

Fisherbrand[®]
QUALITY. RELIABILITY. VALUE.

Glassware

Disposable, Reusable and Specialty



Glassware

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BEAKERS

Fisherbrand* Reusable Glass Low-Form Griffin Beakers

Slightly flared spout for steady, accurate pouring

- Made of KG-33 borosilicate glass
- Thick, heavy construction with beaded top
- Uniform wall thickness
- Durable, matte-finish marking area for use with an ordinary pencil
- Easy-to-read white graduated double scale on all sizes from 50 to 1000mL



FB-100-600

COMPLIANCE: Designed from ASTM* Specification E 960, Type I requirements

Capacity	Graduation Range	Graduation Interval	Cat. No.	Pack of	Case of
50mL	10 to 40mL	10mL	FB-100-50	12/52.36	48/161.12
100mL	20 to 80mL	10mL	FB-100-100	12/55.27	48/170.08
150mL	20 to 140mL	20mL	FB-100-150	12/52.91	48/162.79
250mL	25 to 200mL	25mL	FB-100-250	12/52.91	48/162.79
400mL	50 to 325mL	25mL	FB-100-400	12/62.19	48/191.33
600mL	50 to 500mL	50mL	FB-100-600	6/39.64	36/182.94
1000mL	100 to 1000mL	50mL	FB-100-1000	6/74.46	24/229.08

Fisherbrand* Reusable Glass Heavy-Duty Low-Form Beakers

Sturdy construction ideal for mechanical shock and other harsh applications

- Thick uniform walls
- Evenly tooled top rim with extra wall thickness
- Spout designed for optimum performance
- Durable matte finish marking area
- White graduated scale

COMPLIANCE: Designed from ASTM* Specification E 960, Type II requirements

NOTES: Not recommended for use on hotplates where significant thermal gradients exist due to lack of agitation of contents or absence of a temperature control.

Capacity	Graduation Range	Graduated Interval	Cat. No.	Pack of	Case of
150mL	20 to 140mL	20mL	FB-101-150	12/98.54	48/303.21
250mL	25 to 200mL	25mL	FB-101-250	6/140.13	48/303.21
400mL	25 to 325mL	25mL	FB-101-400	4/194.72	48/395.53
600mL	50 to 500mL	50mL	FB-101-600	12/98.54	36/345.73
1000mL	100 to 1000mL	50mL	FB-101-1000	12/128.55	24/431.18
2000mL	200 to 1800mL	200mL	FB-101-2000	4/194.72	8/299.57
4000mL	500 to 3500mL	500mL	FB-101-4000	1/95.07	4/292.54

Fisherbrand* Reusable Glass Berzelius Beakers

Convenient tall-form design

- Slightly flared top, reinforcing bead and pouring spout
- Durable matte finish marking area
- White scales to approximate volumes
- Made with Borosilicate glass

COMPLIANCE: Designed from ASTM* Specification E960, Type III requirements

Capacity	Graduation Range	Graduation Interval	Cat. No.	Pack of	Case of
100mL	20 to 80mL	10mL	FB-102-100	12/64.92	48/199.77
200mL	25 to 150mL	25mL	FB-102-200	12/68.94	48/212.14
300mL	25 to 250mL	25mL	FB-102-300	12/76.96	48/236.80
400mL	25 to 325mL	25mL	FB-102-400	6/41.67	36/192.36
600mL	50 to 500mL	50mL	FB-102-600	6/59.45	24/182.95
1000mL	50 to 950mL	50mL	FB-102-1000	6/80.30	18/184.96

BOTTLES: MEDIA

Fisherbrand* Reusable Glass Media Bottles with Cap

Convenient wide opening, ideal for general use

- Enhanced graduations
- Permanent white enamel marking spot
- GL 45 screw thread
- Clear (natural), drip-free, replaceable polypropylene pour ring
- Linerless, autoclavable (to 140°C) polypropylene cap

FB-800-500



Capacity	Graduation Range	Cat. No.	Case of
100mL	20 to 80mL	FB-800-100	10/79.13
250mL	50 to 200mL	FB-800-250	10/87.93
500mL	100 to 400mL	FB-800-500	10/105.12
1000mL	100 to 900mL	FB-800-1000	10/127.85
2000mL	400 to 1800mL	FB-800-2000	1/33.66
5000mL	1000 to 4000mL	FB-800-5000	1/111.50
10,000mL	2000 to 8000mL	FB-800-10000	1/192.48

Fisherbrand* Replacement Cap for Glass Media Bottles

Description	Cat. No.	Case of
Replacement Cap	FB-800-STDCAP	10/31.06

BOTTLES: STORAGE

For more information on Fisherbrand Storage Bottles, visit www.fishersci.com.



Fisherbrand* Clear Boston Rounds with Poly-Seal*-lined Caps

Economical, high quality bottles for storing liquid samples

- Type III soda lime glass
- Clear for easy viewing of contents
- Narrow mouth

02-911-780, -752, -778, -781



Capacity	Screw Cap Size	Cat. No.	Case of
1 oz. (30mL)	20mm-400	02-911-782	48/119.88
2 oz. (60mL)	20mm-400	02-911-783	24/59.01
4 oz. (125mL)	22mm-400	02-911-784	24/74.30
8 oz. (250mL)	24mm-400	02-911-785	12/52.58
16 oz. (500mL)	28mm-400	02-911-750	12/61.36
32 oz. (1000mL)	33mm-400	02-911-751	12/81.61

BOTTLES: STORAGE

Fisherbrand* Amber Wide-Mouth Packers with PTFE Faced PE-lined Caps

Value priced bottles ideal for storing dry materials

- Amber glass for light-sensitive powders
- Wide mouth for easy filling and for complete removal of contents



02-911-443
(shown without cap)

Capacity	Screw Cap Size	Cat. No.	Case of
1 oz. (30mL)	28mm-400	02-911-438	24/82.29
2 oz. (60mL)	33mm-400	02-911-439	24/97.20
4 oz. (125mL)	38mm-400	02-911-440	24/117.11
8 oz. (250mL)	45mm-400	02-911-441	24/155.58
16 oz. (500mL)	53mm-400	02-911-442	12/101.03
32 oz. (1000mL)	53mm-400	02-911-443	12/130.41
42 oz. (1250mL)	70mm-400	02-911-796	6/103.56
85 oz. (2500mL)	70mm-400	02-911-854	12/406.31

BURETS

Fisherbrand* Acid-Dispensing Burets

Class A

Precision-grade buret has joint that fits into neck of reservoir bottle.

INCLUDES: PTFE stopcock, reservoir, and aspirator bulb.

Fisherbrand* Automatic Burets with Pinch Valve

With storage bottle

- Insert bead into rubber tubing
- Pinch to stop the flow of liquids

INCLUDES: Glass buret with central filling tube, clear or amber glass reservoir bottle and delivery tip, rubber stopper, rubber bulb, glass air tube, and glass bead



03-843-1B

Capacity	Subdivision	Reservoir Capacity	Cat. No.	Each
With clear glass reservoir				
10mL	0.10mL	500mL	03-843-1A	233.45
25mL	0.10mL	500mL	03-843-1B	218.60
With amber glass reservoir				
10mL	0.10mL	500mL	03-843-2A	267.79
25mL	0.10mL	500mL	03-843-2B	186.25

BURETS

Fisherbrand* Clear Automatic Replacement Burets for 03-842 Series

For 03-842-1 and 03-842-2 Series. With glass stopcocks.



Capacity	Cat. No.	Each
10mL	03-842-3A	201.23
25mL	03-842-3B	246.15

Fisherbrand* Automatic Burets with Stopcock

Ideal for storing standard solutions

INCLUDES: Clear or amber glass reservoir bottle, rubber stopper, one glass buret with central filling tube, rubber bulb, glass and rubber tubing connections, and glass stopcock.



03-842-1B

Capacity	Subdivision	Reservoir Capacity	Cat. No.	Each
With clear glass reservoir				
10mL	0.10mL	500mL	03-842-1A	202.85
25mL	0.10mL	500mL	03-842-1B	206.89
With amber glass reservoir				
25mL	0.10mL	500mL	03-842-2B	231.30

Fisherbrand* Automatic Burets for Petroleum Neutralization

Class A

- Borosilicate glass construction

INCLUDES: PTFE fluorocarbon resin stopcock, reagent bottle and aspirator bulb.

COMPLIANCE: Meet ASTM* D 974



03-845 Series

Capacity	Subdiv.	Tolerance	Reservoir Capacity	Joint No.	Cat. No.	Each
5mL	0.02mL	±0.01mL	1000mL	24/40	03-845AAT	528.61
10mL	0.05mL	±0.02mL	1000mL	24/40	03-845AT	492.05
25mL	0.10mL	±0.03mL	1000mL	24/40	03-845BBT	563.09
50mL	0.10mL	±0.05mL	2000mL	29/42	03-845BT	643.81

BURETS

Fisherbrand* Dispensing Buret

For educational and routine use

With straight glass stopcock.



03-790A

Capacity	Subdivision	Cat. No.	Each	Case of 6
250mL	1mL	03-790A	333.81	1716.69

Fisherbrand* Schellbach Burets

With straight glass stopcock

- Accentuate meniscus for easy reading
- Accuracy established within the limits of error allowed by NIST*

Inset shows top configuration.



03-740 Series

Capacity	Subdivision	Tolerance	Cat. No.	Each	Case of
0.845 oz. (25mL)	0.10mL	±0.06mL	03-740A	171.20	12/2054.40
1.69 oz. (50mL)	0.10mL	±0.10mL	03-740B	161.20	12/1934.40
3.381 oz. (100mL)	0.20mL	±0.20mL	03-740C	200.70	6/1204.20

Fisherbrand* Machlett Automatic Burets

Class A

- Gravity filling eliminates errors and guards against deterioration of liquids affected by air
- Half turn of PTFE-plug stopcock fills buret; another half turn dispenses liquid
- Overflow is automatically drawn back into reservoir through tube connecting reservoir with overflow tube
- With stopcock handle in horizontal position, all action stops
- Single air intake on reservoir neck is protected by drying tube, which removes moisture from incoming air
- Can be used in multiples by connecting central storage vessel to each reservoir neck opening—when used in this way, detachable drying tube is placed on storage vessel



03-847-1 Series

Inset shows top configuration.

Capacity	Subdivision	Tolerance	Capacity [Reservoir]	Cat. No.	Each
0.0021 oz. (2mL)	0.01mL	±0.01mL	0.5283 oz. (500mL)	03-847-1A	420.55
0.0053 oz. (5mL)	0.02mL	±0.01mL	1.056 oz. (1000mL)	03-847-1B	483.77
0.01 oz. (10mL)	0.05mL	±0.02mL	1.056 oz. (1000mL)	03-847-1C	488.43
0.026 oz. (25mL)	0.10mL	±0.03mL	2.11 oz. (2000mL)	03-847-1D	532.97
0.0528 oz. (50mL)	0.10mL	±0.05mL	2.11oz. (2000mL)	03-847-1E	592.77

Fisherbrand* Schellbach Burets with Three-Way Stopcock

Automatic zeroing

- Tip located in overflow cup with drain at side
- Calibrated to a tip at top
- Black graduations with Schellbach stripe

Inset shows top configuration.

COMPLIANCE: Meet ASTM* E 287



03-750C

Capacity [ENGLISH]	Subdivision	Tolerance	Cat. No.	Each	Case of 6
0.026 oz. (25mL)	0.10mL	±0.06mL	03-750A	380.89	6/1953.24
0.0528 oz. (50mL)	0.10mL	±0.10mL	03-750B	361.97	6/1856.31
0.1057 oz. (100mL)	0.20mL	±0.20mL	03-750C	428.52	6/2197.50

CELLS

Fisherbrand* by Hellma Quartz, Silica and Glass Standard Cells for Spectrophotometers

Available with a variety of window materials for wide range of assays



14-385-910C

Lightpath	Capacity	Height	With	Cat. No.	Pack of
With Suprasil* 300 quartz windows					
1mm	0.3mL	45mm	Glass cover	14-385-906A	2/569.77
10mm	3.0mL	45mm	PTFE cover	14-385-906C	2/486.15
10mm	3.0mL	45mm	PTFE cover	14-385-908C	4/965.80
10mm	3.0mL	46mm	PTFE stopper	14-385-908D	4/1377.62
With Suprasil quartz windows					
1mm	0.3mL	45mm	Glass cover	14-385-902A	2/458.07
5mm	1.5mL	45mm	PTFE cover	14-385-902B	2/451.69
10mm	3.0mL	45mm	PTFE cover	14-385-902C	2/395.82
10mm	3.0mL	45mm	PTFE cover	14-385-904C	4/785.21
10mm	3.0mL	46mm	PTFE stopper	14-385-904D	4/1139.80
With standard silica windows					
10mm	3.0mL	45mm	PTFE cover	14-385-910C	2/316.98
10mm	3.0mL	45mm	PTFE cover	14-385-912C	4/627.56
With near-UV glass windows					
10mm	3.0mL	45mm	PTFE cover	14-385-910A	2/199.07
10mm	3.0mL	45mm	PTFE cover	14-385-912A	4/391.64
With optical glass windows					
10mm	3.0mL	45mm	PTFE cover	14-385-910B	2/128.40
10mm	3.0mL	45mm	PTFE cover	14-385-912B	4/250.36

Fisherbrand* by Hellma Quartz Fluorescence Cells for Spectrophotometers

Fluorescence cells with optically polished sides and bottom



14-385-918A

Lightpath	Capacity	Height	With	Cat. No.	Pack of
With Suprasil* quartz windows					
10mm	3.0mL	45mm	PTFE cover	14-385-918A	2/643.06
10mm	3.0mL	45mm	PTFE cover	14-385-920A	4/1258.01
10mm	3.0mL	46mm	PTFE stopper	14-385-918B	2/813.66

Fisherbrand* by Hellma Quartz and Glass Micro Cells for Spectrophotometers

Micro cells with 2mm inside width.



14-385-927B

Lightpath	Capacity	Height	With	Cat. No.	Pack of
With Suprasil* quartz windows					
10mm	0.5mL	25mm	PTFE cover	14-385-927B	2/414.38
10mm	0.5mL	45mm	PTFE cover	14-385-928A	2/607.13
With Suprasil windows and black quartz sidewalls					
10mm	0.5mL	45mm	PTFE cover	14-385-928B	2/940.28
With near-UV glass windows					
10mm	0.5mL	25mm	PTFE cover	14-385-927A	2/204.31

Fisherbrand* by Hellma Quartz Semimicro Cells for Spectrophotometers

Semimicro cells with 4mm inside width.



