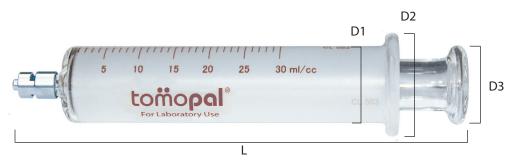


30ml Glass Syringe - Laboratory

with metal luer lock



Tomopal Part # 130-4530

Piston Outside Diameter: 22.70 mm ± 0.20 mm

D1) Barrel Diameter Outside: 26.91 mm ± 0.40 mm

D2) Barrel Collar Diameter: 37.00 mm ± 0.75 mm

D3) Piston Collar Diameter: 26.05 mm ± 0.60 mm

L) Length: 161.35 mm ± 0.50 mm

Increment: 1.0 ml

Volume: 30.0 ml $\pm 1.5\%$ 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.
- 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 nickel-plated brass and fits all female luer lock fittings.
- · The syringe is clearly marked with graduations of 1 and 5 ml. The graduations are permanently fused for lifetime legibility.

Glass Properties:

Expansion coefficient: $52 + /- 10^{-7}$ / CentigradeDensity:2.33g + /- 0.03g CM³Modulus of elasticity: $64 + /- 10^3$ mm²Water resistance:First ClassAcid resistance:First ClassAlkali resistance:First Class

Softening point:760 @ degrees centigradeMelting temperature:1250 @ degrees centigradeStrain point:500 @ degrees centigradeAnnealing point:545 @ degrees centigrade

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Hardness: 7
Color: Clear