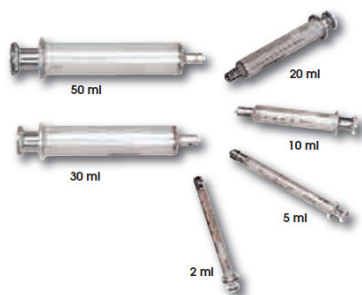




CARFIL QUALITY
YOUR SUPPLIER FOR ALL LABORATORY NEEDS

Premier Glass Syringes



We offer a Glass Syringes new line of glass syringes to meet scientific applications in the laboratory environment. Over

ten different sizes of glass syringes ranging from 1.0 ml to 50 ml are available.

All syringes are made from heat resistant borosilicate glass. The material and construction are resistant to breakage from shock and sudden temperature changes. They are all annealed and tested until free of internal strain to withstand repeated washing.

- Easy to clean and maintain
- Accurate dispensing
- Reusable
- Economical
- Durable
- Chemically resistant
- Resistant to thermal shock

Specifications

Min. Order Qty.	6	6	6	6	6	6	6
Volume*	1,0 ml	2,0 ml	5,0 ml	10 ml	20 ml	30 ml	50 ml
Barrel Inside Diameter (mm)	4,8 +/- 0,1	6,45 +/- 0,1	12,6 +/- 0,1	15,15 +/- 0,15	20,4 +/- 0,2	22,9 +/- 0,2	27,45 +/- 0,2
Barrel Diameter Outside (mm) D1	9,3 +/- 0,2	9,95 +/- 0,2	15,4 +/- 0,3	18,35 +/- 0,35	24,20 +/- 0,4	27,3 +/- 0,4	32,35 +/- 0,55
Barrel Collar diameter (mm) D2	14,95 +/- 0,5	16,40 +/- 0,5	22,25 +/- 0,75	26,20 +/- 0,75	32,25 +/- 0,75	37,55 +/- 0,75	44,0 +/- 0,75
Piston Collar Diameter (mm) D	11,5 +/- 0,5	12,25 +/- 0,75	17,25 +/- 0,55	19,95 +/- 0,6	24,65 +/- 0,65	27,95 +/- 0,65	34,05 +/- 0,65
Length (mm) L	115 +/- 0,5	115 +/- 0,5	105 +/- 0,5	128,5 +/- 0,5	145,5 +/- 0,5	163 +/- 0,5	178 +/- 0,5
Major Graduations (ml)	0,20	0,50	1,0	1,0	5,0	5,0	10
Minor Graduations (ml)	0,02	0,05	0,2	0,2	1,0	1,0	2,0
Order code	78871	780872	780873	780874	780875	78076	780877



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Glass Properties

Volume	* 1,5% of rated volume
Expansion Coefficient	$52 \times 10^{-7}/^{\circ}\text{C}$
Density	2,36 g/cm ³ +/- 0,03 g/cm ³
Modulus of Elasticity	64 x 10 ³ N/m ²
Water Resistance	First Class
Acid Resistance	First Class
Alkali Resistance	First Class
Softening Point	785°C
Melting Point	1260°C
Strain Point	525°C
Annealing Point	570°C
Hardness	7
Color	Clear



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