14-385-914A

Lightpath	Capacity	Height	With	Cat. No.	Pack of
With Suprasil quartz windows					
10mm	1.0mL	1.77" (45mm)	PTFE cover	14-385-914A	2/472.03
10mm	1.0mL	1.77" (45mm)	PTFE cover	14-385-916A	4/937.61
10mm	1.0mL	1.81" (46mm)	PTFE stopper	14-385-914B	2/662.45

Fisherbrand* by Hellma Quartz Ultramicro Cells

Available with a variety of window materials for wide range of assays

- 8.5mm center height fits most Beckman* Instruments and Spectronic* spectrophotometers
- 15.0mm cells fit most Hewlett-Packard*, Perkin-Elmer*, Shimadzu*, Unicam* and GBC spectrophotometers
- Choose correct center height such that optical aperture matches center position of light beam



14-385-928E

Lightpath	Center Height	Capacity	Outside Height	With	Cat. No.	Each
Self-masking black quartz with Suprasil* windows						
10mm	8.5mm	100µL	45mm	PTFE stopper	14-385-928C	598.49
10mm	15mm	100µL	45mm	PTFE stopper	14-385-928D	598.49
10mm	8.5mm	50µL	45mm	PTFE stopper	14-385-928E	598.49
10mm	15mm	50µL	45mm	PTFE stopper	14-385-928F	598.49

CELLS

Fisherbrand* by Hellma Black Self-Masking Quartz Micro Flow Cells

Choose from two styles

- All cells are 12.5mm square
- Cell chamber is completely surrounded by opaque black quartz, eliminating the need to mask the instrument light beam
- Wavelength range for all cells is 190 to 2600nm and 2850 to 3600nm



14-385-926A

Compact Cells

- 35mm high
- Two screw connectors (M 6 x 1)
- Flanged FEP tubing (O.D. 1.9mm, I.D. 1.1mm x 500mm long)

Standard Cells

- Fused-on inlet and outlet tubes

ORDERING INFORMATION: Select cells with center height appropriate to match the cell aperture center with the center position of the light beam in your spectrophotometer. Example: center height is 8.5mm for Beckman* or Spectronic* instruments; center height is 15mm for Hewlett-Packard*, Perkin-Elmer*, and Shimadzu* instruments.

Lightpath	Capac.	Outside Height	Center Height	Aperture	Cat. No.	Each
Compact Cells						
0.1mm	6.2µL	35mm	----	17.5 x 3.5mm	14-385-933B	1570.43
0.2mm	12.4µL	35mm	----	17.5 x 3.5mm	14-385-933C	1570.43
0.5mm	31µL	35mm	----	17.5 x 3.5mm	14-385-933D	1570.43
1.0mm	62µL	35mm	----	17.5 x 3.5mm	14-385-933E	1220.94
2.0mm	124µL	35mm	----	17.5 x 3.5mm	14-385-933F	1220.94
5mm	195µL	35mm	8.5mm	11 x 3.5mm	14-385-933G	1354.30
5mm	195µL	35mm	15mm	11 x 3.5mm	14-385-933H	1354.30
10mm	390µL	35mm	8.5mm	11 x 3.5mm	14-385-933J	890.44
10mm	390µL	35mm	15mm	11 x 3.5mm	14-385-933K	890.44
10mm	80µL	35mm	8.5mm	3mm dia.	14-385-933L	913.53
10mm	80µL	35mm	15mm	3mm dia.	14-385-933M	895.79
Standard Cells						
10mm	750µL	45mm	15mm	11 x 6.5mm	14-385-926A	632.56
10mm	450µL	45mm	15mm	11 x 4mm	14-385-926B	638.88

Fisherbrand* by Hellma Cylindrical Cells

Cylindrical cells have a filler neck and tapered PTFE stopper (two necks and stoppers on 50 and 100mm lightpath cells).



14-385-932E

- Uniform diameter of 22mm
- Fit standard cell holders
- Available with Suprasil* quartz or near-UV glass windows

Lightpath	Capacity	No. of Stoppers	Cat. No.	Pack of 2
With Suprasil quartz windows				
10mm	3.1mL	1	14-385-930C	520.93
20mm	6.3mL	1	14-385-930D	539.82
50mm	16mL	2	14-385-930E	720.21
100mm	31mL	2	14-385-930F	792.62
With near-UV glass windows				
10mm	3.1mL	1	14-385-932C	343.69
20mm	6.3mL	1	14-385-932D	359.03
50mm	16mL	2	14-385-932E	428.42
100mm	31mL	2	14-385-932F	482.19

Fisher Scientific* Electrophotometer II Colorimeter Standard Absorption Cell

Supplied with instrument

23mL capacity; 23mm pathlength.

Cat. No.	Pack of 6
07-102	69.31

Fisherbrand* Cell Washer

Single- or double-cell capacity

Use with filter flask (not included) to quickly and safely clean either one 10mm cell or two 10mm cells simultaneously.



14-385-946B

Capacity	Cat. No.	Each
Single Cell	14-385-946A	195.00
Double Cell	14-385-946B	278.00

CYLINDERS: TO CONTAIN

Fisherbrand* Serialized Class A Cylinders with Certificate of Traceability

Calibrated “To Contain”

INCLUDES: Certificate indicates that cylinder is individually calibrated and certified against equipment whose calibration is traceable to the National Institute of Standards and Technology (NIST); lists the weight set used, the test number, and the date of testing. Traceability Certificate of Calibration and Certificates of Calibration that list apparent volumes and calibration correction factors.



08-559E, 08-559D

Fisherbrand* Serialized Class A Cylinders with Certificate of Traceability

Capac.	Subdiv.	Tol.	Approx. Height	Cat. No.	Each	Case of
10mL	0.1mL	±0.10mL	140mm	08-559A	86.29	6/451.40
25mL	0.5mL	±0.17mL	140mm	08-559B	98.16	6/513.52
50mL	1mL	±0.25mL	190mm	08-559C	103.32	6/540.46
100mL	1mL	±0.50mL	260mm	08-559D	99.54	6/520.66
250mL	2mL	±1.00mL	330mm	08-559E	113.39	4/395.42
500mL	5mL	±2.00mL	375mm	08-559F	137.07	4/461.70
1000mL	10mL	±3.00mL	460mm	08-559G	166.76	2/280.85
2000mL	20mL	±6.0mL	520mm	08-559H	246.00	----

Fisherbrand* Serialized Class A Graduated Cylinders with Certificate of Calibration

Capac.	Subdiv.	Tol.	Approx. Height	Cat. No.	Each	Case of
10mL	0.1mL	±0.10mL	140mm	08-559AC	280.93	6/1419.41
25mL	0.5mL	±0.17mL	140mm	08-559BC	289.20	6/1461.15
50mL	1mL	±0.25mL	190mm	08-559CC	286.94	6/1449.77
100mL	1mL	±0.50mL	260mm	08-559DC	244.43	1/1466.60
250mL	2mL	±1.0mL	330mm	08-559EC	336.42	4/1133.14
500mL	5mL	±2.0mL	375mm	08-559FC	322.79	4/1087.28
1000mL	10mL	±3.0mL	460mm	08-559GC	----	2/672.87
2000mL	20mL	±6.0mL	520mm	08-559HC	416.92	----

Fisherbrand* Standard Class B Graduated Cylinders

Calibrated “To Contain”

- White-ceramic graduations
- Heavy round bases (except 2000mL size, which has molded hexagonal base)
- Handy pouring spouts
- Accuracy is assured even at the lowest graduations

COMPLIANCE: 100mL size meets ASTM* E 133 requirements

Used in ASTM tests D 86 and D 447

Capac.	Subdiv.	Tol.	Approx. Height	Cat. No.	Each	Case of
10mL	0.2mL	±0.2mL	140mm	08-557-1A	2/42.26	12 Pk./427.01
25mL	0.5mL	±0.34mL	140mm	08-557-1B	25.91	18/392.64
50mL	1mL	±0.5mL	190mm	08-557-1C	24.77	18/356.80
100mL	1mL	±1.0mL	260mm	08-557-1D	28.55	12/274.00
250mL	2mL	±2.0mL	330mm	08-557-1E	42.45	12/428.94
500mL	5mL	±4.0mL	375mm	08-557-1F	54.40	8/348.20
1000mL	10mL	±6.0mL	460mm	08-557-1G	79.60	4/277.59
2000mL	20mL	±12mL	520mm	08-557-1H	140.55	4/473.41

Fisherbrand* Class B Cylinders with Single English Scale, Graduated in Ounces

- Accuracy assured even at lowest graduations. Zero at bottom.
- Calibrated “To Contain.”



08-563C

Capac.	Subdiv.	Tol.	Cat. No.	Each
4 oz.	1/16 oz.	±0.3 dr.	08-563B	38.78
8 oz.	1/8 oz.	±0.7 dr.	08-563C	52.44
16 oz.	1/4 oz.	±1.0 dr.	08-563D	73.44
32 oz.	1/2 oz.	±1.5 dr.	08-563E	113.45

Fisherbrand* Class B Mixing Cylinders

Calibrated “To Contain”

- Double metric scale
- White-enamel graduations
- Ground-glass pennyhead stoppers
- First 10% of volume not graduated



08-565E

Capac.	Subdiv.	Tol.	Cat. No.	Each	Case of
10mL	0.2mL	±0.1mL	08-565A	87.39	12/723.20
25mL	0.5mL	±0.3mL	08-565B	120.98	12/1001.27
50mL	1mL	±0.4mL	08-565C	133.89	12/1108.02
100mL	1mL	±0.6mL	08-565D	135.47	12/1121.08
250mL	2mL	±1.4mL	08-565E	229.08	6/947.87
500mL	5mL	±2.6mL	08-565F	260.04	6/1076.05

CYLINDERS: TO DELIVER

Fisherbrand® Serialized Class A Cylinders with Certificate of Traceability

Calibrated “To Deliver”

INCLUDES: Certificate that indicates cylinder is individually calibrated and certified against equipment whose calibration is traceable to the National Institute of Standards and Technology (NIST); lists the weight set used, the test number, and the date of testing



08-557F

Capac.	Subdiv.	Tol.	Approx. Height	Cat. No.	Each	Case of
10mL	0.1mL	±0.10mL	175mm	08-557A	85.90	6/449.30
25mL	0.2mL	±0.17mL	200mm	08-557B	94.01	6/491.84
50mL	1mL	±0.25mL	225mm	08-557C	94.79	6/495.88
100mL	1mL	±0.50mL	255mm	08-557D	101.48	6/530.86
250mL	2mL	±1.00mL	330mm	08-557E	116.40	4/405.93
500mL	5mL	±2.0mL	375mm	08-557F	139.45	4/469.67
1000mL	10mL	±3.0mL	460mm	09-730-30	164.28	2/276.67
2000mL	20mL	±6.0mL	520mm	08-557H	240.90	----

Fisherbrand® Serialized Class A Cylinders with Certificate of Calibration

Calibrated “To Deliver”

INCLUDES: Individual fused-in serial numbers and, in addition to traceability certification, are supplied with Certificates of Calibration that list apparent volumes and calibration correction factors



08-557AC, 08-557DC

Capac.	Subdiv.	Tol.	Approx. Height	Cat. No.	Each	Case of
10mL	0.1mL	±0.10mL	175mm	08-557AC	283.11	6/1430.38
25mL	0.2mL	±0.17mL	200mm	08-557BC	288.43	6/1457.28
50mL	1mL	±0.25mL	225mm	08-557CC	289.17	6/1460.94
100mL	1mL	±0.40mL	255mm	08-557DC	295.38	6/1492.34
250mL	2mL	±0.50mL	330mm	08-557EC	320.63	4/1079.97
500mL	5mL	±1.0mL	375mm	08-557FC	326.25	4/1098.89
1000mL	10mL	±6.0mL	460mm	09-730-31	----	2/670.54
2000mL	20mL	±2.0mL	520mm	08-557HC	416.92	----

Fisherbrand® Standard Class B Graduated Cylinders

Calibrated “To Deliver”

- White-ceramic graduations
- Heavy round bases
- Handy pouring spouts
- Accuracy is assured even at the lowest graduations; first 10% volume is not graduated

Capac.	Subdiv.	Tol.	Approx. Height	Cat. No.	Each	Case of
5mL	0.1mL	±0.1mL	120mm	08-550A	21.19	36/601.41
10mL	0.2mL	±0.20mL	140mm	08-550B	18.88	36/543.65
25mL	0.5mL	±0.34mL	140mm	08-550C	27.49	36/780.14
50mL	1mL	±0.50mL	190mm	08-550D	31.02	36/880.25
100mL	1mL	±1.00mL	260mm	08-550E	36.78	36/1043.56
250mL	2mL	±2.0mL	330mm	08-550F	46.90	18/675.32
500mL	5mL	±4.0mL	375mm	08-550G	67.01	12/643.22
1000mL	10mL	±6.0mL	460mm	08-550H	83.49	8/582.40
2000mL	20mL	±12.0mL	520mm	08-550J	137.88	6/696.66

Fisherbrand® Class B Cylinders with Single Amber Metric Scale

Calibrated “To Deliver”

- Ideal for use with light-colored liquids
- Dark amber graduations provide contrast for easy readings
- Heavy round bases and pouring spouts
- Accuracy is assured even at lowest graduations; first 10% of volume is not graduated



08-570E

COMPLIANCE: Designed from ASTM* E 1272, Style 1, Class B requirements.

Capac.	Subdiv.	Tol.	Approx. Height	Cat. No.	Each	Case of
5mL	0.1mL	±0.1mL	120mm	08-570A	20.84	36/591.99
10mL	0.2mL	±0.20mL	140mm	08-570B	19.30	36/556.01
25mL	0.5mL	±0.34mL	140mm	08-570C	27.99	36/794.10
50mL	1mL	±0.50mL	190mm	08-570D	31.55	36/894.85
100mL	1mL	±1.00mL	260mm	08-570E	37.62	36/1067.98
250mL	2mL	±2.0mL	330mm	08-570F	47.75	18/687.62
500mL	5mL	±4.0mL	375mm	08-570G	68.22	12/654.94
1000mL	10mL	±6.0mL	460mm	08-570H	83.76	8/584.18
2000mL	20mL	±12.0mL	520mm	08-570J	140.39	6/709.37

Fisherbrand® Class B Cylinders with Double Metric Scales

Calibrated “To Deliver”

- Two sets of white ceramic graduations for reading up or down
- Heavy base
- Pouring lip
- Accuracy assured even at lowest graduations; first 10% of volume at bottom is not graduated



08-555D

Capac.	Subdiv.	Tol.	Cat. No.	Each	Case of
10mL	0.2mL	±0.20mL	08-555A	19.85	36/571.81
25mL	0.5mL	±0.34mL	08-555B	27.22	36/772.08
50mL	1mL	±0.50mL	08-555C	23.84	36/686.63
100mL	1mL	±1.00mL	08-555D	28.07	36/808.33
250mL	2mL	±2.0mL	08-555E	43.14	18/621.27
500mL	5mL	±4.0mL	08-555F	57.57	12/552.73
1000mL	10mL	±6.0mL	08-555G	74.32	8/475.67

Fisherbrand® Low-Form Cylinders with Double Metric Scales

Calibrated “To Deliver”

- Two white scales for reading up or down
- Accuracy assured even at lowest graduations
- Won't easily tip
- Two pouring lips



08-562A

Capac.	Subdiv.	Tol.	Approx. Height	Cat. No.	Each	Case of
50mL	1mL	±1.5mL	145mm	08-562A	41.00	414.11
100mL	2mL	±1.5mL	150mm	08-562B	46.20	466.68

CYLINDERS: SPECIAL PURPOSE

Fisherbrand* Cylinder for Petroleum Distillations

100mL, in 1mL subdivisions. For use as receivers with distillation units.

COMPLIANCE: Meets ASTM* E 133, D 850 and D 86 specifications.



