

150ml Glass Syringe with metal luer lock



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| Tomopal Part # | 140-4650 |
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| Piston Outside Diameter: | 34.20 mm ± 0.25 mm |
| D1) Barrel Diameter Outside: | 39.60 mm ± 0.75 mm |
| D2) Barrel Collar Diameter: | 52.00 mm ± 0.75 mm |
| D3) Piston Collar Diameter: | 42.00 mm ± 0.65 mm |
| L) Length: | 275.00 mm ± 0.65 mm |
| Increment: | 5.0 ml |
| Volume: | 150.0 ml ± 1.5% of volume |

Features:

- 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 luer lock 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- 921b.
- 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 are available in custom fit design. The custom fit syringes are uniquely numbered for matching piston and barrel.
- The metal luer lock tip meets the specification of American National Standards for Medical Materials luer taper fitting performance, HIMA MD 70.1 - 1983.
- The metal luer lock fitting is made from chrome-plated brass and fits all female luer lock fittings.
- The syringe is clearly marked with graduations of 5.0 ml and 10 ml. The graduations are permanently fused for lifetime legibility.

Glass Properties:

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| Expansion coefficient: | 52 +/- 10 ⁻⁷ / Centigrade |
| Density: | 2.36g +/- 0.03g CM ³ |
| Modulus of elasticity: | 64 +/- 10 ³ mm ⁻² |
| Water resistance: | First Class |
| Acid resistance: | First Class |
| Alkali resistance: | First Class |

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| Softening point: | 785 @ degrees centigrade |
| Melting temperature: | 1260 @ degrees centigrade |
| Strain point: | 525 @ degrees centigrade |
| Annealing point: | 570 @ degrees centigrade |
| Hardness: | 7 |
| Color: | Clear |