

Bottles

Bottles have multiple uses, as Aspirator, Reagent and Solution Bottles. Bottles are not used for direct heating purpose. They are designed with heavier wall thickness, making them mechanically stronger to withstand wet or dry sterilisation. The high chemical durability of the glass ensures that most of the reagents can be stored in these bottles for long durations in almost the same condition. Plain Neck Solution Bottles are designed to have a uniform rubber stopper fit. Roux Bottles have flat surfaces and are widely used for culture growth.

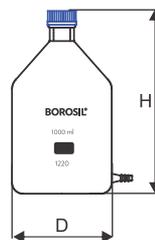
The outstanding **BOROSIL®** quality provides capabilities for a wider range of functions, from long-term storage to the most demanding applications in the pharmaceutical industry.



1220 - ASPIRATOR BOTTLES

With GL 45 Cap and Tubulation

- Complies with IS 1388 (Part III), EN ISO 4796-3
- Complete with PP screw cap and pouring ring
- Suitable for storage of aggressive media
- All sizes have a durable matt-finished enamelled area for marking



Product Code	Capacity ml	Approx O.D. x Height*	Thread Specification	Quantity Per Case	Price / Piece
1220021	250**	70 x 140	GL 45	10	367.00
1220024	500**	86 x 176	GL 45	10	410.00
1220029	1000	101 x 225	GL 45	10	748.00
1220030	2000	136 x 260	GL 45	5	1216.00
1220033	5000	181 x 330	GL 45	1	6683.00
1220038	10000***	235 x 410	GL 45	1	11523.00
1220040	20000***	296 x 505	GL 45	1	20944.00

**Not covered in ISO / DIN standards.

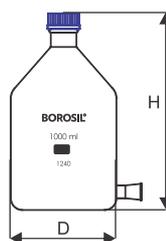
*Height indicated is of Bottle only

***As per Borosil dimension

1240 - ASPIRATOR BOTTLES

With GL-45 Cap and Socket outlet for stopcock

- Complies with IS 1388 (Part III), EN ISO 4796-3
- Complete with PP screw cap and pouring ring
- Suitable for storage of aggressive media
- All sizes have a durable matt-finished enamelled area for marking



Product Code	Capacity ml	Approx O.D. X Height* mm	Thread Specification	Outlet Ground Joint Size	Quantity Per Case	Price / Piece
1240029	1000	101 x 225	GL 45	24 / 29	10	950.00
1240030	2000	136 x 260	GL 45	29 / 32	5	1366.00
1240033	5000	181 x 330	GL 45	29 / 32	1	7889.00
1240038	10000***	235 x 405	GL 45	29 / 32	1	11178.00
1240040	20000***	296 x 500	GL 45	29 / 32	1	19224.00

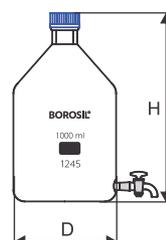
*Height indicated is of Bottle only

***As per Borosil dimension

1245 - ASPIRATOR BOTTLES

With GL 45 Cap and Interchangeable Glass Stopcock

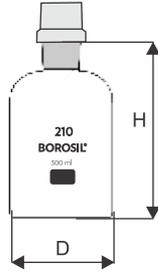
- Complies with IS 1388 (Part III), EN ISO 4796-3
- Complete with PP screw cap and pouring ring
- Suitable for storage of aggressive media
- All sizes have a durable matt-finished enamelled area for marking



Product Code	Capacity ml	Approx O.D. X Height* mm	Thread Specification	Outlet Ground Joint Size	Quantity Per Case	Price / Piece
1245029	1000	101 x 225	GL 45	24 / 29	10	2646.00
1245030	2000	136 x 260	GL 45	29 / 32	4	3121.00
1245033	5000	181 x 323	GL 45	29 / 32	1	10357.00
1245038	10000***	235 x 410	GL 45	29 / 32	1	14175.00
1245040	20000***	296 x 500	GL 45	29 / 32	1	21060.00