08-558

Capac.	Cat. No.	Each	Case of 12
100mL	08-558	40.53	405.22

Fisherbrand* Borosilicate Cylinders without Pouring Lip

Ungraduated

- Heavy-wall construction resists breakage
- Fused round base
- For use with hydrometers



08-535C

Approx. Capac.	O.D.	Approx. Height		Cat. No.	Each	Case of
		Inside	Outside			
50mL	25mm	140mm	150mm	08-535A	17.83	6/90.06
125mL	41mm	135mm	150mm	08-535B	29.07	24/549.79
175mL	41mm	185mm	200mm	08-535C	25.70	24/486.25
225mL	41mm	235mm	250mm	08-535E	43.45	24/821.95
500mL	51mm	285mm	300mm	08-535F	41.98	18/636.36
620mL	51mm	360mm	375mm	08-535G	46.25	18/701.09

Fisherbrand* Borosilicate Cylinders with Pouring Lip

Ungraduated

- Heavy-wall construction resists breakage
- Fused round base
- For use with hydrometers



08-530F

Approx. Capac.	O.D.	Approx. Height		Cat. No.	Each	Case of
		Inside	Outside			
25mL	25mm	115mm	125mm	08-530A	16.19	24/306.42
50mL	25mm	140mm	150mm	08-530B	16.93	24/320.47
125mL	41mm	135mm	150mm	08-530C	18.80	24/355.69
175mL	41mm	185mm	200mm	08-530E	21.82	24/412.78
225mL	41mm	235mm	250mm	08-530F	26.33	36/747.55
275mL	41mm	285mm	300mm	08-530G	29.45	18/446.32
300mL	41mm	310mm	325mm	08-530J	31.39	12/317.26
350mL	41mm	360mm	375mm	08-530K	31.36	12/316.85
600mL	51mm	360mm	375mm	08-530L	39.52	12/399.34
1000mL	64mm	440mm	460mm	09-730-32	47.41	----
2000mL	82.5mm	500mm	520mm	09-730-33	98.07	----

DESICCATORS

Fisher Scientific* Heavy Glass Desiccators

- Apply grease to internal edges of flanges
- Press lid on jar and rotate at least 360° to ensure airtight seal
- Rim in lower portion of jar holds sample plate over desiccant



08-595 Series

INCLUDES: Cover

REQUIRES: Desiccant plate

I.D.	Uses Plate	Cat. No.	Each
100mm	95mm	08-595A	94.35
125mm	115mm	08-595B	111.44
150mm	142mm	08-595C	128.47
200mm	190mm	08-595D	213.65
250mm	230mm	08-595E	256.59

Fisher Scientific* Desiccator with Porcelain Plate

- Similar to 08-595 Series
- Desiccant-holding chamber has straight sides
- Sample plate has 5mm center hole, glaze on one side, and no feet



08-615 Series

INCLUDES: Cover and porcelain plate (08-641 Series)

I.D.	Cat. No.	Each
200mm	08-615A	243.52
250mm	08-615B	288.19

Fisherbrand* Polypropylene Desiccator Plates

Unbreakable, economical

- Without feet
- Outside rim is flanged to increase rigidity and retard sliding

ORDERING INFORMATION:
Thickness: 6mm; center hole: 3/4" (2cm)



08-643-2 Series

Plate Dia.	Hole Dia.	No. Holes	Cat. No.	Each	Case of 10
140mm	6mm	24	08-643-2A	24.34	200.30
190mm	11mm	24	08-643-2B	29.12	240.77
238mm	14mm	32	08-643-2C	32.97	276.68

EVAPORATOR TRAPS

Fisher Scientific* Rotary Evaporator Trap with Drain Holes

K5702050124



Capacity	Standard Taper Joint No. (Inner Bottom)	Standard Taper Joint No. (Outer Top)	Cat. No.	Each
100mL	14/20 Joint	24/40 top outer joint	K5702050114	149.35
100mL	19/22 Joint	24/40 top outer joint	K5702050119	146.53
100mL	24/40 Joint	24/40 top outer joint	K5702050124	149.35
100mL	24/40 Joint	24/40 top outer joint	K5702051024	151.08
250mL	14/20 Joint	24/40 top outer joint	K5702052514	153.06
250mL	24/40 Joint	24/40 top outer joint	K5702052524	153.06

Fisher Scientific* Rotary Evaporator Trap with Square Joint Bead, with Drain Holes

Capacity	Standard Taper Joint No. (Inner Bottom)	Standard Taper Joint No. (Outer Top)	Cat. No.	Each
100mL	14/20 bottom inner joint	24/40 top outer joint	K5702650114	149.35
100mL	24/40 bottom inner joint	24/40 top outer joint	K5702650124	149.35

FLASKS: BOILING

Fisherbrand* Reusable Glass Flat-Bottom Boiling Flasks

Rugged short neck

- Features short 24/40 Joint

COMPLIANCE: Designed from ASTM* Specification E 1403, Type I, Class 4 requirements



FB-200-125

Capacity	Outside Dia.	H	Cat. No.	Pack of	Case of
4.22 oz. (125mL)	2.55" (65mm)	4.52" (115mm)	FB-200-125	32.91	12/303.79
8.45 oz. (250mL)	3.26" (83mm)	5.23" (133mm)	FB-200-250	32.58	12/300.72
16.9 oz. (500mL)	4.01" (102mm)	6.1" (155mm)	FB-200-500	36.28	12/334.93

Fisherbrand* Reusable Glass Round-Bottom Boiling Flasks with Joint

Feature full length 24/40 Joint

- Accept 4195R stopper

COMPLIANCE: Designed from ASTM* Specification E 1403, Type II, Class 3 requirements

Capacity	Height	Outside Dia.	Cat. No.	Pack of	Case of
3.38 oz. (100mL)	4.52" (115mm)	2.48" (63mm)	FB-201-100	2/60.54	6 CS/279.40
8.45 oz. (250mL)	5.51" (140mm)	3.26" (83mm)	FB-201-250	2/63.33	6 CS/292.27
16.90 oz. (500mL)	6.29" (160mm)	4.01" (102mm)	FB-201-500	2/69.73	6 CS/321.81
33.8 oz. (1000mL)	7.48" (190mm)	5.11" (130mm)	FB-201-1000	2/79.19	6 CS/365.56

FLASKS: ERLLENMEYER

Fisherbrand* Reusable Glass Narrow-Mouth Erlenmeyer Flasks

Useful in measuring and mixing solutions where a high degree of accuracy is not necessary



FB-500-500

- Reinforced top tooled with a rounded finish
- Thick-walled body
- Long, tapered outside contour minimizes chipping
- White ceramic enamel marking spot
- Capacity scale indicates approximate volume

COMPLIANCE: Designed from ASTM* Specification E 1404, Type 1, Class 1 requirements

Narrow-mouth

Capacity	Stopper No.	Graduated Interval	Cat. No.	Pack of	Case of
25mL	0	10 to 25mL	FB-500-25	12/65.03	4 Pk./200.07
50mL	1	20 to 50mL	FB-500-50	12/65.03	4 Pk./200.07
125mL	5	50 to 125mL	FB-500-125	12/62.15	4 Pk./191.25
250mL	6	50 to 225mL	FB-500-250	12/64.39	4 Pk./198.11
500mL	7	100 to 500mL	FB-500-500	6/40.56	4 Pk./187.21
1000mL	9	250 to 1000mL	FB-500-1000	6/65.90	4 Pk./202.78
2000mL	10	600 to 2000mL	FB-500-2000	4/102.42	2 Pk./157.58
4000mL	10	1000 to 4000mL	FB-500-4000	----	81.39
6000mL	10	1500 to 6000mL	FB-500-6000	----	149.70

Wide-mouth

Capacity	Graduated Interval	Stopper No.	Approx. O.D.	Approx. Height	Cat. No.	Pack of	Case of
125mL	1.69 to 4.22 oz. (50 to 125mL)	6	2.59" (66mm)	108mm	FB-501-125	12/72.87	4/224.24
250mL	1.69 to 7.6 oz. (50 to 225mL)	8	3.03" (77mm)	130mm	FB-501-250	12/77.53	4/238.57
500mL	3.38 to 16.9 oz. (100 to 500mL)	10	3.81" (97mm)	172mm	FB-501-500	6/48.83	6/225.40
1000mL	8.45 to 33.8 oz. (250 to 1000mL)	11	4.80" (122mm)	216mm	FB-501-1000	6/81.48	4/250.73
2000mL	20.28 to 67.6 oz. (600 to 2000mL)	13	6.33" (161mm)	265mm	FB-501-2000	4/101.81	2/156.63

FLASKS: FILTER

Fisherbrand® Reusable Heavy-Wall Filter Flasks

With heavier walls than standard Erlenmeyer flasks

- Side tubulation
- Capacity scale
- Designed to take 1 atmosphere of vacuum or 20" of mercury
- Sizes 125mL through 500mL have side hose connection designed to accept 0.31" I.D. flexible tubing
- Sizes 1000mL and larger accept 0.38" I.D. tubing

COMPLIANCE: Designed from ASTM* Specification E 1406, Type II, Class I requirements



FB-300-2000

Capacity	Stopper No.	Graduation Range	Inside Diameter	Outside Diameter	Height	Cat. No.	Pack of	Case of
250mL	6	75 to 250mL	25mL	83mm	163mm	FB-300-250	6/127.50	18/294.22
500mL	7	150 to 500mL	50mL	104mm	190mm	FB-300-500	6/223.28	18/515.27
1000mL	8	300 to 1000mL	50mL	135mm	238mm	FB-300-1000	6/352.38	12/542.12
2000mL	9	600 to 2000mL	100mL	168mm	300mm	FB-300-2000	1/92.05	----
4000mL	12	1000 to 4000mL	250mL	208mm	380mm	FB-300-4000	1/135.21	----

FLASKS: VOLUMETRIC

Fisherbrand® Reusable Glass Class A Volumetric Flasks with Stopper

Single graduation ring blasted on the neck

- Calibrated "To Contain"

INCLUDES: 41900R ground glass stopper with marking spot

COMPLIANCE: Designed from ASTM* Specification E 288, Class A unserialized requirements



FB-400-200

Capacity [METRIC]	Stopper No.	Cat. No.	Pack of	Case of
0.338 oz. (10mL)	9	FB-400-10	---	12/306.32
6.76 oz. (200mL)	16	FB-400-200	291.19	2 Pk./447.96
67.6 oz. (2000mL)	27	FB-400-2000	99.49	4/306.13
0.845 oz. (25mL)	9	10-205A	104.07	12/861.42
1.69 oz. (50mL)	9	10-205B	124.17	12/1027.53
3.38 oz. (100mL)	13	10-205C	120.88	12/1000.48
8.45 oz. (250mL)	16	10-205D	141.59	12/1171.83
16.9 oz. (500mL)	19	10-205E	230.26	12/1905.69
33.8 oz. (1000mL)	22	10-205F	277.64	6/1148.93

Fisherbrand® Reusable Glass Class A Volumetric Flasks with Snap Caps

Class A accuracy—without a serial number

- Calibrated "To Contain"

INCLUDES: 28150R polyethylene snap cap

COMPLIANCE: Designed from ASTM* Specification E 288



FB-401-10

Capacity	Stopper No.	Cat. No.	Each	Case of
0.338 oz. (10mL)	2	FB-401-10	----	12/225.31
67.6 oz. (2000mL)	8	FB-401-2000	97.64	4/269.35
0.845 oz. (25mL)	16	10-200A	65.15	12/539.08
1.69 oz. (50mL)	16	10-200B	65.23	12/539.80
3.38 oz. (100mL)	16	10-200C	72.86	12/602.94
6.76 oz. (200mL)	16	10-200D	80.83	12/669.06
8.45 oz. (250mL)	16	10-200E	85.38	12/706.70
16.9 oz. (500mL)	16	10-200F	110.21	12/912.08
33.8 oz. (1000mL)	16	10-200G	133.27	6/551.46

FUNNELS

Fisherbrand* Reusable Glass Funnels

Promote faster, more effective filtering

- Constructed with heavy uniform walls, molded rims and fire polished stems
- Formed to a 58° angle for rapid filtration
- Cone is suspended by its uppermost edge, leaving most of the conical area for filtration
- High resistance to chemical attack, mechanical and thermal shock



FB-601-5865

COMPLIANCE: Designed from ASTM* Specification E 1095, Type I, Class B requirements

Fisherbrand* Reusable Glass Long-Stem Funnels

Top Dia.	Stem Dia.	Stem Length	Fits Paper Size	Capacity	Cat. No.	Pack of	Case of
2.55" (65mm)	0.31" (8mm)	5.9" (150mm)	3.93" (110mm)	2.02 oz. (60mL)	FB-600-5865	12/119.13	4 Pk./366.51
3.93" (100mm)	0.35" (9mm)	5.9" (150mm)	7.28" (185mm)	6.25 oz. (185mL)	FB-600-58100	6/90.54	4 Pk./278.57

Fisherbrand* Reusable Glass Short-Stem Funnels

Top Dia.	Stem Dia.	Stem Length	Fits Paper Size	Capacity	Cat. No.	Pack of	Case of
1.77" (45mm)	0.25" (6.5mm)	1.96" (50mm)	2.75" (70mm)	0.64 oz. (19mL)	FB-601-5845	6/49.49	4 Pk./152.28
2.55" (65mm)	0.31" (8mm)	2.48" (63mm)	4.33" (110mm)	2.02 oz. (60mL)	FB-601-5865	12/154.07	4 Pk./474.07
2.95" (75mm)	0.31" (8mm)	2.95" (75mm)	4.92" (125mm)	3.04 oz. (90mL)	FB-601-5875	12/166.49	4 Pk./512.25
3.93" (100mm)	0.35" (9mm)	3.81" (97mm)	7.28" (185mm)	7.60 oz. (225mL)	FB-601-58100	6/107.66	4 Pk./331.26

Fisherbrand* Weighing Funnels

Weighing dish and sample transfer funnel in one

- Borosilicate glass funnels with tapered pouring necks aid microtransfer of solids and liquids
- No rocking or moving while weighing—flat bottom keeps funnel steady while on balance
- Use in temperatures to 454°C (849°F)



14-353D

ORDERING INFORMATION: Assortment pack of five includes one each of the following (diameter × L): 10 × 35mm, 15 × 40mm, 20 × 45mm, 25 × 55mm and 32 × 68mm

Dia. × L	Cat. No.	Pack of 5
15 × 40mm	14-353B	76.05
25 × 55mm	14-353D	89.89
Assortment Pack	14-353F	99.65

PIPETS: DROPPING

Fisherbrand* Glass Medicine Droppers

Inexpensive pipets with either straight or curved tips and tapered synthetic rubber bulbs



14-955-217

Glass Tube Length	Capacity	Cat. No.	Pack of	Case of
3" (76mm)	2mL	14-955-215	144/78.30	10 Pk./686.28
4" (102mm)	2.5mL	14-955-216	144/80.62	10 Pk./469.59
3" (76mm)	2mL	14-955-217	144/76.40	10 Pk./560.65
4" (102mm)	2.5mL	13-678-103	----	1440/902.39

PIPETS: MEASURING

Fisherbrand* Measuring (Mohr) Long-Tip Pipets

Long, tapered delivery tips fit easily into small vials, tubes, or cuvettes

Graduations are visible when pipets are in small vials.

COMPLIANCE: Meet requirements of Fed. Spec. NNN-P-350C, Style II-Long Taper Tip, except tip lengths are 55 to 60mm.

Capacity	Accuracy	Color Code	Cat. No.	Case of 12
5/10 in 1/100mL	±0.01mL	2 Yellow	13-664-8E	163.27
1 in 1/100mL	±0.02mL	Yellow	13-664-8F	163.27
1 in 1/10mL	±0.02mL	Red	13-664-8G	166.67
2 in 1/100mL	±0.02mL	2 White	13-664-8J	186.07
5 in 1/10mL	±0.04mL	Blue	13-664-8K	167.35

Fisherbrand* Measuring (Mohr) Standard-Taper Pipets

Fast, uniform flow times



13-665A

COMPLIANCE: Pipets meet requirements of Fed. Spec. NNN-P-350C, Style I-Standard Taper and ASTM* E 1293-94.

