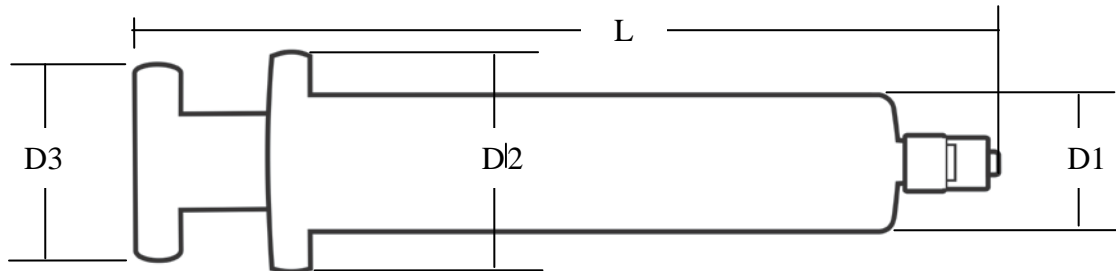


SD-QA-09

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



Description

20 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) | 23.87 mm ± 0.90 mm |
| Barrel Collar Diameter (D2) | 33.95 mm ± 1.50 mm |
| Plunger Collar Diameter (D3) | 25.70 mm ± 1.50 mm |
| Length (L) | 150.50 mm ± 2.00 mm |
| Volume | 20 c.c. |

Glass Properties

| | |
|-----------------------|-------------------------------|
| Expansion Coefficient | 4.9 + 1.00 / centigrade |
| Density | 2.34g ± 0.2g /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)

REV.01, 30/12/2558