

## Borosilicate Glass Culture Tubes

Item# 1503/1505/1510/1512/1515/1517/1519/1522



### Description

Globe Scientific's premium quality glass tubes are produced from borosilicate glass that provides excellent chemical resistance and durability. The tubes are available in six sizes and feature uniform bottoms and fire-polished rims. They are neatly packaged in boxes of 125 or 250 and are shrink-wrapped in plastic film to keep them particle free.

For additional convenience, the 10 x 75mm, 12 x 75mm and 13 x 100mm boxes fit into Globe Scientific's metal/plexiglass tube dispensers.

### Features and Benefits

- Made from superior quality borosilicate glass to reduce pH changes and contaminants that are potentially leached from tubes made from soda lime glass.
- Tubes can be used for tissue culture and blood banks.
- Tubes are chemically inert.
- Tubes feature well-rounded bottoms and smooth, fire-polished rims.
- Dimensional specifications are rigidly controlled for reliable, uniform results.

### Products

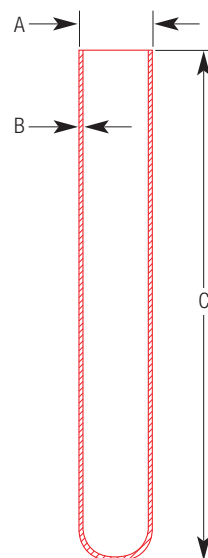
Item#	Description	Packaging
1503	10 x 75mm, 3mL	250 per box, 4 boxes per case (1,000 each)
1505	12 x 75mm, 5mL	250 per box, 4 boxes per case (1,000 each)
1510	13 x 100mm, 7mL	250 per box, 4 boxes per case (1,000 each)
1512	16 x 100mm, 10mL	250 per box, 4 boxes per case (1,000 each)
1515	16 x 125mm, 12mL	250 per box, 4 boxes per case (1,000 each)
1517	16 x 150mm, 15mL	250 per box, 4 boxes per case (1,000 each)
1519	18 x 150mm, 21mL	125 per box, 4 boxes per case (500 each)
1522	20 x 150mm, 27mL	125 per box, 4 boxes per case (500 each)

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### Technical Specifications

Material: Borosilicate Glass  
 Autoclavable: Yes  
 Spin Rate: Max. ~ 4500 rpm  
 Melting Point (Log n=4): 1550°C (+/-20°C)  
 Softening Point (Log n=7.6): 1220°C (+/-20°C)  
 Freezing Point: -50°C  
 Linear Coefficient of Expansion,  
 0 to 300°C, cm/cm °C x 10<sup>-7</sup>: 62-75 x 10<sup>-7</sup>k<sup>-1</sup>



### Data Table

Item	Size	A OD (mm)	B Wall Thickness (mm)	C Length (mm)	Working Volume per Tube	Overflow Volume per Tube
1503	10x75	9.75 (+/-0.2)	0.65 (+/-0.05)	75 (+/-0.5)	3mL	4mL
1505	12x75	11.75 (+/-0.2)	0.65 (+/-0.05)	75 (+/-0.5)	5mL	6mL
1510	13x100	12.75 (+/-0.2)	0.8 (+/-0.05)	100 (+/-0.5)	7mL	10mL
1512	16x100	15.85 (+/-0.2)	0.9 (+/-0.05)	100 (+/-0.5)	10mL	14mL
1515	16x125	15.85 (+/-0.2)	0.9 (+/-0.05)	125 (+/-0.5)	12mL	19mL
1517	16x150	15.85 (+/-0.2)	0.9 (+/-0.05)	150 (+/-0.5)	15mL	23mL
1519	18x150	17.85 (+/-0.2)	0.9 (+/-0.05)	150 (+/-0.5)	21mL	29mL
1522	20x150	19.85 (+/-0.2)	0.9 (+/-0.05)	150 (+/-0.5)	27mL	36mL



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