Capacity	Accuracy	Color Code	Cat. No.	Case of 12
1/10 in 1/100mL	±0.005mL	White	13-665A	118.18
1 in 1/100mL	±0.02mL	Yellow	13-665F	124.98
1 in 1/10mL	±0.02mL	Red	13-665G	111.36
2 in 1/10mL	±0.02mL	Green	13-665H	121.33
5 in 1/10mL	±0.04mL	Blue	13-665K	126.23
10 in 1/10mL	±0.06mL	Orange	13-665M	145.03
25 in 1/10mL	±0.10mL	White	13-665N	211.27

PIPETS: MEASURING

Fisherbrand* Serialized/Certified Measuring (Mohr) Pipets

Reusable, Class A pipets with permanently marked serial number



- Fast, uniform flow times **13-665-3M**
- Tuf-Temp*-treated to reduce chipping
- Permanent amber markings are fused to borosilicate glass
- Accuracy printed on each pipet
- A total of 23 characters, including spaces, can be imprinted on the pipet

ORDERING INFORMATION: Pipets are also available as PersonaPet* personalized pipets.

COMPLIANCE: Class A, Type 1 pipets are calibrated "To Deliver." Meet requirements of Fed. Spec. NNN-P-350C, Style 1-Standard Taper, and ASTM* E1293.

CERTIFICATIONS: Include a certificate indicating that calibration is traceable to standards provided by NIST*.

Capacity	Accuracy	Color Code	Cat. No.	Case of 6
1 in 1/10mL	±0.01mL	Yellow	13-665-3F	124.10
2 in 1/10mL	±0.01mL	Green	13-665-3H	155.46
5 in 1/10mL	±0.02mL	Blue	13-665-3K	155.08
10 in 1/10mL	±0.03mL	Orange	13-665-3M	198.42
25 in 1/10mL	±0.05mL	White	13-665-3N	364.47

PIPETS: MILK BACTERIOLOGICAL

Fisherbrand* Sterile Disposable Borosilicate Glass Milk Bacteriological Pipets



- 1.1mL size also used for milk phosphatase test **12-724-1**

ORDERING INFORMATION: Packed sterile in bags of 250

COMPLIANCE: Calibrated "To Deliver". Meet APHA requirements for making milk dilutions.

Capacity	Grad.	Tolerance	Cat. No.	Case of 1000
1.1mL	0.5, 1.0, 1.1mL	±0.025mL	12-724	368.64
2.2mL	1.0, 2.0, 2.1, 2.2mL	±0.040mL	12-724-1	383.87

Fisherbrand* Nonsterile Reusable Borosilicate Glass Milk Bacteriological Pipets

With permanent markings, Tuf-Temp* treated



COMPLIANCE: Calibrated "To Deliver" indicated amount of milk at 20°C (68°F). Meet current APHA specifications. **13-670D**

NOTES: Some states require that a special state agency approve these pipets before use; verify requirements for your state. Accuracy printed on pipets applies to milk only.

Capacity	Grad.	Tolerance	Color Code	Cat. No.	Case of 12
1mL	----	±0.025mL	Blue	13-670A	110.87
1.1mL	1.1, 1.0mL	±0.025mL	2 Green	13-670B	85.04
1.1mL	1.1, 1.0, 0.5mL	±0.025mL	----	13-670C	91.08
2.2mL	2.2, 2.1, 2.0, 1.0mL	±0.04mL	----	13-670D	102.80
5mL	----	±0.10mL	White	13-670E	135.17
10mL	----	±0.10mL	Red	13-670F	152.95
11mL	----	±0.10mL	----	13-670G	156.33

PIPETS: PASTEUR

Fisherbrand* Disposable Borosilicate Glass Pasteur Pipets

Constriction near top prevents plugs from slipping into pipet body



13-678-20A

- High-quality borosilicate glass
- Ends are square cut
- Plugs not supplied
- Tips held to close diameter tolerances

COMPLIANCE: Designed from ASTM* E 732 specifications

Approx. Length	Cat. No.	Case of
5 3/4" (146mm)	13-678-20A	720/80.84
5 3/4" (146mm)	13-678-20B	1440/146.89
9" (229mm)	13-678-20C	720/82.99
9" (229mm)	13-678-20D	1440/154.27

Fisherbrand* Pasteur Pipets

Excellent for use in blood banks, hematology, chemistry, bacteriology and all general laboratory applications

Strong corrugated packaging is used to provide maximum protection from external shock and each pack contains a foam pad to protect the pipet tips.



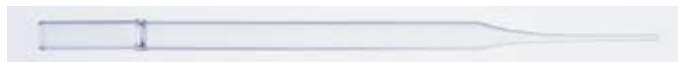
Top to bottom: **22-209-353, 22-063-156, 22-209-361**

- Manufactured from borosilicate or soda lime glass to conform to rigid specifications
- Straight-cut tips and smooth, fire-polished tops to facilitate bulb attachment
- I.D., top: 7mm; tips: 0.9 to 1.25mm
- Positive constriction approximately 1" from the top to prevent cotton plugs from slipping into pipet barrel
- Easel configuration of each pack keeps pipets orderly and easily accessible

Length	Material	Cat. No.	Case of
Plain			
5.75" (150mm)	Soda Lime Glass	22-063-156	5 Pk./131.40
9" (229mm)	Soda Lime Glass	22-063-172	5 Pk./137.03
5.75" (150mm)	Soda Lime Glass	22-042-816	4 Pk./112.69
9" (229mm)	Soda Lime Glass	22-042-817	4 Pk./136.86
5.75" (150mm)	Borosilicate Glass	22-183-624	1000/153.24
9" (229mm)	Borosilicate Glass	22-183-632	1000/206.21
Cotton-Plugged			
5.75" (150mm)	Soda Lime Glass	22-209-353	250/235.85
9" (229mm)	Soda Lime Glass	22-209-361	250/299.62
5.75" (150mm)	Borosilicate Glass	22-209-379	250/278.97

Fisherbrand* Disposable Soda-Lime Glass Pasteur Pipets

Ideal for transferring samples to sample cups and for drop counting



13-678-6A

- Uniform bore
- Tip openings range from 0.80 to 1.20mm
- Top and tip free of sharp edges
- Can be cotton plugged (plugs not included)
- Carton top folds back—tilts carton into convenient dispensing position

COMPLIANCE: Conform to government specifications in design, style

Approx. Length	Cat. No.	Pack of 250	Case of 4 Pack
5 3/4" (146mm)	13-678-6A	37.32	119.42
9" (229mm)	13-678-6B	41.19	131.80

PIPETTS: PASTEUR

Fisherbrand* Disposable Flint-Glass Pasteur Pipets in Stand-Up Case

Tip openings range from 0.80 to 1.40mm

- High-quality flint glass pipets in convenient stand-up case
- Saves bench space
- Approximate volume: 2mL
- Can be cotton plugged (plugs not included)



22-230-490

ORDERING INFORMATION: 100 pipets per pack, 10 packs per case

COMPLIANCE: Designed to meet ASTM* E 732 specifications

Approx. Length	Cat. No.	Case of 1000
5 ³ / ₄ " (150mm)	22-230-482	125.75
9" (229mm)	22-230-490	177.32

Fisherbrand* Disposable Controlled-Drop Pasteur Pipets

Perfect for blood typing and cross-matching procedures in blood bank laboratories

- Deliver 22 to 26 drops per mL
- Correspond to drop size from antisera reagent bottle droppers
- Can be cotton plugged (plugs not included)
- Borosilicate or flint glass



13-678-30 (top), 13-678-6C (bottom)

ORDERING INFORMATION: 250 pipets per pack, 4 packs per case.

Approx. Length	Glass Type	Cat. No.	Case of 1000
5 ³ / ₄ " (14.6cm)	Borosilicate	13-678-30	177.61
5 ³ / ₄ " (14.6cm)	Flint	13-678-6C	156.27

Fisherbrand* Disposable Cotton-Plugged Borosilicate-Glass Pasteur Pipets

Made of N-51A borosilicate glass

- Straight-cut tips and smooth, fire-polished tops to facilitate bulb attachment
- A positive constriction at approximately 1" (2.5cm) from top holds supplied cotton plug in place, thereby reducing the chance of aspirating liquid into rubber bulb
- Patented easel box, made of nonlinting material, folds to become a dispenser for easy access to pipets
- Foam pad at bottom of box preserves tips



13-678-8A

Approx. Length	Cat. No.	Pack of 250	Case of 4 Pack
5 ³ / ₄ " (146mm)	13-678-8A	37.93	126.37
9" (229mm)	13-678-8B	39.33	131.09

PIPETTS: SEROLOGICAL

Fisherbrand* Borosilicate Glass Disposable Serological Pipets with Regular Tip, Standard Length

Regular-tipped pipets have long, slender, tapered tips to speed pipetting



13-678-26D

Capac. (mL)	Subdiv. (mL)	Neg. Grads. (mL)	Tol. (mL)	Pkg. Color Code ¹	Sterile and Plugged						Nonsterile and Nonplugged			
					Individually Wrapped			Multipack ¹			Packed in Canisters			
					Inner-Pack Qty.	Cat. No.	Case of	Inner-Pack Qty.	Cat. No.	Case of	Inner-Pack Qty.	Cat. No.	Case of	
0.5	0.01	0.2	±0.013	Yellow	125	13-678-27A	500/230.90	----	----	----	----	----	----	----
0.5	0.05	0.2	±0.013	----	----	----	----	----	----	----	----	250	13-678-31D	500/172.24
1	0.1	0.2	±0.02	Red	200	13-678-27B	1000/342.05	250	13-678-25A	1000/334.42	250	13-678-31E	1000/271.00	
1	0.01	0.2	±0.02	Yellow	200	13-678-27C	1000/328.00	250	13-678-25B	1000/286.17	50	13-678-26A	500/176.38	
2	0.01	0.2	±0.04	White	125	13-678-27D	500/199.19	250	13-678-25C	500/168.57	50	13-678-26B	500/202.40	
5	0.1	1	±0.15	Blue	100	13-678-27E	500/268.48	250	13-678-25D	500/215.80	50	13-678-26C	500/239.98	
10	0.1	2	±0.30	Orange	110	13-678-27F	500/274.81	250	13-678-25E	500/288.75	50	13-678-26D	500/320.99	

¹ Bulk-packaged pipets (nonsterile and nonplugged) are not color coded

² Vented multipack

PIPETTS: SEROLOGICAL

Fisherbrand* Borosilicate Glass Disposable Serological Pipets with Regular Tip, Short Length

Perfect for tissue culture work or procedures performed under fume hoods or in confined areas



13-678-36C

Capac. (mL)	Subdiv. (mL)	Neg. Grads. (mL)	Tol. (mL)	Pkg. Color Code	Inner Pack Qty.	Cat. No.	Case of
1	1/100	5/10	±0.04	Yellow	200	13-678-36A	400/164.19
5	1/10	3	±0.2	Blue	100	13-678-36B	200/186.34
10	2/10	4	±0.4	Orange	100	13-678-36C	200/214.45
25	2/10	5	±0.5	Green	100	13-678-36D	200/272.24
50	5/10	10	±1.5	Purple	25	13-678-36E	50/271.84

Fisherbrand* Borosilicate Glass Disposable Serological Pipets with Wide Tip, Standard Length

Sterile and plugged, multipack



13-678-35A

Capac. (mL)	Subdiv. (mL)	Neg. Grads. (mL)	Tol. (mL)	Pkg. Color Code	Cat. No.	Case of 400
5	0.1	1	±0.02	Blue	13-678-35A	240.60
10	0.2	2	±0.4	Orange	13-678-35B	269.73

† Vented multipack.

Fisherbrand* Standard-Top Serological Pipets

Fast, uniform flow times

13-675 Series

Pipets 13-675D and 13-675E are recommended for VDRL test.

ORDERING INFORMATION: For 5, 10 and 25mL pipets, see Fisherbrand Cotton-Plug Top Pipets.

COMPLIANCE: Calibrated "To Deliver/Blow Out." Meet requirements of ASTM* E 1044-96, Style I-General-Purpose Top.

Capacity	Accuracy	Color Code	Cat. No.	Case of 12
1/10 in 1/100mL	±0.005mL	White	13-675A	107.83
2/10 in 1/100mL	±0.008mL	Black	13-675C	115.91
5/10 in 1/100mL	±0.01mL	2 Yellow	13-675D	129.64
5/10 in 1/20mL	±0.01mL	2 Black	13-675E	134.17
1 in 1/100mL	±0.02mL	Yellow	13-675F	111.86
1 in 1/10mL	±0.02mL	Red	13-675G	103.56
2 in 1/10mL	±0.02mL	Green	13-675H	115.64
2 in 1/100mL	±0.02mL	2 White	13-675J	182.79

Fisherbrand* Dye Industry Pipets

Perfect for pipetting dark-color dye solutions.



13-671-109M

Just fill pipet to desired volume and read—no time-consuming draining as with conventional pipets.

- White graduations stand out against background of dark dye; easier to see and read than conventional amber markings
- Inverse scale—volume graduations start with 0 at tip
- Color coded for quick, accurate identification
- Catalog number, capacity and accuracy marked on each pipet
- Tough borosilicate glass; Tuf-Temp*-treated to reduce chipping

COMPLIANCE: Calibrated "To Deliver/Blow Out"

Capacity	Accuracy	Color Code	Cat. No.	Case of 12
1 in 1/100mL	±0.02mL	Yellow	13-671-109F	125.61
2 in 1/10mL	±0.02mL	Green	13-671-109H	137.96
5 in 1/10mL	±0.04mL	Blue	13-671-109K	125.61
10 in 1/10mL	±0.06mL	Orange	13-671-109M	141.49
25 in 1/2mL	±0.10mL	White	13-671-109N	274.63

Fisherbrand* Large Tip Opening Serological Pipets

Ideal for viscous solutions and tissue culture work



13-671-108 Series

- Tops formed for cotton plugging (plugs not included) will fit cotton plugging machines (not available from Fisher Scientific*)
- The 1mL size has approximately 0.1" (2.5mm) tip opening; other sizes have approximately 0.12" (3mm) tip opening

COMPLIANCE: Calibrated "To Deliver/Blow Out"

Capacity	Accuracy	Color Code	Cat. No.	Case of 12
1 in 1/10mL	±0.05mL	Red	13-671-108A	195.02
2 in 1/10mL	±0.05mL	Green	13-671-108B	221.98
5 in 1/10mL	±0.10mL	Blue	13-671-108C	180.70
10 in 1/10mL	±0.10mL	Orange	13-671-108D	178.10
25 in 1/10mL	±0.20mL	White	13-671-108E	254.93

Fisherbrand* Long Tip Serological Pipets

For pipetting into or sampling from small tubes, vials, or cuvetts



13-674-26A

- Pipets with long, tapered tips
- Pipet is graduated to the tip—ideal when only small amounts of sample are available
- Calibrated "To Deliver/Blow Out"
- 10mL size can be cotton plugged (plugs not included)

Capacity	Accuracy	Color Code	Cat. No.	Case of 12
1/10 in 1/100mL	±0.005mL	White	13-674-26A	154.45
2/10 in 1/100mL	±0.008mL	Black	13-674-26C	151.74
1 in 1/100mL	±0.02mL	Yellow	13-674-26F	168.57
1 in 1/10mL	±0.02mL	Red	13-674-26G	169.82
2 in 1/10mL	±0.03mL	Green	13-674-26H	174.99
10 in 1/10mL	±0.06mL	Orange	13-674-26M	218.32

PIPETS: SEROLOGICAL

Fisherbrand* Reusable Cotton-Plug Top Serological Pipets

Similar to Fisherbrand Standard-Top Pipets with tops tooled to fit cotton-plugging machines (not available from Fisher Scientific)



- Constriction in glass top prevents cotton plug from going down into pipet (plugs not included) **13-671-102A**
- Fast, uniform flow times

ORDERING INFORMATION: Also available in economical bulk packs

REQUIRES: Cotton plugs

COMPLIANCE: Calibrated "To Deliver/Blow Out." Meet requirements of ASTM* E 1044-96, Style II-Cotton Plugging Mouthpiece.

