

Pipettes

Borosil brand Pipettes are made of specially-selected heavy wall machine-drawn borosilicate accurate bore glass tubing. They have precision formed jets, and bevel ground ends that resist chipping. The graduation marks are made in durable white enamel or amber stain, resistant to normal laboratory reagents and repeated washing. All the Pipettes are individually measured, and then marked. The uniformity of bore ensures accuracy between any two readings. The Pipettes can be autoclaved and, if necessary, can be flamed for sterilisation.

All **Borosil** Pipettes are colour-coded at the top in accordance with ISO Standards, to facilitate easy identification. The graduation marks are screen printed. The mouth piece of Pipettes of 5 ml and above are tooled with uniform OD for easy sucking. Such tooling also imparts additional strength. Borosil Brand Pipettes are truly dependable in terms of their accuracy. They are available in both, Class A with Works Certificate as well as Class B tolerances.

Details of Colour Coding on graduated pipettes.

Capacity of Pipette	Colour code used
0.1 x 0.01 ml	White
0.2 x 0.01 ml	Black
1 x 0.01 ml	Yellow
1 x 0.1 ml	Red
2 x 0.02 ml	Black
2 x 0.1 ml	Green
5 x 0.05 ml	Red
5 x 0.1 ml	Blue
10 x 0.1ml	Orange

Details of Colour Coding on one mark pipette

Capacity of Pipette	Colour code used
1 / 8 / 25 ml	Blue
2 ml	Orange
6 ml	2 Orange rings
3 / 9 / 30 ml	Black
5 / 40 ml	White
10 / 50 ml	Red
4 ml	2 Red rings
15 ml	Green
7 ml	2 Green rings
20 / 100 ml	Yellow





Manufacturer

Borosil

Nominal Capacity

25 ml

Tolerance

± 0.030

Standards

ISO/DIN 648

Ref Temperature

Ex 20° C

Calibration
(Ex = to deliver)

A

Class A certified

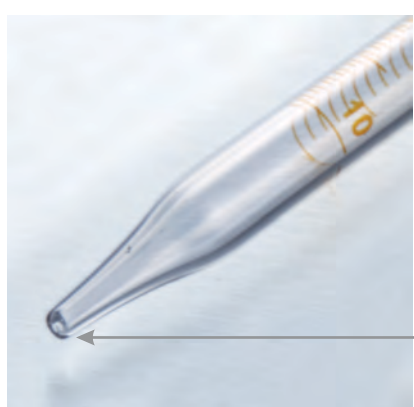


Mohr Type
Delivery from zero mark to the last graduation mark



Serological Type
Delivery from zero mark to the tip

Two Rings
Two rings at the top indicate that these pipettes are calibrated to deliver their total capacity



Tips are carefully tooled and ensure proper flow rates

Tips edges are fire polish



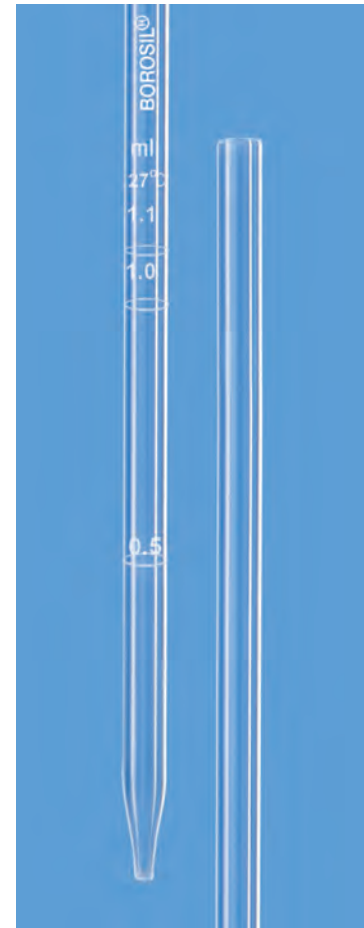
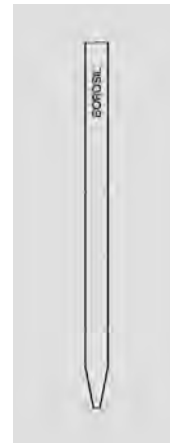
All pipettes are colour coded at the top to allow fast identification