*Height indicated is of Bottle only

***As per Borosil dimension



1250 - B.O.D. BOTTLES

With Interchangeable glass stopper and plastic cap

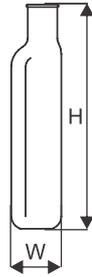
- Complies with IS 9213
- Used for determination of B.O.D. in industrial effluents, waste and water
- Provided with plastic cap to avoid evaporation
- Individual number printed on the bottle

Product Code	Capacity ml	Approx O. D. x Height* mm	Quantity Per Case	Price / Piece
1250013	60**	42 x 100	10	416.00
1250017	125**	55 x 120	10	513.00
1250022	300	70 x 143	30	599.00

*Height indicated is of Bottle only

** 60 & 125 ml are not covered in standards

300 ml is for determination of B.O.D. in Industrial effluents, wastes and water as per method specified by the American Public Health Association and is numbered individually.



1290 - ROUX BOTTLES

Bottles Off-Set Neck

- Complies with IS 6942
- The off-set neck is tool-finished for greater strength and uniform stopper fit
- These bottles facilitate the growing of mass cultures and single or monolayer cultures
- It withstands repeated sterilisation (wet or dry)

Product Code	Capacity ml	Approx B x W x H mm	Approx Neck I. D. mm	Quantity Per Case	Price / Piece
1290029	1000	126 x 56 x 265	26	20	1615.00

Borosil Reagent Bottles

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 bottles : Protects media from light radiation with a wave-length between 300 nm and 500 nm

Safe closure ensures storage of products such as

- Dairy products
- Serums

High resistance to thermal shock (upto 140°C)

HANDLING :

Sterilization :

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

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

- To prevent pressure build in bottle, the screw cap should be left loose on the bottle neck (one turn maximum). It should not be closed tight as the pressure built up at higher temperatures should be released to prevent the bottle from breakage.
- 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 :

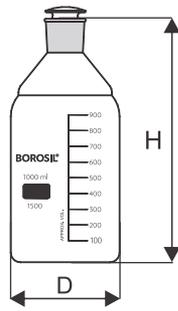
The frozen material can be thawed by immersing the bottle in liquid bath taking care that the temperature difference does not exceed 100 degree C. This will ensure that the frozen material is heated uniformly from all sides without damaging the bottle. It can however also be thawed slowly so that the 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 capacity (to increase surface area). Temperature limit - 40°C as the plastic caps and pouring ring do not withstand lower temperatures.



Borosil laboratory bottles are widely used because of consistent performance & better quality.



1500 - REAGENT BOTTLES

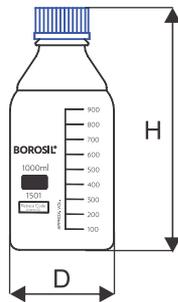
Plain Narrow Mouth, Graduated with Inter-changeable Flat Head Glass Stopper

- Complies with IS 1388 (Part II), EN ISO 4796 - 2
- These narrow mouth reagent storage bottles have a sturdy ground neck
- All sizes have a durable matt-finished enamelled area for marking
- These bottles are mechanically strong and chemical resistant
- Supplied with solid glass stopper

Product Code	Capacity ml	Approx O.D. x Height mm	Neck Stopper Size	Quantity Per Case	Price / Piece
1500013	60**	45 x 90	14 / 23	40	350.00
1500016	100	56 x 105	14 / 23	10	386.00
1500017	125**	56 x 145	19 / 26	50	330.00
1500021	250	70 x 145	19 / 26	10	366.00
1500024	500	86 x 180	24 / 29	10	386.00
1500029	1000	100 x 230	29 / 32	10	618.00
1500030	2000	136 x 255	34 / 35	10	1138.00