Capacity	Accuracy	Color Code	Standard Pack		Bulk Pack	
			Cat. No.	Case of 12	Cat. No.	Case of 250
1/10 in 1/100mL	±0.005mL	White	13-671-102A	122.45	----	----
2/10 in 1/100mL	±0.008mL	Black	13-671-102C	131.39	----	----
5/10 in 1/100mL	±0.01mL	2 Yellow	13-671-102E	142.83	----	----
1 in 1/100mL	±0.02mL	Yellow	13-671-102F	115.02	13-676-53C	1560.78
1 in 1/10mL	±0.02mL	Red	13-671-102G	98.51	13-676-53D	1500.11
2 in 1/10mL	±0.02mL	Green	13-671-102H	114.39	13-676-53F	1680.14
2 in 1/100mL	±0.02mL	2 White	13-671-102J	158.61	----	----
5 in 1/10mL	±0.04mL	Blue	13-675K	112.98	13-676-53G	1451.46
10 in 1/10mL	±0.06mL	Orange	13-675M	119.22	13-676-53H	1550.11
25 in 1/10mL	±0.10mL	White	13-675N	228.09	13-676-53J	2715.67

Fisherbrand* Serialized/Certified Serological Pipets

Reusable, Class A pipets with permanently marked serial number



Permanent amber markings are fused to Tuf-Temp*-treated borosilicate glass. **13-675-3M**

- Fast, uniform flowrates
- Meet specifications for Kahn pipets
- Accuracy printed on each pipet
- Sizes 5, 10 and 25mL can be cotton plugged

ORDERING INFORMATION: Also available as PersonaPet* pipets; a total of 23 characters, including spaces, can be imprinted on the pipet.

COMPLIANCE: Class A, Type 1 pipets are calibrated "To Deliver." Meet requirements of ASTM* E1044.

CERTIFICATIONS: Includes Certificate of Traceability stating that calibration is traceable to standards provided by NIST*.

Capacity	Accuracy	Color Code	Cat. No.	Case of 6
1 in 1/10mL	±0.01mL	Yellow	13-675-3F	124.72
2 in 1/10mL	±0.01mL	Green	13-675-3H	156.22
5 in 1/10mL	±0.02mL	Blue	13-675-3K	146.13
10 in 1/10mL	±0.03mL	Orange	13-675-3M	199.30
25 in 1/10mL	±0.05mL	White	13-675-3N	364.47

Fisherbrand* Kahn Serological Pipets

For measuring and transferring serum and antigen in Kahn tests



Used in Kahn tests as published in American Journal of Public Health, 129 (June 1924). **13-677D**

COMPLIANCE: Calibrated "To Deliver/Blow Out." Pipet 13-677D meets ASTM* E 1044-96.

Capacity	Accuracy	Color Code	Cat. No.	Case of 12
2/10 in 1/1000mL	±0.008mL	2 Blue	13-677D	177.37
1/10 in 1/1000mL	±0.005mL	----	13-677G	151.29

Fisherbrand* Kolmer Serological Pipets

For Kolmer Complement Fixation technique



COMPLIANCE: Calibrated "To Deliver" to baseline. **13-676F**

Capacity	Accuracy	Color Code	Cat. No.	Case of 12
1 in 1/100mL	±0.02mL	Yellow	13-676F	148.53
1 in 1/10mL	±0.02mL	Red	13-676G	132.03
2 in 1/10mL	±0.02mL	Green	13-676H	146.63
5 in 1/10mL	±0.04mL	Blue	13-676K	140.34
10 in 1/10mL	±0.06mL	Orange	13-676M	151.44

Fisherbrand* Dual-Purpose Pipets

Sizes through 0.3mL have twice the accuracy required for Ostwald-Folin pipets



- Borosilicate glass, permanent amber markings, Tuf-Temp*-treated to reduce chipping
- Accuracy printed on each pipet
- Capacity marked below mouthpiece

ORDERING INFORMATION: Available as PersonaPet* personalized pipets

COMPLIANCE: Calibrated "To Deliver/Blow Out" (upper graduation) and "To Contain" (lower graduation).

Capacity	Accuracy	Cat. No.	Case of 12
0.1mL	±0.003mL	11-382-33A	164.91
0.2mL	±0.003mL	11-382-33B	164.91
0.25mL	±0.003mL	11-382-33C	164.91
0.3mL	±0.003mL	11-382-33D	164.91
0.5mL	±0.006mL	11-382-33E	153.69
1.0mL	±0.006mL	11-382-33F	153.82
2.0mL	±0.006mL	11-382-33G	153.82
2.5mL	±0.01mL	11-382-33H	174.24
3.0mL	±0.01mL	11-382-33J	173.97
4.0mL	±0.01mL	11-382-33K	173.97
5.0mL	±0.01mL	11-382-33L	174.24
10.0mL	±0.02mL	11-382-33M	205.09

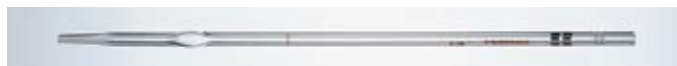
PIPETTS: SEROLOGICAL

Fisherbrand* Ostwald-Folin Pipets

High-volume accuracy at a reasonable price

- With tapered bulbs
- Borosilicate glass with permanent amber markings
- Tuf-Temp*-treated to reduce chipping
- Accuracy printed on each pipet
- Accuracy equivalent to that of Class A volumetric

11-382-32E



Capacity	Accuracy	Min. Flow Time	Color Code	Cat. No.	Case of 12
0.25mL	±0.006mL	3 sec.	----	11-382-32C	169.32
0.3mL	±0.006mL	3 sec.	----	11-382-32D	164.91
0.5mL	±0.006mL	3 sec.	2 Black	11-382-32E	150.87
1.0mL	±0.006mL	3 sec.	Blue	11-382-32F	142.48
2.0mL	±0.006mL	3 sec.	Orange	11-382-32G	142.36
3.0mL	±0.01mL	3 sec.	Black	11-382-32H	153.56
4.0mL	±0.01mL	4 sec.	2 Red	11-382-32J	146.92
5.0mL	±0.01mL	4 sec.	White	11-382-32K	153.56
10.0mL	±0.02mL	5 sec.	Red	11-382-32L	186.20

ORDERING INFORMATION: Available as PersonaPet* personalized pipets.

COMPLIANCE: Calibrated "To Deliver/Blow Out." Meet Fed. Spec. NNN-P-340B (or latest revision).

PIPETTS: VOLUMETRIC

Fisherbrand* Reusable Class A Volumetric Pipets

Standard or serialized

- Borosilicate glass
- Volume accuracy marked on each pipet
- Permanent amber markings
- Tuf-Temp*-treated tempered tips reduce chipping

ORDERING INFORMATION: All pipets are available as PersonaPet* personalized pipets.

COMPLIANCE: Standard Pipets meet all Class A requirements of ASTM* E 969-95. Letter A near top signifies compliance with requirements for laboratory certification by CAP and other certifying groups. Calibrated "To Deliver". **Serialized Pipets** with Certificates of Traceability are calibrated in accordance with ASTM* E 542 and meet accuracy requirements of ASTM E 969. Glass meets the requirements of ASTM E 438 for Type I, Class A.



(Top to bottom) 13-650-3F, 13-650-3P, 13-650-3C

CERTIFICATIONS: Serialized Pipets are NIST traceable, and are supplied with individual fused-in serial numbers and Certificates of Traceability, which indicate that each pipet is individually calibrated and certified against equipment whose calibration is traceable to the National Institute of Standards and Technology (NIST). Certificates list the weight set used, the test number, and date of testing.

Capacity (mL)	Accuracy (mL)	Min. Flow Time (Sec.)	Color Code	Standard			Serialized	
				Cat. No.	Each	Case of	Cat. No.	Case of 6
0.5	±0.006	5	2 Black	13-650-2A	----	12/129.83	13-650-3A	130.52
1	±0.006	8	Blue	13-650-2B	----	12/139.43	13-650-3B	118.92
2	±0.006	8	Orange	13-650-2C	----	12/140.80	13-650-3C	150.55
2.5	±0.006	8	----	13-650-2Y	----	12/231.08	13-650-3Y	236.46
3	±0.01	8	Black	13-650-2D	----	12/141.50	13-650-3D	170.19
4	±0.01	8	2 Red	13-650-2E	----	12/143.05	13-650-3E	175.87
5	±0.01	8	White	13-650-2F	----	12/139.42	13-650-3F	179.10
6	±0.01	10	2 Orange	13-650-2G	----	12/143.85	13-650-3G	180.53
7	±0.01	10	2 Green	13-650-2H	----	12/143.85	13-650-3H	173.09
8	±0.02	10	Blue	13-650-2J	----	12/139.60	13-650-3J	173.09
9	±0.02	10	Black	13-650-2K	----	12/139.67	13-650-3K	173.09
10	±0.02	15	Red	13-650-2L	----	12/151.61	13-650-3L	193.57
12	±0.02	25	----	13-650-2X	----	12/391.27	13-650-3X	548.96
15	±0.03	25	Green	13-650-2M	18.68	12/188.79	13-650-3M	314.92
20	±0.03	25	Yellow	13-650-2N	20.05	12/202.56	13-650-3N	314.92
25	±0.03	25	Blue	13-650-2P	21.18	12/214.06	13-650-3P	350.40
30	±0.03	25	Black	13-650-2Q	28.42	12/287.18	13-650-3Q	323.00
40	±0.05	25	White	13-650-2R	28.40	12/286.97	13-650-3R	361.59
50	±0.05	25	Red	13-650-2S	28.20	12/284.89	13-650-3S	379.06
75	±0.08	30	Green	13-650-2T	40.61	12/410.27	13-650-3T	319.92
100	±0.08	30	Yellow	13-650-2U	40.02	12/404.35	13-650-3V	382.17
200	±0.16	30	----	13-650-2W	58.25	4/196.16	13-650-3W	114.94

PIPETS: VOLUMETRIC

Fisherbrand* Reusable CulturTek* Volumetric Pipets

Large tip opening fills and drains quickly, speeds cell transfers

Originally developed for in-house tissue culture cell production at Smith, Kline and French Laboratories. Heavy borosilicate glass provides greater resistance to chipping and breakage than conventional volumetric pipets.

- Tip openings approximately 4mm, or 1/8"
- Reinforced tip and mouthpiece bulb joints
- Shorter length makes pipets easier to handle
- With permanent amber markings
- Top tooled for cotton plugs (plugs not supplied)



13-650-30A

ORDERING INFORMATION: Available as PersonaPet* personalized pipets.

COMPLIANCE: Calibrated "To Deliver"

Capacity	Accuracy	Color Code	Cat. No.	Each	Case of 12
25mL	±0.10mL	Blue	13-650-30A	21.84	224.01
50mL	±0.10mL	Red	13-650-30B	25.95	262.21
100mL	±0.20mL	Yellow	13-650-30C	36.54	369.22

Fisherbrand* Reusable Class B Volumetric Pipets

Ensure highest accuracy, reproducibility

- Borosilicate glass
- Permanent amber markings
- Large numeral on bulb of 15mL and larger pipets makes capacity easy to identify
- Accuracy printed on each pipet
- Tuf-Temp*-treated tempered tips reduce chipping
- Fast outflow



13-650L

ORDERING INFORMATION: Available as PersonaPet* personalized pipets.

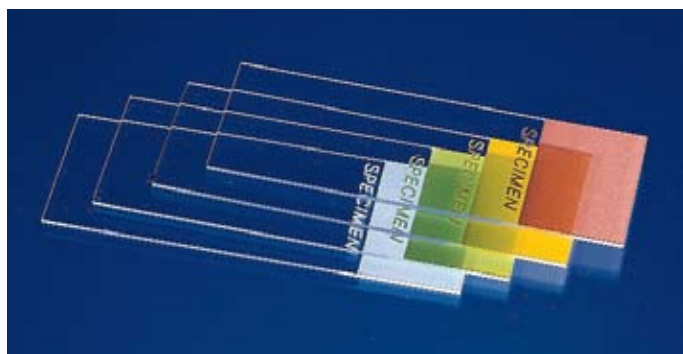
COMPLIANCE: Calibrated "To Deliver". Meet Class B volume accuracy and flow time requirements of ASTM* E 969-95.

Capacity	Accuracy	Minimum Flow Time	Color Code	Cat. No.	Each	Case of 12
0.5mL	±0.012mL	3 sec.	2 Black	13-650A	----	119.29
1mL	±0.012mL	3 sec.	Blue	13-650B	----	118.79
2mL	±0.012mL	3 sec.	Orange	13-650C	----	118.92
2.5mL	±0.012mL	5 sec.	----	13-650Y	----	235.08
3mL	±0.02mL	5 sec.	Black	13-650D	----	129.76
4mL	±0.02mL	5 sec.	2 Red	13-650E	----	127.24
5mL	±0.02mL	8 sec.	White	13-650F	----	126.86
6mL	±0.03mL	8 sec.	2 Orange	13-650G	----	141.36
7mL	±0.03mL	8 sec.	2 Green	13-650H	----	141.73
8mL	±0.04mL	8 sec.	Blue	13-650J	----	141.36
9mL	±0.04mL	8 sec.	Black	13-650K	----	141.36
10mL	±0.04mL	8 sec.	Red	13-650L	----	140.24
12mL	±0.04mL	10 sec.	----	13-650X	----	401.25
15mL	±0.06mL	10 sec.	Green	13-650M	22.96	235.45
20mL	±0.06mL	10 sec.	Yellow	13-650N	22.79	233.72
25mL	±0.06mL	15 sec.	Blue	13-650P	23.11	236.97
30mL	±0.10mL	15 sec.	Black	13-650Q	29.90	302.11
40mL	±0.10mL	15 sec.	White	13-650R	29.93	302.46
50mL	±0.10mL	15 sec.	Red	13-650S	26.50	267.84
75mL	±0.16mL	20 sec.	Green	13-650T	37.42	378.04
100mL	±0.16mL	20 sec.	Yellow	13-650U	38.05	384.49
200mL	±0.32mL	30 sec.	----	13-650V	47.67	481.67

SLIDES

Fisherbrand* ColorFrost* Disposable Microscope Slides

Color-coded frosted end for easy coordinating with tissue cassettes or other color systems



12-550-40 through -43

- Plain corners
- Same properties as Superfrost*, including chemical resistance and easy marking and reading
- Convenient "SPECIMEN" mark lends easy orientation

ORDERING INFORMATION: Thickness: 1.0mm.

Color	Cat. No.	Pack of 144	Case of 10 Pack
25 × 75mm			
Aqua	22-037-077	70.13	599.39
Blue	12-550-40	67.74	578.97
Burnt Orange	22-037-079	70.13	599.39
Gold	22-037-080	70.13	599.39
Green	12-550-41	67.74	578.97
Lilac	22-037-081	70.13	599.39
Pink	12-550-42	67.74	578.97
Tan	22-037-078	70.13	599.39
Yellow	12-550-43	67.74	578.97
3 × 1"			
Blue	22-214-320	85.22	728.38
Green	22-214-338	85.22	728.38
Pink	22-214-346	85.22	728.38
Yellow	22-214-361	85.22	728.38

Fisherbrand* Superfrost* Disposable Microscope Slides

Superfrost coating impervious to most common laboratory chemicals and reagents

- Brilliant white, opaque coating takes and retains most laboratory marking methods
- Each side has a written key for easy orientation; the word "SPECIMEN" instantly tells you which side is up
- Superfrost slides can be imprinted with your laboratory or hospital's name (call your Fisher Scientific Customer Service Representative for details)



12-550-143

ORDERING INFORMATION: Come in handy one-at-a-time dispenser boxes of 72 slides.