7056 - Pipettes, Bacteriological, Graduated

- Complies with IS 2025
- Calibrated at 20°C
- These Pipettes are used for the bacteriological examination of milk
- 1.1 ml is graduated at 0.5 to 1.1 ml
- 2.2 ml is graduated at 1.0, 2.0, 2.1 and 2.2 ml

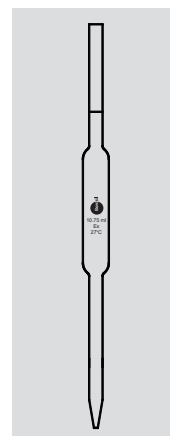
Product Code	Capacity ml	Tolerance ± ml	Quantity per Case
7056101	1.1	0.025	10
7056102	2.2	0.04	10



7057 - Pipettes, Gerber, Milk

- Complies with IS 1223 (Part II)
- These Pipettes are used for testing milk by the Gerber method.
- Sturdy, designed to last long
- Gerber Milk Pipettes are one-mark transfer Pipettes for measuring 10.75 ml
- They can be also be used in rural Milk Collection Centres

Product Code	Capacity ml	Tolerance ± ml	Quantity per Case
7057P10	10.75	0.03	10





7059 - Pipettes, Measuring (Mohr Type), Class A, With Batch Certificate

- Complies with IS, ISO / DIN 835
- Calibrated at 20°C
- These Pipettes are graduated for delivery from zero mark to the last graduation mark
- Sturdy, designed to last long
- Markings are made in permanent amber stain diffused into the surface of the glass for better visibility and durability
- Supplied with individual calibration certificate showing actual volume dispensed and providing traceability to national standards

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity per Case
7059P41D	0.1	0.01	0.006	10
7059P42D	0.2	0.01	0.006	10
7059P01D	1	0.01	0.007	10
7059P11D	1	0.1	0.007	10
7059P02D	2	0.02	0.01	10
7059P22D	2	0.1	0.01	10
7059P05D	5	0.05	0.03	10
7059P55D	5	0.1	0.03	10
7059P06D	10	0.1	0.05	10
7059P09D	25	0.2	0.1	10

* Blue graduations can be supplied on request.

* Individual calibration certificate can be provided on request.



7060 - Pipettes, Measuring (Mohr Type), Class B

- Complies to ISO / DIN 835
- Calibrated at 20°C
- These Pipettes are graduated for delivery from zero mark to the last graduation mark
- Sturdy, designed to last long
- Markings are made in permanent amber stain diffused into the surface of the glass for better visibility and durability

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity per Case
7060P41D	0.1	0.01	0.01	20
7060P42D	0.2	0.01	0.01	20
7060P01D	1	0.01	0.01	20
7060P11D	1	0.1	0.01	20
7060P02D	2	0.02	0.02	20
7060P22D	2	0.1	0.02	20
7060P05D	5	0.05	0.05	20
7060P55D	5	0.1	0.1	20
7060P06D	10	0.1	0.1	20
7060P09D	25	0.2	0.2	20

* Blue graduations can be supplied on request.



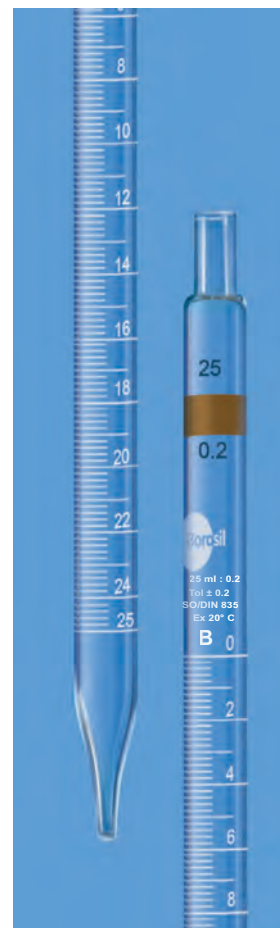
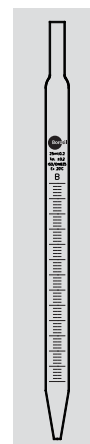
7062 - Pipettes, Measuring (Mohr Type), Class B, White Marking

- Complies with ISO / DIN 835
- Calibrated at 20°C
- These Pipettes are graduated for delivery from zero mark to the last graduation mark.
- Sturdy, designed to last long
- Markings are made in permanent amber stain diffused into the surface of the glass for better visibility and durability

Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	Quantity per Case
7062P41D	0.1	0.01	0.01	20
7062P42D	0.2	0.01	0.01	20
7062P01D	1	0.01	0.01	20
7062P11D	1	0.1	0.01	20
7062P02D	2	0.02	0.02	20
7062P22D	2	0.1	0.02	20
7062P05D	5	0.05	0.05	20
7062P55D	5	0.1	0.05	20
7062P06D	10	0.1	0.1	20
7062P09D	25	0.2	0.2	20

* Blue graduations can be supplied on request.