- *Height indicated is of Bottle only

- ** 60 & 125 ml is not covered in standards



1501 - REAGENT BOTTLES

Graduated With Screw Cap and Pouring Ring

- Complies with IS 1388 (Part I), EN ISO 4796 - 1
- 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	Thread Specification	Quantity Per Case	Price / Piece
1501006	10**#	36 X 50	GL 25	10	415.00
1501009	25#	36 x 70	GL 25	20	276.00
1501012	50	46 x 87	GL 32	20	317.00
1501016	100	56 x 100	GL 45	10	328.00
1501018	150**#	60 x 120	GL 45	10	352.00
1501021	250	70 x 140	GL 45	10	338.00
1501024	500	86 x 176	GL 45	10	364.00
1501029	1000	101 x 225	GL 45	10	567.00
1501030	2000	136 x 260	GL 45	10	1014.00
1501031	3000**	158 x 295	GL 45	2	4757.00
1501033	5000***	183 x 323	GL 45	1	5707.00
1501038	10000***	235 x 405	GL 45	1	10318.00
1501040	20000***	296 x 500	GL 45	1	17567.00

- *Height indicated is of Bottle only

- # Without Pouring Ring

- ** Not covered in any standard

- *** As per Borosil Dimension

1503 - SCREW CAP

with Pouring ring for Screw Cap Bottles

- Caps and pouring rings are made of PP (Polypropylene) and are auto-clavable upto 140°C

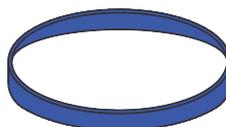


Product Code	Colour Description	Thread Specification	Quantity Per Case	Price / Piece
1503C01	Blue	GL 45	10	81.00
1503C02	Orange	GL 45	10	86.00
1503C03	Yellow	GL 45	10	86.00
1503C04	Green	GL 45	10	86.00
1503C05	Grey	GL 45	10	86.00
1503C06	Blue	GL 25	10	76.00
1503C07	Blue	GL 32	10	76.00
1503C08	Blue	GL 36	10	76.00

1504 - POURING RING

Blue Colour

- Pouring rings are made of PP (Polypropylene) and are autoclavable



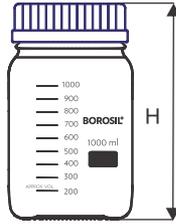
Product Code	Colour Specification	Thread Specification GL	Quantity Per Case	Price / Piece
1504R01	Blue	GL - 45	10	32.00



1505 - RED SCREW CAP

with Pouring ring for Laboratory bottles, auto -clavable upto 200°C

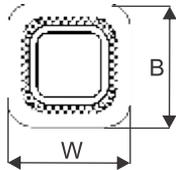
Product Code	Colour Specification	Thread Specification	Quantity Per Case	Price / Piece
1505C01	Red	GL - 45	10	525.00



1506 - REAGENT BOTTLES

Square with DIN Thread, Graduated, with PP Screw Cap (GL 80) and PP Pouring Ring

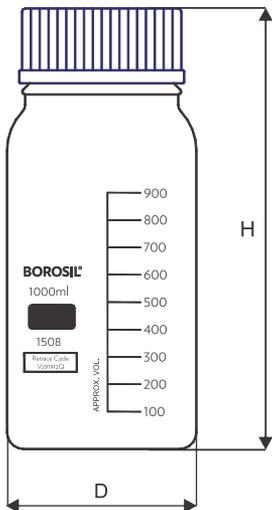
Product Code	Capacity ml	Approx B x W x H mm	Thread Specification Approx O.D. mm	Quantity Per Case	Price / Piece
1506024	500	94 x 94 x 141	GL-80	10	872.00
1506029	1000	105 x 105 x 187	GL-80	10	963.00
1506030	2000	115 x 115 x 260	GL-80	10	1509.00
1506033	5000	160 x 160 x 357	GL-80	1	9311.00



Bottom View

*Height indicated is of Bottle only

Amber colour bottles are available on request.