Size	Thickness	Cat. No.	Pack of 144	Case of 10 Pack
3 × 1"	1mm	12-550-123	75.70	647.03
3 × 1"	1.2mm	12-550-13	93.04	795.23
75 × 25mm	1mm	12-550-143	66.55	568.80
3 × 1"	1mm	22-178-277†	93.92	802.73

† Made using premium glass.

For more information on Fisherbrand* Microscope Slides and Cover Slips, visit www.fishersci.com.

Fisherbrand* Superfrost* Plus and ColorFrost* Plus Microscope Slides

An ideal choice for frozen sections, cytocentrifuge preparations and standard Papanicolaou smears



12-550-15, -17 through -20

Color	Cat. No.	Pack of 144	Case of 10 Pack
Superfrost Slides			
White	12-550-15	133.07	1118.24
ColorFrost Slides			
Aqua	22-230-890	130.59	1097.36
Blue	12-550-17	130.59	1097.36
Burnt Orange	22-230-892	130.59	1097.36
Gold	22-230-891	130.59	1097.36
Green	12-550-18	130.59	1097.36
Pink	12-550-19	130.59	1097.36
Yellow	12-550-20	130.59	1097.36
Lilac	12-550-16	130.59	1097.36
Tan	12-550-16A	130.59	1097.36

Fisherbrand* InkJet and InkJet Plus Microscope Slides

Superfrost*/ColorFrost* microscope slides designed for use with Leica* Microsystems IP S ink jet printer

12-550-109

- Printing instruments use chemical-resistant ink and print directly on Superfrost/ColorFrost tab of the slide
- Clipped 45° or straight 90° corners
- InkJet Plus includes a plus (+) charge symbol



22-042-924 12-550-100

Tab Color	Cat. No.	Pack of 144	Case of 10 Pk.
90° Corner Slides			
Aqua	12-550-105	53.61	458.21
Blue	12-550-101	53.61	458.21
Burnt Orange	12-550-106	53.94	461.04
Green	12-550-102	53.61	458.21
Lilac	12-550-107	53.61	458.21
Pink	12-550-103	53.61	458.21
Tan	12-550-108	53.94	461.04
White	12-550-100	50.75	433.73
Yellow	12-550-104	53.61	458.21
90° Corner Plus (+) Slides			
Aqua	12-550-114	95.55	816.68
Blue	12-550-110	95.55	816.68
Burnt Orange	12-550-115	95.55	816.68
Green	12-550-111	95.55	816.68
Lilac	12-550-116	95.55	816.68
Pink	12-550-112	95.55	816.68
Tan	12-550-117	95.55	816.68
White	12-550-109	93.82	801.86
Yellow	12-550-113	95.55	816.68
45° Clipped Corner Slides			
Aqua	22-042-920	62.88	537.45
Blue	22-042-916	62.88	537.45
Green	22-042-917	62.88	537.45
Lilac	22-042-922	62.88	537.45
Pink	22-042-918	62.88	537.45
Tan	22-042-923	62.88	537.45
White	22-042-915	59.91	512.00
Orange	22-042-921	62.88	537.45
Yellow	22-042-919	62.88	537.45
45° Clipped Corner Plus (+) Slides			
Aqua	22-042-929	99.19	847.76
Blue	22-042-925	98.58	842.56
Burnt Orange	22-042-930	98.58	842.56
Green	22-042-926	98.58	842.56
Lilac	22-042-931	98.58	842.56
Pink	22-042-927	98.58	842.56
Tan	22-042-932	98.58	842.56
White	22-042-924	96.18	822.05
Yellow	22-042-928	98.58	842.56

SLIDES: COVER SLIPS

Fisherbrand* Cover Glasses

Made of finest optical borosilicate glass, with uniform thickness and size

- Corrosion resistant
- Precleaned, lint-free and ready to use
- Available in squares, circles, and rectangles



12-545F, 12-542A, 12-545-80

ORDERING INFORMATION: Packed in 1 oz. (28g) plastic boxes with custom-molded bases for easy one-at-a-time dispensing.

Size	Quantity	Cat. No.	Pack of	Case of 10 Pack
Squares No. 1 - 0.13 to 0.17mm thick				
18mm	232	12-542A	28.98	247.54
22mm	156	12-542B	26.64	227.54
25mm	125	12-542C	27.94	238.81
Squares No. 1.5 - 0.16 to 0.19mm thick				
18mm	208	12-541A	32.00	273.35
22mm	138	12-541B	28.97	247.62
Squares No. 2 - 0.17 to 0.25mm thick				
18mm	176	12-540A	19.44	166.15
22mm	116	12-540B	19.13	163.56
25mm	93	12-540C	20.28	173.03
Circles No. 1 - 0.13 to 0.17mm thick				
12mm	692	12-545-80	185.36	1584.29
18mm	308	12-545-100	97.06	829.52
22mm	206	12-545-101	75.24	643.13
25mm	159	12-545-102	68.17	582.64
Circles No. 1.5 - 0.16 to 0.19mm thick				
12mm	597	12-545-81	183.76	1570.58
Circles No. 2 - 0.17 to 0.25mm thick				
18mm	223	12-546	72.94	623.41
22mm	150	12-546-1	60.12	513.74
25mm	116	12-546-2	50.79	434.00
Rectangles No. 1 - 0.13 to 0.17mm thick				
30 × 22mm	116	12-545A	27.81	237.61
40 × 22mm	86	12-545C	27.65	236.22
50 × 22mm	68	12-545E	27.71	236.71
60 × 22mm	58	12-545J	27.87	238.12
30 × 24mm	110	12-545B	27.81	237.61
40 × 24mm	78	12-545D	26.55	226.71
50 × 24mm	65	12-545F	27.45	234.52
55 × 24mm	56	12-544-18	33.85	289.33
60 × 24mm	55	12-545M	28.36	242.39
50 × 35mm	45	12-545G	38.83	331.85
50 × 45mm	35	12-545H	34.72	296.81
Rectangles No. 1.5 - 0.16 to 0.19mm thick				
30 × 22mm	100	12-544A	28.14	240.44
40 × 22mm	74	12-544B	27.58	235.42
50 × 22mm	59	12-544D	27.61	235.95
60 × 22mm	50	12-544G	27.61	235.95
40 × 24mm	68	12-544C	27.61	235.95
50 × 24mm	54	12-544E	26.53	226.64
50 × 45mm	30	12-544F	34.70	296.40
Rectangles No. 2 - 0.17 to 0.25mm thick				
40 × 22mm	62	12-543A	34.15	291.93
50 × 22mm	50	12-543C	33.87	289.49
40 × 24mm	57	12-543B	33.87	289.49
50 × 24mm	45	12-543D	33.67	287.78
50 × 35mm	33	12-543E	34.06	290.80
Rectangles No. 2 - 0.17 to 0.25mm thick				
50 × 45mm	26	12-543F	43.27	369.83

Fisherbrand* Superslip Cover Slips

Make your automatic cover slip machines run smoothly

- Built-in moisture resistance
- Excellent for use in humid environments

ORDERING INFORMATION:
Thickness: No. 1.



12-545-87

Size	Approx. Qty. per 1 oz. Pack	Cat. No.	Pack	Case of 10 Pack
24 × 40mm	78	12-545-87	27.30	233.22
24 × 50mm	65	12-545-88	27.67	236.37

SLIDE STAINING DISHES

Fisherbrand* Glass Staining Dishes for 20 Slides

Staining dish with 10 grooves for carrying up to 20 standard microscope slides back-to-back

- Holds slides horizontally
- With cover

ORDERING INFORMATION:
Overall L × W × H: 3¹/₈ × 2¹/₈ × 1¹/₄"
(79 × 54 × 32mm)



08-810

Cat. No.	Each	Pack of 36
08-810	30.33	796.68

Fisherbrand* Glass Staining Dishes for 10 Slides, with Screw Cap

Hold up to 10 standard 3 × 1" (75 × 25mm) slides back-to-back

- Heavy molded glass Coplin staining dish holds slides vertically
- Rectangular body with five grooves
- With tight-fitting plastic screw cap

ORDERING INFORMATION: Cover O.D., 2³/₈" (60mm). Overall height, 4⁵/₁₆" (110mm)



08-816

Cat. No.	Each	Pack of 12
08-816	52.81	462.53

TUBES: CAPILLARY

Fisherbrand* Color-Coded Capillary Tubes

Excellent for use in microhematocrit determinations

- Ends can be sealed by flame, sealing clay or patented caps
- Manufactured from low-taper, soft glass
- Tubes are packed in plastic vials with reclosable snap-lock caps to maintain cleanliness
- Red band on tube indicates heparinization; blue band indicates nonheparinized tube
- Interior surface of heparinized tubes is evenly coated with ammonium heparin (4 to 7 USP units), which will not interfere with sodium determination



22-260-950

ORDERING INFORMATION: Length: 75mm. Inner diameter: 1.1 to 1.2mm. Wall: 0.2mm ±0.02mm. 100 Tubes per Vial

Description	Cat. No.	Each	Case of 12
Nonheparinized (Blue Band)	22-260-943	10.59	105.81
Heparinized (Red Band)	22-260-950	14.91	149.11

Fisherbrand* Micro Blood Collecting Tubes

With tapered bottom tips to facilitate micro blood sample collection

- For Natelson and Caraway techniques
- Color-coded tops distinguish between plain and heparinized tubes
- Heparinized tubes are treated with ammonium heparin
- Natelson tubes have 250µL capacity; 1.44 to 1.76mm I.D.; 147mm length
- Caraway tubes have 350µL capacity; 2.59 to 2.81mm I.D.; 75mm length



02-668 Series

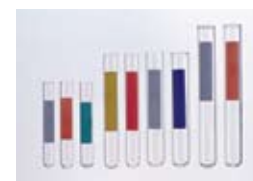
Type	Anticoagulant	Color Code	Fill Volume	Cat. No.	Pack of 100	Case of 6 Pack
Natelson	Ammonium heparin	Red	250µL	02-668-10	57.03	285.09
	None	Blue		02-668-15	50.67	253.29
Caraway	Ammonium heparin	Red	350µL	02-668-25	66.35	331.71
	None	Blue		02-668-30	54.23	271.21

TUBES: CULTURE

Fisherbrand* Plain-End Disposable Glass Tubes with Color-Coded Label Area

End problem of lost or peeling labels

- Fused-in, textured, color patches accept any type of ink or pencil
- Expose to heat, steam, hours in a water bath, without affecting label
- Marking area is large enough for all necessary information—1³/₈" (for 10 and 12mm O.D. tubes) or 2" (for 13 and 16mm O.D. tubes) long labeling area in five pastel colors
- Flint or borosilicate glass
- Round bottom



14-957 Series

Label Color	Flint Glass		Borosilicate Glass	
	Cat. No.	Case of 1000	Cat. No.	Case of 1000
10 O.D. × 75mm long				
White	14-957-10A	83.82	14-957-20A	89.21
Yellow	14-957-10B	83.86	14-957-20B	89.21
Green	14-957-10C	83.86	14-957-20C	89.21
Orange	14-957-10D	83.86	14-957-20D	89.21
Blue	14-957-10E	83.86	14-957-20E	89.21
12 O.D. × 75mm long				
White	14-957-12A	84.26	14-957-22A	99.83
Yellow	14-957-12B	85.56	14-957-22B	99.83
Green	14-957-12C	85.56	14-957-22C	99.83
Orange	14-957-12D	85.56	14-957-22D	99.83
Blue	14-957-12E	85.56	14-957-22E	99.83
16 O.D. × 100mm long				
White	14-957-14A	103.48	14-957-24A	121.23
Yellow	14-957-14B	103.48	14-957-24B	121.23
Green	14-957-14C	103.48	14-957-24C	121.23
Orange	14-957-14D	103.48	14-957-24D	121.23
Blue	14-957-14E	103.48	14-957-24E	121.23
16 O.D. × 75mm long				
White	14-957-16A	127.89	14-957-26A	149.95
Yellow	14-957-16B	127.89	14-957-26B	149.95
Green	14-957-16C	127.89	14-957-26C	149.95
Orange	14-957-16D	127.89	14-957-26D	143.01
Blue	14-957-16E	127.89	14-957-26E	149.95
16 O.D. × 125mm long				
Orange	14-957-18D	151.99	---	---
Blue	14-957-18E	151.99	---	---

Fisherbrand* Heavy-Wall Disposable Borosilicate Glass Tubes

Chemically clean, fully annealed

- Plain end
- Round bottom



14-958-10A

ORDERING INFORMATION: Case of 1000 contains four lint-free trays.

O.D. × L	Cat. No.	Case of 1000
10 × 75mm	14-958-10A	85.86
12 × 75mm	14-958-10B	90.09
13 × 100mm	14-958-10C	106.38

TUBES: CULTURE

Fisherbrand* Disposable Borosilicate Glass Tubes with Polypropylene Screw Cap

Provide the chemical stability and biological inertness of hard, borosilicate glass—at the price of disposable tubes

- Round bottom
- Start clean—no lost samples due to contaminated, cloudy or scratched tubes
- Avoid pH problems caused by soft glass
- With natural linerless polypropylene screw cap and marking spot



ORDERING INFORMATION: Packed in trays of 500 or 250 **14-962-26 Series**

O.D. × L	No. Per Tray	Cat. No.	Case of
13 × 100mm	500	14-962-26D	1000/328.77
16 × 100mm	250	14-962-26F	1000/361.17
16 × 125mm	250	14-962-26G	1000/387.62
16 × 150mm	250	14-962-26H	1000/424.43
20 × 125mm	250	14-962-26K	500/293.75
20 × 150mm	250	14-962-26M	500/324.59

Fisherbrand* Disposable Borosilicate Glass Tubes with Threaded End

Available with or without marking spot

- Borosilicate glass
- Round bottom

ORDERING INFORMATION:

- 13 O.D. × 100mm long tubes supplied in shrink-wrapped shelf trays of 500; all other sizes come in trays of 250
- Without cap; order separately



14-959-35C

O.D. × L	GPI Thread	Cat. No.	Case of
With marking spot			
13 × 100mm	13-415	14-959-35C	1000/293.42
16 × 100mm	15-415	14-959-35AA	1000/317.31
16 × 125mm	15-415	14-959-35A	1000/320.55
16 × 150mm	15-415	14-959-35B	1000/350.19
20 × 125mm	18-415	14-959-37A	500/236.05
20 × 150mm	18-415	14-959-37C	500/280.23

O.D. × L	GPI Thread	Cat. No.	Case of
Without marking spot			
13 × 100mm	13-415	14-957-76A	1000/269.11
16 × 150mm	15-415	14-957-76C	1000/349.59
20 × 150mm	18-415	14-957-76E	500/268.62

Fisherbrand* Reusable Glass Tubes with Phenolic Screw Caps

- High-quality borosilicate glass
- Phenolic screw cap with white rubber liner
- Marking spot