* Individual calibration certificate can be provided on request

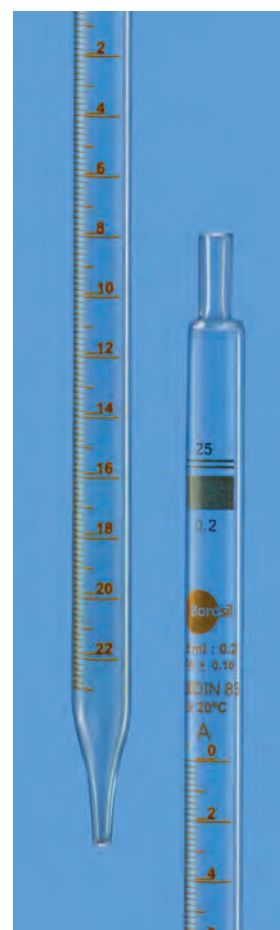


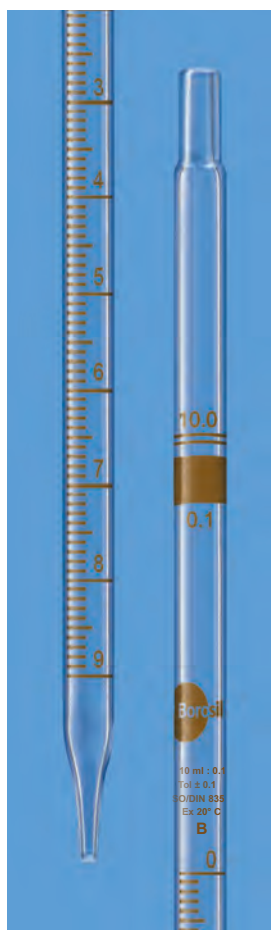
7079 - Pipettes, Serological, Class A, With Batch Certificate

- Complies with ISO / DIN 835
- Calibrated at 20°C
- These Pipettes are graduated to the tip
- Two rings at the top indicate that the Pipette is calibrated to deliver from any graduation line down to tip
- Markings are made in permanent amber stain diffused into the surface of the glass for better visibility and durability

Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	Quantity per Case
7079P41D	0.1	0.01	0.006	10
7079P42D	0.2	0.01	0.006	10
7079P01D	1	0.01	0.007	10
7079P11D	1	0.1	0.007	10
7079P02D	2	0.02	0.01	10
7079P22D	2	0.1	0.01	10
7079P05D	5	0.05	0.03	10
7079P55D	5	0.1	0.03	10
7079P06D	10	0.1	0.05	10
7079P09D	25	0.2	0.1	10

* Blue graduations can be supplied on request.





7080 - Pipettes, Serological Class B

- Complies with ISO / DIN 835
- Calibrated at 20°C
- These Pipettes are graduated to the tip
- Two rings at the top indicate that the Pipette is calibrated to deliver from any graduation line down to tip
- Markings are made in permanent amber stain diffused into the surface of the glass for better visibility and durability

Product Code	Capacity ml	Graduation Interval ml	Tolerance ±ml	Quantity per Case
7080P41D	0.1	0.01	0.01	20
7080P42D	0.2	0.01	0.01	20
7080P01D	1	0.01	0.01	20
7080P11D	1	0.1	0.01	20
7080P02D	2	0.02	0.02	20
7080P22D	2	0.1	0.02	20
7080P05D	5	0.05	0.05	20
7080P55D	5	0.1	0.05	20
7080P06D	10	0.1	0.1	20
7080P09D	25	0.2	0.2	20

* Blue graduations can be supplied on request



7082 - Pipettes, Serological, (White Marking), Class B

- Complies with ISO / DIN 835
- Calibrated at 20°C
- These Pipettes are graduated to the tip
- Two rings at the top indicate that the Pipette is calibrated to deliver from any graduation line down to tip
- Graduation in white enamel increases the visibility with dark solution