1508 - REAGENT BOTTLES

Wide Mouth, Graduated, with PP Screw Cap (GL 80) and PP Pouring Ring

Product Code	Capacity ml	Approx O.D. x Height* mm	Thread Specification Approx O.D. mm	Quantity Per Case	Price / Piece
1508029	1000	101 x 220	GL- 80	10	1544.00
1508030	2000	136 x 250	GL- 80	10	1848.00
1508033	5000	183 x 315	GL- 80	1	7277.00
1508038	10000	235 x 390	GL- 80	1	13997.00
1508040	20000	296 x 485	GL- 80	1	31175.00

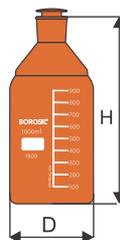
*Height indicated is of Bottle only

Amber colour bottles available are on request.

1509 - REAGENT BOTTLES

With I/C stopper **Amber**

- Complies with IS 1388 (Part II), EN ISO 4796 - 2
- These narrow mouth reagent storage bottles have a sturdy ground neck
- All sizes have a durable matt-finished enamelled area for marking
- These bottles are mechanically strong and chemical resistant
- The uniform Amber colour is highly durable and has high chemical resistance
- Properties within the bottle remain unchanged, as the colour is applied only on the external surface
- Protects media from light radiation with a wave-length between 300 nm and 500 nm
- Ideal for use with light-sensitive media and for the long-term storage of substances
- Supplied with solid glass stopper



Product Code	Capacity ml	Approx O.D. x Height* mm	Neck Stopper Size	Quantity Per Case	Price / Piece
1509013	60**	40 x 100	14 / 23	20	504.00
1509016	100	56 x 105	14 / 23	10	556.00
1509017	125**	56 x 120	19 / 26	20	525.00
1509021	250	70 x 145	19 / 26	10	641.00
1509024	500	86 x 182	24 / 29	10	746.00
1509029	1000	101 x 230	29 / 32	5	961.00
1509030	2000	136 x 255	34 / 35	5	1832.00

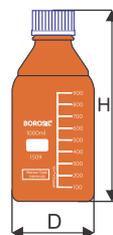
- *Height indicated is of Bottle only - ** 60 & 125 ml is not covered in standards

- Similar in design to cat no. 1500

1519 - REAGENT BOTTLES

With screw cap & pouring ring, **Amber**

- Complies with IS 1388 (Part I), EN ISO 4796 - 1
- These bottles are mechanically strong and chemical resistant
- Designed with plastic pouring ring for drip-free operation
- The screw caps and pouring are made of PP and autoclavable
- Printed with a Retrace Code
- The uniform Amber colour is highly durable and has high chemical resistance
- Properties within the bottle remain unchanged, as the colour is applied only on the external surface
- Ideal for use with light-sensitive media and for long-term storage of substances
- 100 ml to 20000 ml have uniform GL 45 thread
- Protects media from light radiation with a wave-length between 300 nm and 500 nm

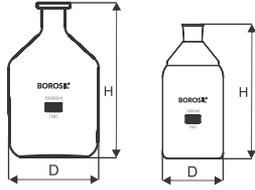


Product Code	Capacity ml	Approx O.D. x Height* mm	Thread Specification	Quantity Per Case	Price / Piece
1519006	10 [#]	36 x 50	GL 25	10	510.00
1519009	25 [#]	36 x 70	GL 25	20	426.00
1519012	50 [#]	46 x 87	GL 32	20	494.00
1519016	100	56 x 100	GL 45	10	515.00
1519021	250	70 x 140	GL 45	10	546.00
1519024	500	86 x 176	GL 45	10	645.00
1519029	1000	101 x 225	GL 45	10	848.00
1519030	2000	136 x 260	GL 45	10	1591.00
1519031	3000 ^{**}	158 X 295	GL 45	2	8486.00
1519033	5000 ^{***}	183 x 323	GL 45	1	8757.00
1519038	10000 ^{***}	235 x 405	GL 45	1	12750.00
1519040	20000 ^{***}	296 x 500	GL 45	1	18850.00