ORDERING INFORMATION: Packed in shrink-wrapped, lint-free trays of 250 or 500



14-959-25A

O.D. × L	GPI Thread	No. Per Tray	Cat. No.	Case of
13 × 100mm	13-415	500	14-959-25A	1000/382.43
16 × 100mm	15-415	250	14-959-25B	1000/380.31
16 × 125mm	15-415	250	14-959-25C	1000/408.59
16 × 150mm	15-415	250	14-959-25D	1000/429.49
20 × 125mm	18-415	250	14-959-25E	500/319.71
20 × 150mm	18-415	250	14-959-25F	500/353.07

Fisherbrand* Disposable Borosilicate Glass Tubes with Plain End

Made of borosilicate glass to reduce pH changes and contaminants potentially leached from soda lime glass

- Round bottom
- Ideal for tissue culture and clinical chemistry
- Packaged in shrink-wrapped trays of 250 or 125 to prevent contamination or breakage
- 10 and 12mm O.D. sizes are suitable for cell washing procedures



14-961-25

O.D. × L	No. Per Tray	Cat. No.	Case of
10 × 75mm	250	14-961-25	1000/79.58
12 × 75mm	250	14-961-26	1000/83.54
13 × 100mm	250	14-961-27	1000/88.46
15 × 85mm	250	14-961-28	1000/103.71
16 × 100mm	250	14-961-29	1000/120.84
16 × 125mm	250	14-961-30	1000/138.38
16 × 150mm	250	14-961-31	1000/146.04
18 × 150mm	125	14-961-32	500/90.29
20 × 150mm	250	14-961-33	500/144.72
25 × 150mm	125	14-961-34	500/196.22

Fisherbrand* Disposable Flint Glass Tubes with Plain End

Specially annealed to reduce breakage along stress point

- Round bottom
- Smooth top and bottom prevent cuts



14-958A

ORDERING INFORMATION: Packed in trays

O.D. × L	No. Per Tray	Cat. No.	Case of
6 × 50mm	500	14-958A	1000/66.14
10 × 75mm	250	14-958B	1000/60.26
12 × 75mm	250	14-958C	1000/62.95
13 × 100mm	250	14-958D	1000/81.01
15 × 85mm	250	14-958E	1000/127.02
16 × 100mm	250	14-958F	1000/102.90
16 × 125mm	250	14-958G	1000/128.21
16 × 150mm	250	14-958H	1000/139.70
18 × 150mm	125	14-958J	500/114.91
20 × 150mm	250	14-958K	500/132.05

Fisherbrand* Round Cuvets

- Reference mark near top assists repositioning
- For use with commercial colorimeters and spectrophotometers
- Manufactured from borosilicate glass



14-385-900B

For Use With	Dia. × H	Cat. No.	Case of 36
Coleman* Jr. II	12 × 75mm	14-385-900A	220.01
Spectronic* 20	13 × 100mm	14-385-900B	217.03
Coleman Jr. II	19 × 105mm	14-385-900D	241.77
Coleman Jr. II	19 × 150mm	14-385-900E	241.77

TUBES: CULTURE

Fisherbrand* Reusable Glass Rim Top Culture Tubes

Uniform wall thickness for maximum heat transfer and chemical resistance



FB-700-1275

- Made from KG-33 borosilicate glass
- Durable, white ceramic enamel marking spot
- Fire-polished top rim

COMPLIANCE: Designed from ASTM* Specification E 982, Type IV requirements

Capacity	O.D. × L	Cat. No.	Case of	Pack of
6mL	12 × 75mm	FB-700-1275	10 Pk./292.27	72/38.00
10mL	13 × 100mm	FB-700-13100	10 Pk./308.95	72/40.17
20mL	16 × 125mm	FB-700-16125	8 Pk./293.94	72/47.76
24mL	16 × 150mm	FB-700-16150	8 Pk./347.17	72/56.42
28mL	18 × 150mm	FB-700-18150	8 Pk./394.13	72/64.05
55mL	25 × 150mm	FB-700-25150	4 Pk./364.12	36/118.33

TUBES: HYBRIDIZATION

FisherBiotech* Hybridization Tubes

Fit FisherBiotech Hybridization Incubator rotisseries and most rotisseries that accept standard 35 or 70mm dia. tubes

- Thick-walled borosilicate glass
- Include polypropylene cap and silicone O-ring (additional O-rings for 35mm tubes available; contact your Fisher Scientific Customer Service Representative)

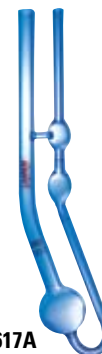
Size	Cat. No.	Pack of 2	Case of
35 × 100mm	13-247-100	106.72	----
35 × 150mm	13-247-150	117.88	3 Pk./302.24
35 × 300mm	13-247-300	131.15	3 Pk./331.28
70 × 300mm	13-247-70	80.10	----

TUBES: VISCOMETER

Fisherbrand* Glass Kinematic Viscometer Tubes

Cannon*-Fenske type

- Available calibrated (with calibration certificate) or uncalibrated
- Excellent precision
- Borosilicate glass
- For measuring kinematic viscosity of petroleum products by ASTM* D 445
- Specifications also conform to ASTM D 446
- Minimum sample volume, 7mL
- Require liquid bath depth of 203mm



13-617A

ORDERING INFORMATION: Holder not supplied.

ASTM Size	Viscosity Range	Approx. Constant†	Calibrated		Uncalibrated	
			Cat. No.	Each	Cat. No.	Each
25	0.5 to 2cSt	0.002	13-617A	201.19	13-616A	148.25
50	0.8 to 4cSt	0.004	13-617B	201.19	13-616B	148.25
75	1.6 to 8cSt	0.008	13-617M	201.19	13-616M	148.25
100	3 to 15cSt	0.015	13-617C	197.29	13-616C	148.25
150	7 to 35cSt	0.035	13-617D	197.29	13-616D	148.25
200	20 to 100cSt	0.10	13-617E	197.29	13-616E	148.25
300	50 to 250cSt	0.25	13-617F	201.19	13-616F	148.25
350	100 to 500cSt	0.5	13-617G	201.19	13-616G	148.25
400	240 to 1200cSt	1.2	13-617H	201.19	13-616H	148.25
450	500 to 2500cSt	2.5	13-617J	201.19	13-616J	148.25
500	1600 to 8000cSt	8.0	13-617K	201.19	13-616K	148.25
600	4000 to 20,000cSt	20.0	13-617L	201.19	----	----

† Approximate constant in cSt/s (centistokes per second).

Fisherbrand* Glass Opaque Calibrated Viscometer Tubes

Cannon*-Fenske opaque type

- For measuring viscosity of dark liquids and lubricating oils by ASTM* D 445
- Borosilicate glass
- With calibration certificate
- Minimum sample volume, 12mL
- Require liquid bath depth of 229mm
- Excellent precision



13-615-5A

ORDERING INFORMATION: Holder not supplied.

Popular sizes listed; other sizes available. Contact your Fisher Scientific* representative for more information.

ASTM Size	Viscosity Range	Approx. Constant	Cat. No.	Each
25	0.4 to 2cSt	0.002cSt/sec.	13-615-5A	253.87
50	0.8 to 4cSt	0.004cSt/sec.	13-615-5B	253.87
100	3 to 15cSt	0.015cSt/sec.	13-615-5C	253.87
150	7 to 35cSt	0.035cSt/sec.	13-615-5D	253.87
200	20 to 100cSt	0.10cSt/sec.	13-615-5E	253.87
300	50 to 250cSt	0.25cSt/sec.	13-615-5F	253.87
350	100 to 500cSt	0.5cSt/sec.	13-615-5G	253.87
400	240 to 1200cSt	1.2cSt/sec.	13-615-5H	253.87
450	500 to 2500cSt	2.5cSt/sec.	13-615-5J	253.87

TUBES: VISCOMETER

Fisherbrand* Glass Ubbelohde Calibrated Viscometer Tubes

For measurement of kinematic viscosities of petroleum products according to ASTM* D 445 and D 446

- Certified accurate (certificate included)
- Excellent precision
- Borosilicate glass
- Minimum sample volume, 11mL
- Require liquid bath depth of 241mm

13-614F



ORDERING INFORMATION: Holder not supplied

Popular sizes listed; other ASTM sizes available. Contact your Fisher Scientific representative for more information.

ASTM Size	Viscosity Range	Conversion Factor	Cat. No.	Each
0C	0.6 to 3cSt	0.003	13-614F	291.96
1	2 to 10cSt	0.01	13-614A	291.96
1C	6 to 30cSt	0.03	13-614B	291.96
1B	10 to 50cSt	0.05	13-614C	291.96
2	20 to 100cSt	0.1	13-614D	291.96
2C	60 to 300cSt	0.3	13-614E	291.96
2B	100 to 500cSt	0.5	13-614G	291.96
3C	600 to 3000cSt	3.0	13-614H	291.96
4	2000 to 10,000cSt	10	13-614J	291.96

Fisherbrand* Glass Vacuum Viscometer Tubes

Cannon*-Manning type

- Includes calibration certificate
- For measuring viscosities of highly viscous materials such as asphalt cement at 60°C (140°F) according to ASTM* D 2171
- Minimum sample volume, 6mL
- Require liquid bath depth of 180mm

ORDERING INFORMATION: Holder not supplied.

Smaller ASTM sizes available; contact your customer service representative.

13-617-4



ASTM Size	Viscosity Range	Approx. Constant		Cat. No.	Each
		Bulb B	Bulb C		
10	36 to 800Ps	2 Ps/sec.	0.6 Ps/sec.	13-617-1	219.59
11	120 to 2400Ps	6 Ps/sec.	2 Ps/sec.	13-617-2	219.59
12	360 to 8000Ps	20 Ps/sec.	6 Ps/sec.	13-617-3	219.59
13	1200 to 24,000Ps	60 Ps/sec.	20 Ps/sec.	13-617-4	219.59
14	3600 to 80,000Ps	200 Ps/sec.	60 Ps/sec.	13-617-5	219.59

VIALS: AUTOSAMPLER

Fisherbrand* Standard Opening 2mL Crimp-Top Vials

In clear or amber

- Borosilicate glass
- 12 O.D. x 32mm long
- Convenience kit includes 100 vials and 100 seals with septa

03-391-2



Description	Cat. No.	Pack of 100
Vials		
Clear	03-391-2	16.45
Amber	03-391-38	19.62
Convenience Kit		
Clear Vials w/Seals and PTFE/Red Rubber Septa	03-391-4	29.12

Fisherbrand* Crimp-Top 2mL Autosampler Vials



03-391-6

- Wide-opening, borosilicate glass vials
- 12 O.D. x 32mm long
- I-D vial has write-on patch; graduated in 0.5mL increments
- Silver 11mm aluminum crimp-top seals offer a variety of septa material options
- Convenience kit has 100 vials and 100 seals with septa

Description	Cat. No.	Pack of 100
Vials		
Clear	03-391-5	16.42
Amber I-D	03-391-6	20.84
11mm Aluminum Seals		
PTFE/Red Rubber Septa	03-391-3	11.32
PTFE/Silicone/PTFE Septa	03-391-34	36.15
PTFE/Silicone Septa	03-391-33	29.23
Convenience Kit		
Clear Vials w/Seals and PTFE/Red Rubber Septa	03-391-7	29.40

VIALS: AUTOSAMPLER

Fisherbrand* 4mL Autosampler Vials

- 15 × 45mm, 13-425 screw-top vials
- Type 1, borosilicate glass
- Black closures are preassembled with a red and white PTFE/Silicone septa (0.075") and 13-425 GPI thread
- Fully compatible with Waters* WISP* and Shimadzu* autosamplers
- Convenience kit includes 100 vials and 100 caps with septa



03-391-19

Description	Cat. No.	Pack of 100
Vials		
Clear	03-391-19	21.33
Amber	03-391-37	24.87
13-425 Threaded Black Cap w/Septa		
PTFE/Silicone Septa	03-391-21	48.24
Convenience Kit		
Clear Vials w/Black Caps and PTFE/Silicone Septa	03-391-22	66.13

Fisherbrand* 2mL Screw-Thread Autosampler Vials

Available separately or packaged into convenience kits with caps and septa

- 10-425 thread
- I-D vial with write-on patch graduated at 0.5, 1.0, and 1.5mL
- Black closure is preassembled with a 9mm thread and PTFE/Silicone
- Conical glass insert with attached polyspring, 300µL capacity
- Convenience kit includes 100 vials and 100 seals with septa



03-391-16

Description	Cat. No.	Pack of 100
Vials		
Clear	03-391-16	20.95
Amber I-D	03-391-36	24.03
Closures		
Blue 9mm PTFE/Silicone Preassembled Closure	03-391-17	40.10
Inserts		
Polyspring Vial Insert, Glass, 300µL	03-391-35	105.45
Convenience Kit		
Clear Vials w/Black Caps and PTFE/Silicone Septa	03-391-18	70.71

Fisherbrand* Robotic Screw-Top Autosampler Vials

2mL, 12 × 32mm screw-top vials with a 9mm thread finish

- 40% larger opening than other comparable vials
- Fit rotating or robotic arm autosamplers
- Convenience of a screw thread vial with the integrity of a crimp cap vial
- Clear vials are made from Type 1, borosilicate glass; amber vials are made from amber borosilicate glass
- Blue closures are preassembled with a 9mm thread and choice of PTFE/Silicone, PTFE/Silicone/PTFE, or PTFE/Red Rubber septa
- Convenience kit includes 100 vials and 100 seals with septa



03-391-8

Description	Cat. No.	Pack of 100
Vials		
Clear Glass	03-391-8	17.87
Amber with Write-on Patch	03-391-9	22.77
Closures		
Blue 9mm PTFE/Silicone Preassembled Closures	03-391-14	27.76
Blue 9mm PTFE/Red Rubber Preassembled Closures	03-391-31	23.39
Blue 9mm PTFE/Silicone/PTFE Preassembled Closures	03-391-32	36.42
Convenience Kit		
Clear Vials w/Blue Caps and PTFE/Silicone Septa	03-391-15	45.39

Fisherbrand* 2mL Standard Opening Screw Thread Glass Vials

With 8-425 screw thread for 12 × 32mm profile

- Made from 33 expansion borosilicate clear glass (Type 1, Class A) or 51A amber glass
- Without caps

REQUIRES: Screw caps (sold separately; see 03-391-46)



03-391-44 and -45

Color	Fill Capacity	Cat. No.	Pack of 100
Clear	1.8mL	03-391-44	22.78
Amber	1.8mL	03-391-45	26.21

VIALS: AUTOSAMPLER

Fisherbrand* 2mL Wide-Opening Snap Cap Glass Vials

Easier to fill and provide larger target area for autosampler needle

- Made from 33 expansion borosilicate clear glass (Type I, Class A) or 51A amber glass
- Fit most autosamplers
- Vials with marking area are graduated at 0.5, 1.0 and 1.5mL
- Without caps



03-391-39 and -40

REQUIRES: Snap caps (sold separately; see 03-391-42 and 03-391-43)

Description	Capacity	Cat. No.	Pack of 100
Clear, plain	1.8mL	03-391-39	23.41
Clear, with marking area	1.8mL	03-391-40	21.67
Amber, with marking area	1.8mL	03-391-41	25.50

Fisherbrand* Shell Vials for Waters* Autosamplers

Shell Vials for Waters 48- and 96-Position Autosamplers

- 1mL vials are made from clear borosilicate glass and are for use with a 96-position autosampler
- 4mL vials are made from Type I, Class A clear borosilicate glass and are for use with a 48-position autosampler

INCLUDES: Natural-colored polyethylene SepCap* closures



03-391-24

Size	Cat. No.	Pack of
<attrib a="856" l="10" o="203340">	03-391-23	200/21.78
<attrib a="856" l="10" o="203345">	03-391-24	100/21.06

Fisherbrand* 8 x 35mm Shell Vials

1mL shell vials for Alcott/Micrometrics 728 Autosamplers

- Made from chemically resistant clear borosilicate glass
- Feature uniform wall thickness, fully annealed top

INCLUDES: Natural-colored polyethylene push-in caps



03-391-30

Cat. No.	Pack of 1000
03-391-30	245.14

VIALS: ENVIRONMENTAL

Fisherbrand* Economical Glass EPA Vials

- Ideal for use in water sampling according to the revised U.S. EPA 40CFR136 and 40CFR141 specifications
- Available in clear and amber Type I borosilicate glass

INCLUDES: White polypropylene open-top closures with 0.125" TFE/silicone septa



03-340-120

Capacity	O.D. x H	Cat. No.	Case of 72
Clear			
20mL	28 x 57mm	03-340-121	176.69
40mL	28 x 95mm	03-340-119	171.82
Amber			
20mL	28 x 57mm	03-340-122	177.19
40mL	28 x 95mm	03-340-120	227.30

Fisherbrand* EnviroWare* Assembled Borosilicate Glass EPA Vials

For the collection and storage of water samples

- Manufactured from Type I, Class A or amber 203 borosilicate glass
- GPI thread 24-400

ORDERING INFORMATION: Replacement caps and septa available

INCLUDES: White open-top polypropylene closures and 0.005" PTFE/0.120" silicone rubber septa

COMPLIANCE: All EnviroWare vials comply with guidelines for establishing test procedures for the analysis of pollutants (Ref. U.S. EPA Methods 601, 602, 603, and 624).

