim is flat on both sides to prevent its rolling. Thus it is wide enough for convenient fingertip grip.
- The fitting is made from Nickel plated Brass and fits all female luer lock fitting.
- The syringe is clearly marked with graduations which are permanently fused for lifetime legibility.
- Conforms ISO 594-1 and ISO 594-2
- Manufacturing/Engineering drawings of File (confidential)