



## Borosil Reagent Bottle

Borosil Laboratory bottles are chemically resistant and stable. When fitted with a plastic pouring ring dripping can be totally eliminated. As there is only one size of screw thread for all bottles from 100 ml onwards, the screw caps and pouring rings are fully interchangeable. The bottles, pouring rings and caps are autoclavable and sterilizable.

### Properties:

#### Light protection :

- Amber bottle upto 500 ml

#### Safe closure ensures storage of products as

- Dairy products
- Serums are kept sterile

#### High resistance to thermal shock

### HANDLING :

#### Sterilization :

Bottles can be steam sterilized after washing. Following are recommendation and guidelines.

- Soiled bottle must be clean first, otherwise microorganism cannot be effectively destroyed and chemicals adhering to surface can damage it as a result of high temperature involved.

- To avoid a buildup of pressure the screw cap should be left loose on the bottle neck (one turn maximum). It should not be closed tight as the pressure then cannot be balanced and consequent in pressure can result in bottle bursting.
- Ensure that saturated steam is used and that it has unhindered access to all contaminated places. This is the only way to achieve effective steam sterilization.

#### Thawing frozen substances :

The frozen material can be thawed by immersing the bottle in liquid bath taking care that the temperature differences does not exceed 100 degree C. this will ensure that the frozen material heated uniformly from all sides without damaging the bottle. It can however also be thawed slowly so that the surface melts first, allowing the material to expand.

#### Freezing substances

Recommendation: When freezing, always place the bottles at an angle approx. 45°C and do not fill to more than  $\frac{3}{4}$  capacity (to increase surface area). Temperature limit - 40°C as the plastic caps and pouring ring do not withstand lower temperatures.

### 1501 - Bottles, Reagent, Wide Mouth, Graduated With Screw Cap And Pouring Ring

- Complies with IS 1388 (Part I), ISO / DIN 4796 (Part I)
- These bottles are mechanically strong and chemical resistant
- Designed with plastic pouring ring for drip-free operation
- The screw caps and pouring ring are made of PP
- The bottles, screw caps and pouring rings can be sterilized and autoclavable
- Printed with a Retrace Code
- 100 ml to 20000 ml Bottles have uniform GL 45 thread

Product Code	Capacity ml	Approx O.D. x Height* mm	Approx Neck I. D. mm	Quantity Per Case
1501009	25 <sup>#</sup>	36 x 70	GL 25	20
1501012	50 <sup>#</sup>	46 x 87	GL 32	20
1501016	100	56 x 100	GL 45	10
NEW 1501018	150 <sup>**</sup>	60 x 120	GL 45	10
1501021	250	70 x 138	GL 45	10
1501024	500	86 x 176	GL 45	10
1501029	1000	101 x 225	GL 45	10
1501030	2000	136 x 260	GL 45	10
1501031	3000 <sup>**</sup>	158 x 295	GL 45	2
1501033	5000 <sup>***</sup>	183 x 323	GL 45	2
1501038	10000 <sup>***</sup>	235 x 405	GL 45	1
1501040	20000 <sup>***</sup>	296 x 500	GL 45	1

\*Height indicated is of Bottle only

<sup>#</sup> Without Pouring rings

<sup>\*\*</sup>Not covered in any standard

<sup>\*\*\*</sup>As per BOROSIL dimensions