Without Pouring rings

**Not covered in any standard

***As per BOROSIL dimensions



1585 - TOOLED NECK BOTTLES

Solution Bottle, Plain

- These bottles are mechanically strong and chemical resistant
- 10, 20 & 50 litre bottles specially designed for handling and storing culture media
- All sizes have a durable matt-finished enamelled area for marking

Product Code	Capacity ml	Approx O.D. x Height mm	Approx Neck I. D. mm	Quantity Per Case	Price / Piece
1585021	250	70 x 145	18	20	331.00
1585024	500	86 x 180	23	20	357.00
1585029	1000	101 x 230	28	10	588.00
1585030	2000	136 x 285	33	10	1003.00
1585031	3000	158 x 255	44	4	3140.00
1585033	5000	183 x 330	44	1	5875.00
1585038	10000*	235 x 430	54	1	10185.00
1585040	20000*	296 x 530	54	1	16679.00
1585046	50000	417 x 665	89	1	84373.00

* As per Borosil dimensions



1589 - TOOLED NECK BOTTLES

Solution Bottle, **Amber**

- These bottles are mechanically strong and chemical resistant
- All sizes have a durable matt-finished enamelled area for marking
- The uniform Amber colour is highly durable and has high chemical resistance
- Properties within the bottle remain unchanged, as the colour is applied only on the external surface
- Protects media from light radiation with a wave-length between 300 nm and 500 nm
- Ideal for use with light-sensitive media and for long-term storage of substances

Product Code	Capacity ml	Approx O.D. x Height mm	Approx Neck I. D. mm	Quantity Per Case	Price / Piece
1589021	250	70 x 145	18	10	630.00
1589024	500	86 x 180	23	20	656.00
1589029	1000	101 x 230	28	5	929.00
1589030	2000	136 x 255	33	5	1659.00

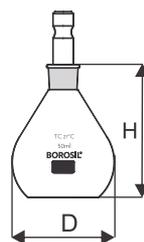
Similar in design to Cat No. 1585

For Higher Capacities please contact our Sales Offices or our Authorised Dealers

1624 - RELATIVE DENSITY BOTTLES

With Capillary Bore Interchangeable Teflon Stopper

- These bottles are mechanically strong and chemical resistant
- All sizes have a durable matt-finished enamelled area for marking
- Comes with a Works Certificate



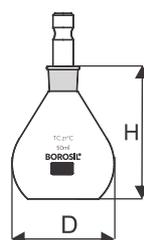
Product Code	Capacity ml	Capacity Tolerance +ml	Max. Body Dia x Height mm	Size of Inter-Changeable Stopper	Quantity Per Case	Price/Piece
1624006	10	0.3	29 x 48	10 / 15	5	966.00
1624009	25	0.8	40 x 55	10 / 15	5	1139.00
1624012	50	1.0	50 x 65	10 / 15	5	1202.00



1625 - RELATIVE DENSITY BOTTLES

With Capillary Bore Inter-changeable Teflon stopper

- Complies with IS 5717, DIN / ISO 3507
- These bottles are mechanically strong and chemical resistant
- All sizes have a durable matt-finished enamelled area for marking



Product Code	Capacity ml	Capacity Tolerance +ml	Max. Body Dia x Height mm	Size of Inter-Changeable Stopper	Quantity Per Case	Price/Piece
1625006	10	1	29 x 48	10 / 15	10	458.00
1625009	25	2	40 x 55	10 / 15	10	504.00
1625012	50	3	50 x 65	10 / 15	5	541.00



1627 - SPECIFIC GRAVITY BOTTLE

With thermometer (Pyknometer)

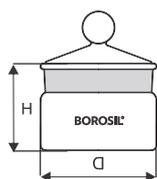
- Complies with IS 5717, DIN / ISO 3507
- These bottles are mechanically strong and chemical resistant
- All sizes have a durable matt-finished enamelled area for marking
- Supplied with thermometer alongwith certificate for thermometer



Product Code	Capacity ml	Quantity Per Case	Price / Piece
1627006	10	5	1302.00
1627009	25	5	1528.00
1627012	50	5	1654.00

Suitable for determining the density with built in thermometer & thermometer pocket.