Product Code	Capacity ml	Graduation Interval ml	Tolerance ±ml	Quantity per Case
7082P41D	0.1	0.01	0.01	20
7082P42D	0.2	0.01	0.01	20
7082P01D	1	0.01	0.01	20
7082P11D	1	0.1	0.01	20
7082P02D	2	0.02	0.02	20
7082P22D	2	0.1	0.02	20
7082P05D	5	0.05	0.05	20
7082P55D	5	0.1	0.1	20
7082P06D	10	0.1	0.1	20
7082P09D	25	0.2	0.2	20

* Blue graduations can be supplied on request



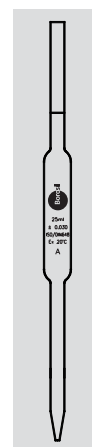
7100 - Pipettes, Transfer, Volumetric, Class A Accuracy, With Batch Certificate

- Complies with ISO / DIN 648
- Calibrated at 20°C
- Calibrated for delivery (TD, Ex)
- Generally used for accurate measurement and decanting of liquid
- Each pipette coded with unique no. supplied with calibration certificate giving exact volume with traceability to national standards

Product Code	Capacity ml	Tolerance ± ml	Quantity per Case
7100001D	1	0.007	10
7100002D	2	0.010	10
7100005D	5	0.015	10
7100006D	10	0.020	10
7100008D	20	0.030	10
7100009D	25	0.030	10
7100012D	50	0.050	10
7100016D	100	0.080	10

* Blue graduations can be supplied on request.

* Individual calibration certificate can be provided on request

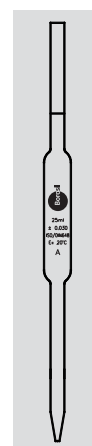


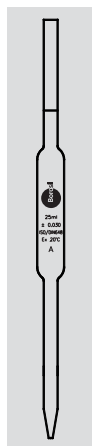
7101 - Pipettes, Transfer, Volumetric, Class A, Accuracy As Per USP

- Complies with ASTM E-969-02
- Calibrated at 20°C
- Calibrated for delivery (TD, Ex)
- Generally used for accurate measurement and decanting of liquid
- Each pipette coded with unique no. supplied with calibration certificate giving exact volume with traceability to national standards

Product Code	Capacity ml	Tolerance ± ml	Quantity per Case
7101001	1	0.006	10
7101002	2	0.006	10
7101003	3	0.01	10
7101004	4	0.01	10
7101005	5	0.01	10
7101706	6	0.01	10
7101707	7	0.01	10
7101708	8	0.02	10
7101709	9	0.02	10
7101006	10	0.02	10
7101007	15	0.03	10
7101008	20	0.03	10
7101009	25	0.03	10
7101010	30	0.03	10
7101011	40	0.05	10
7101012	50	0.05	10
7101016	100	0.08	10

* Blue graduations can be supplied on request.





7102 - Pipettes, Transfer, Volumetric, Class B

- Complies with ISO / DIN - 648
- Calibrated at 20°C
- Calibrated for delivery
- Generally used for accurate measurement and decanting of liquid

Product Code	Capacity ml	Tolerance ± ml	Quantity per Case
7102001D	1	0.015	10
7102002D	2	0.02	10
7102005D	5	0.03	10
7102006D	10	0.04	10
7102008D	20	0.06	10
7102009D	25	0.06	10
7102012D	50	0.10	10
7102016D	100	0.16	10

* Blue graduations can be supplied on request.



7103 - Pipettes, Transfer, Volumetric, Class B

- Complies with ASTM E-969-02
- Calibrated at 20°C
- Calibrated for delivery
- Generally used for accurate measurement and decanting of liquid

Product Code	Capacity ml	Tolerance _ ml	Quantity per Case
7103001	1	0.012	10
7103002	2	0.012	10
7103003	3	0.02	10
7103004	4	0.02	10
7103005	5	0.02	10
7103706	6	0.03	10
7103707	7	0.03	10
7103708	8	0.04	10
7103709	9	0.04	10
7103006	10	0.04	10
7103007	15	0.06	10
7103008	20	0.06	10
7103009	25	0.06	10
7103010	*30	0.06	10
7103011	*40	0.10	10
7103012	50	0.10	10
7103016	100	0.16	10

*Not covered in ASTM standards

* Blue graduations can be supplied on request.