



Part No. 140-4704	
Dimensions:	Approximate
Piston Outside Diameter:	42.20 mm ± 0.25 mm
Barrel Diameter Outside (D1):	48.00 mm ± 0.75 mm
Barrel Collar Diameter (D2):	62.00 mm ± 0.75 mm
Piston Collar Diameter (D3):	54.00 mm ± 1.00 mm
Length (L):	280.00 mm ± 0.65 mm
Increment:	5.0 ml
Volume:	200.0 ml ± 1.5% of volume

- The syringe is made from heat resistant borosilicate glass.
- 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 3/8" UNF threaded tip and barrel base, the points at which most breakage occur.
- The cylinder-plunger fit is leak proof and meets the requirements of Federal Specification GG -S- 921 b.
- 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 fitting is made from chrome-plated brass or SS-316.
- The syringe is clearly marked with graduations of 4.0 ml and 40.0 ml. The graduations are permanently fused for lifetime legibility.

Glass Properties:

Expansion coefficient:	52 +/- 10 ⁻⁷ / Centigrade	Softening point:	785 @ degrees centigrade
Density:	2.36g +/- 0.03g CM ³	Melting temperature:	1260 @ degrees centigrade
Modulus of elasticity:	64 +/- 10 ³ mm ⁻²	Strain point:	525 @ degrees centigrade
Water resistance:	First Class	Annealing point:	570 @ degrees centigrade
Acid resistance:	First Class	Hardness:	7
Alkali resistance:	First Class	Color:	Clear