1630 - WEIGHING BOTTLES

With Interchangeable Lids

- Complies with IS 1574
- These bottles are mechanically strong and chemical resistant

Product Code	Capacity ml	Approx O.D. x Height* mm	Quantity Per Case	Price / Piece
1630005	5	20 x 40	30	292.00
1630007	15	25 x 65	10	308.00
1630008	20**	50 x 35	10	637.00
1630009	25	30 x 65	10	378.00
1630011	40**	60 x 40	10	902.00
1630013	60	40 x 90	5	572.00

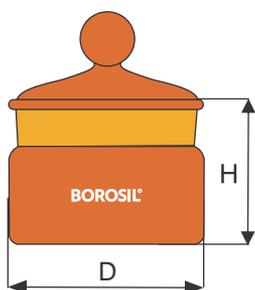
*Height indicated is of Bottle only

**Squat Form

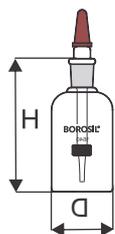
1631 - WEIGHING BOTTLES

With Interchangeable Lids, **Amber**

- Complies with IS 1574
- These bottles are mechanically strong and chemical resistant
- Suitable for light sensitive substance.



Product Code	Capacity ml	Approx O.D. x Height* mm	Quantity Per Case	Price / Piece
1631005	5	20 x 40	30	410.00
1631007	15	25 x 65	10	427.00
1631008	20	50 x 35	10	842.00
1631009	25	30 x 65	10	497.00
1631011	40	60 x 40	10	1177.00
1631013	60	40 x 90	5	751.00



1640 - DROPPING BOTTLES

With Dropper & Rubber Teat

- Made from 3.3 borosilicate glass
- Highly chemical resistance
- Supplied with interchangeable ground joint pipette with rubber teat

Product Code	Capacity ml	Approx O.D. x Height mm	Socket Size	Quantity Per Case	Price / Piece
1640010	30	35 x 84	14 / 19	10	289.00
1640013	60	42 x 100	14 / 19	10	389.00
1640017	125	55 x 120	19 / 26	10	410.00
1640021	250	65 x 147	19 / 26	10	546.00

1650 - DROPPING BOTTLES

With Pipette & Rubber Teat, **Amber**

- Made from 3.3 borosilicate glass
- Highly chemical resistance
- Supplied with interchangeable ground joint Amber pipette with rubber teat
- Ideal for light sensitive materials

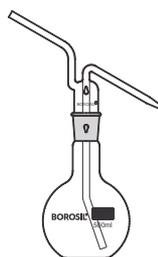


Product Code	Capacity ml	Approx O.D. x Height mm	Socket Size	Quantity Per Case	Price / Piece
1650010	30	35 x 84	14 / 19	10	471.00
1650013	60	42 x 100	14 / 19	10	626.00
1650017	125	55 x 120	19 / 26	10	674.00
1650021	250	65 x 147	19 / 26	10	883.00

1660 - WASH BOTTLES

Set with Interchangeable Stopper

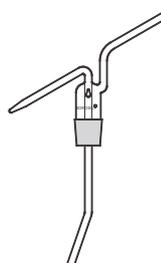
- These bottles are mechanically strong and chemical resistant
- All sizes have a durable matt-finished enamelled area for marking



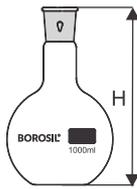
Product Code	Capacity ml	Size of Interchangeable Stopper	Quantity Per Case Set	Price / Piece
1660021	250	24 / 29	5	635.00
1660024	500	24 / 29	5	824.00
1660029	1000	29 / 32	5	1029.00

1661 - STOPPERS

For Wash Bottles Cat. No. 1660



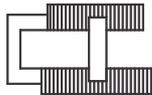
Product Code	Capacity ml	Size of Interchangeable Stopper	Quantity Per Case	Price / Piece
1661021	250	24 / 29	5	473.00
1661024	500	24 / 29	5	515.00
1661029	1000	29 / 32	5	530.00



1662 - FLASKS

For Wash Bottles Cat No. 1660

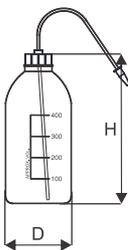
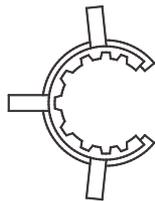
Product Code	Capacity ml	Approx Height mm	Size of Interchangeable Stopper	Quantity Per Case	Price / Piece
1662021	250	130	24 / 29	5	436.00
1662024	500	160	24 / 29	5	683.00
1662029	1000	195	29 / 32	5	924.00



1665 - PLASTIC CLAMP

for Joint Fittings

Product Code	Joint mm	Quantity Per Case	Price / Piece
1665B14	B 14	10	52.00
1665B19	B 19	10	52.00
1665B24	B 24	10	57.00
1665B29	B 29	10	57.00



166P - WASH, LDPE PLASTIC BOTTLES

Squeeze type, Fitted With Stoppers and Delivery Tubes

- Bottles and delivery tube made of chemically resistant, low density polyethylene
- Flexible, tough, light weight, and practically unbreakable in use
- Squeezing the bottle produces a steady controllable stream or a few drops.
- Delivery tubes are mounted in polypropylene screw caps
- Tips on delivery tubes are removable

Product Code	Capacity ml	Approx Diameter mm	Bottle Height mm	Quantity Per Case	Price / Piece
0166024	500	75	167	36	110.00

1760 - GAS WASHING (DRESCHER) BOTTLES,

Set with Interchangeable Stopper

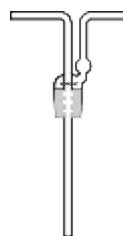
- Complies with IS 11990
- These bottles are mechanically strong and chemical resistant
- All sizes have a durable matt-finished enamelled area for marking



Product Code	Capacity ml	Size of Inter-changeable Stopper	Quantity Per Case Set	Price / Piece
1760017	125	29 / 32	5	1058.00
1760021	250	29 / 32	5	1134.00
1760024	500	29 / 32	5	1355.00

1761 - STOPPERS

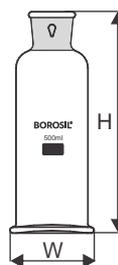
For Gas Washing Bottles



Product Code	Capacity ml	Quantity Per Case	Price / Piece
1761017	125	5	594.00
1761021	250	5	616.00
1761024	500	5	702.00

1762 - BOTTLES

For Gas Washing Bottles



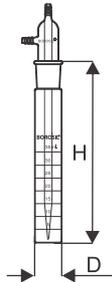
Product Code	Capacity ml	Approx O. D. x Height mm	Quantity Per Case	Price / Piece
1762017	125	50 x 165	5	950.00
1762021	250	60 x 190	5	1042.00
1762024	500	70 x 245	5	1274.00



1764 - GAS SAMPLING TUBES, With Stopcocks

Product Code	Capacity ml	Quantity Per Case	Price / Piece
1764017	125	10	601.00
1764021	250	10	704.00
1764024	500	10	1001.00
1764029	1000	10	1705.00

*Not covered in standards



1765 - IMPINGER

- Complies with IS 5182 (Part-VI)
- These bottles are mechanically strong and chemical resistant

Product Code	Capacity ml	Approx O. D. x Height mm	Quantity Per Case Set	Price / Piece
1765058	35	26 x 220	10	443.00