Assembled EPA vials meet the revised U.S. EPA 40CFR136 and 40CFR141 specifications for discrete water sampling.



03-339-14E

Capacity	O.D. x H	Cat. No.	Pack of 72	Case of 6 Pk.
Clear				
20mL	28 x 60mm	03-339-14C	162.10	670.77
40mL	28 x 98mm	03-339-14A	240.94	997.00
Amber				
20mL	28 x 60mm	03-339-14E	192.58	796.82

VIALS: ENVIRONMENTAL

Fisherbrand® Glass EPA Vials

Packaged in partitioned trays

- Borosilicate glass
- Clear vials for general analysis; amber vials for light-sensitive materials
- GPI thread, 24-400



02-912 Series

INCLUDES: White polypropylene open-top screw caps with 0.125" PTFE /silicone septa

COMPLIANCE: Precognized to meet or exceed EPA standards for volatile organic analysis

Color	Capacity	O.D. × H	Cat. No.	Case of 144
Precognized with certification				
Clear	10 dr. (40mL)	28 × 95mm	02-912-376	630.69
Amber	10 dr. (40mL)	28 × 95mm	02-912-377	710.67
Clear	5 dr. (20mL)	28 × 57mm	02-912-378	654.68
Precognized				
Clear	10 dr. (40mL)	28 × 95mm	02-912-379	418.06
Amber	10 dr. (40mL)	28 × 95mm	02-912-380	455.84
Clear	5 dr. (20mL)	28 × 57mm	02-912-381	489.96
Amber	5 dr. (20mL)	28 × 57mm	02-912-382	529.56

VIALS: SAMPLE

Fisherbrand® Class A Clear Glass Threaded Vials

For general-purpose applications

- Low alkali content
- Borosilicate glass vials free of calcium, magnesium and zinc

ORDERING INFORMATION: Closures are packaged separately

INCLUDES: Autoclavable black phenolic closures with white rubber liners

COMPLIANCE: Meet Type I, Class A ASTM* E 438 requirements.



03-339-25A

Capacity	O.D. × H	GPI Thread Finish	Cat. No.	Pack of 144	Case of
0.5 dr. (1.8mL)	12 × 35mm	8-425	03-339-25A	81.27	16 Pk./896.85
1 dr. (3.7mL)	15 × 45mm	13-425	03-339-25B	70.22	16 Pk./774.82
2 dr. (7.4mL)	17 × 60mm	15-425	03-339-25C	84.89	12 Pk./702.55
3 dr. (11.1mL)	19 × 65mm	15-425	03-339-25D	86.56	8 Pk./477.63
4 dr. (14.8mL)	21 × 70mm	18-400	03-339-25E	100.85	8 Pk./556.38
6 dr. (22.2mL)	23 × 85mm	20-400	03-339-25F	128.33	6 Pk./531.01

VIALS: SAMPLE

Fisherbrand® Class A Clear Glass Threaded Vials with Attached Caps

Featured with PTFE-faced white 14B rubber liner and low-density polyethylene Poly-Seal® cone liner

- General-purpose vials
- Made from Type I, Class A borosilicate glass
- Short style vials feature low profile for greater stability and compound storage
- Packaged in partitioned trays



02-912-300 Series

INCLUDES: Attached black phenolic screw-top closures

COMPLIANCE: Meet ASTM* Type I, Class A and USP Type I standards

Capacity	O.D. × H	GPI Thread Finish	Cat. No.	Case of
With PTFE-faced white 14B rubber liner				
0.5 dr. (2mL)	12 × 35mm	8-425	14-955-316	288/868.95
0.5 dr. (2mL)	15 × 28mm	13-425	14-955-323	200/363.70
1 dr. (4mL)	15 × 45mm	13-425	14-955-327	144/186.49
1 dr. (4mL)	17 × 38mm	15-425	14-955-324	200/375.18
1.5 dr. (6mL)	19 × 40mm	15-425	14-955-325	200/387.53
2 dr. (8mL)	17 × 60mm	15-425	14-955-328	144/234.19
3 dr. (12mL)	19 × 65mm	15-425	14-955-329	144/200.20
4 dr. (16mL)	21 × 70mm	18-400	14-955-317	144/595.02
5 dr. (20mL)	28 × 57mm	24-400	14-955-330	72/240.75
6 dr. (24mL)	23 × 85mm	20-400	14-955-318	144/418.21
6.25 dr. (25mL)	28 × 70mm	24-400	14-955-319	72/180.06
8 dr. (30mL)	25 × 95mm	22-400	14-955-320	144/318.40
With low-density polyethylene Poly-Seal® cone liner				
1 dr. (4mL)	15 × 45mm	13-425	14-955-334	144/92.49
2 dr. (8mL)	17 × 60mm	15-425	14-955-326	144/102.34
3 dr. (12mL)	19 × 65mm	15-425	14-955-310	144/105.22
4 dr. (16mL)	21 × 70mm	18-400	14-955-311	144/119.22
5 dr. (20mL)	28 × 57mm	24-400	14-955-313	72/75.85
6 dr. (24mL)	23 × 85mm	20-400	14-955-312	144/138.75
6.25 dr. (25mL)	28 × 70mm	24-400	14-955-314	72/73.44
8 dr. (30mL)	25 × 95mm	22-400	14-955-315	144/148.30

Fisherbrand® Clear Glass Threaded Vials

- General-purpose vials
- Made from Type I, Class B borosilicate glass

ORDERING INFORMATION: Closures are packaged separately

INCLUDES: Black phenolic screw-top closures with polyvinyl-faced pulp liners (packed separately)



03-339-21H

Capacity	O.D. × H	GPI Thread Finish	Cat. No.	Pack of 144	Case of
0.5 dr. (1.8mL)	12 × 35mm	8-425	03-339-21A	69.86	16 Pk./770.84
1 dr. (3.7mL)	15 × 45mm	13-425	03-339-21B	57.66	16 Pk./636.19
1.5 dr. (5.5mL)	16 × 50mm	13-425	03-339-21C	62.15	16 Pk./685.79
2 dr. (7.4mL)	17 × 60mm	15-425	03-339-21D	65.54	12 Pk./542.28
3 dr. (11.1mL)	19 × 65mm	15-425	03-339-21E	71.35	8 Pk./393.68
4 dr. (14.8mL)	21 × 70mm	18-400	03-339-21F	82.64	8 Pk./455.90
4 dr. (14.8mL)	28 × 57mm	24-400	03-339-21J	100.67	3 Pk./208.29
6 dr. (22.2mL)	23 × 85mm	20-400	03-339-21G	87.79	6 Pk./363.25
6 dr. (22.2mL)	28 × 70mm	24-400	03-339-21K	107.43	3 Pk./222.26
8 dr. (29.6mL)	25 × 95mm	22-400	03-339-21H	94.85	4 Pk./261.62
9.5 dr. (35.1mL)	28 × 95mm	24-400	03-339-21M	116.02	3 Pk./240.05
11 dr. (40.7mL)	28 × 108mm	24-400	03-339-21N	123.36	3 Pk./255.22

VIALS: SAMPLE

Fisherbrand* Class B Clear Glass Threaded Vials

Autoclavable

- Made from Type I, Class B borosilicate glass
- Will not alter pH of sample

ORDERING INFORMATION: Closures are packaged separately

INCLUDES: Black phenolic screw-top closures with white rubber liners



03-339-22 Series

Capacity	O.D. x H	GPI Thread Finish	Cat. No.	Pack of 144	Case of
0.5 dr. (1.8mL)	12 x 35mm	8-425	03-339-22A	80.41	16 Pk./887.17
1 dr. (3.7mL)	15 x 45mm	13-425	03-339-22B	65.52	16 Pk./723.03
1.5 dr. (5.5mL)	16 x 50mm	13-425	03-339-22C	94.44	16 Pk./1042.11
2 dr. (7.4mL)	17 x 60mm	15-425	03-339-22D	74.78	12 Pk./618.84
3 dr. (11.1mL)	19 x 65mm	15-425	03-339-22E	76.80	8 Pk./423.73
4 dr. (14.8mL)	21 x 70mm	18-400	03-339-22F	93.53	8 Pk./515.95
4 dr. (14.8mL)	28 x 57mm	24-400	03-339-22J	129.93	3 Pk./268.84
6 dr. (22.2mL)	23 x 85mm	20-400	03-339-22G	104.87	6 Pk./433.99
6 dr. (22.2mL)	28 x 70mm	24-400	03-339-22K	133.05	3 Pk./275.21
8 dr. (29.6mL)	25 x 95mm	22-400	03-339-22H	114.63	4 Pk./316.22
9.5 dr. (35.1mL)	28 x 95mm	24-400	03-339-22M	139.21	3 Pk./288.04
11 dr. (40.7mL)	28 x 108mm	24-400	03-339-22N	144.81	3 Pk./299.58

Fisherbrand* Clear Glass Threaded Vials with Closures Attached

- General-purpose vials
- Made from Type I, Class B borosilicate glass

INCLUDES: Attached black phenolic screw-top closures with polyvinyl-faced pulp liner



03-338C

Capacity	O.D. x H	GPI Thread Finish	Cat. No.	Pack of	Case of
0.5 dr. (1.8mL)	12 x 35mm	8-425	03-338AA	144/102.76	36 Pk./2551.44
1 dr. (3.7mL)	15 x 45mm	13-425	03-338A	144/96.90	16 Pk./1069.34
1.5 dr. (5.5mL)	16 x 50mm	13-425	03-338B	144/100.67	18 Pk./1249.66
2 dr. (7.4mL)	17 x 60mm	15-425	03-338C	144/102.65	12 Pk./849.62
3 dr. (11.1mL)	19 x 65mm	15-425	03-338D	144/118.93	12 Pk./984.21
4 dr. (14.8mL)	21 x 70mm	18-400	03-338F	144/124.07	8 Pk./684.51
4 dr. (14.8mL)	28 x 57mm	24-400	03-338E	72/81.94	10 Pk./565.11
6 dr. (22.2mL)	23 x 85mm	20-400	03-338H	144/152.85	6 Pk./632.44
6 dr. (22.2mL)	28 x 70mm	24-400	03-338G	72/95.75	8 Pk./528.29
8 dr. (29.6mL)	25 x 95mm	22-400	03-338J	72/113.50	8 Pk./626.16
9.5 dr. (35.1mL)	28 x 95mm	24-400	03-338K	72/105.25	6 Pk./435.57
11 dr. (40.7mL)	28 x 108mm	24-400	03-338L	72/119.99	6 Pk./496.55

Fisherbrand* Class B Amber Glass Threaded Vials

With Closures Packaged Separately

General-purpose vials for light-sensitive materials

- Made from Type I, Class B amber borosilicate glass
- Autoclavable

ORDERING INFORMATION: Closures are packaged separately

INCLUDES: Black phenolic screw-top closures with white rubber liners



03-339-23A

Capacity	O.D. x H	GPI Thread Finish	Cat. No.	Pack of 144	Case of
0.5 dr. (1.8mL)	12 x 35mm	8-425	03-339-23A	92.51	16 Pk./1020.67
1 dr. (3.7mL)	15 x 45mm	13-425	03-339-23B	80.24	16 Pk./885.43
2 dr. (7.4mL)	17 x 60mm	15-425	03-339-23C	89.28	12 Pk./738.89
4 dr. (14.8mL)	21 x 70mm	18-400	03-339-23D	110.03	8 Pk./607.04
8 dr. (29.6mL)	25 x 95mm	22-400	03-339-23E	136.94	4 Pk./377.76

Fisherbrand* Class B Amber Glass Threaded Vials with Attached Caps

Packaged in partitioned trays

- General-purpose vials for light-sensitive materials
- Made from Type I, Class B amber borosilicate glass
- Autoclavable

INCLUDES: Attached black phenolic screw-top closures with PTFE-faced white 14B rubber liners

COMPLIANCE: Meet ASTM* Type I, Class B and USP Type I standards



02-912-360 Series

Capacity	O.D. x H	GPI Thread Finish	Cat. No.	Case of
0.5 dr. (1.8mL)	12 x 35mm	8-425	02-912-360	288/881.58
1 dr. (3.7mL)	15 x 45mm	13-425	02-912-361	144/229.85
2 dr. (7.4mL)	17 x 60mm	15-425	02-912-362	144/218.07
5 dr. (18.5mL)	28 x 57mm	24-400	02-912-363	72/144.39
10 dr. (37mL)	28 x 95mm	24-400	02-912-364	72/175.33

VIALS: SAMPLE

Fisherbrand® Glass Tooled-Neck Vials with Polyethylene Closures

General purpose

- Made from Type 1, N-51A borosilicate glass
- Tooled necks ensure accurate fit with closures

INCLUDES: The 1- and 2-dram sizes come with open-bottom closures; all other sizes come with closed-bottom, two-piece closures. (Closures are packaged separately)



03-339-27A

Capacity	O.D. × H	Cat. No.	Pack of 144	Case of
1 dr. (3.7mL)	15 × 45mm	03-339-27A	56.44	16 Pk./622.80
2 dr. (7.4mL)	19 × 48mm	03-339-27B	63.98	10 Pk./441.34
3 dr. (11.1mL)	21 × 50mm	03-339-27C	73.01	8 Pk./402.80
4 dr. (14.8mL)	25 × 52mm	03-339-27D	84.90	6 Pk./351.32
5 dr. (18.5mL)	27 × 55mm	03-339-27E	95.62	4 Pk./263.79
6 dr. (25.9mL)	29 × 65mm	03-339-27F	101.37	3 Pk./209.74

VIALS: SCINTILLATION

Fisherbrand® 7mL Borosilicate Glass Scintillation Vial

Smaller capacity vial saves in solvent use and disposal

ORDERING INFORMATION: Packed in five shrink-wrapped trays of 200 vials; five polybags of 200 caps

INCLUDES: White plastic screw cap with cork-backed metal foil liner



03-337-26

O.D. × H	GPI Thread Finish	Cat. No.	Case of 1000
17 × 54mm	15-425	03-337-26	430.50

Fisherbrand® 20mL Borosilicate Glass Scintillation Vials

Fit all common counters

- Potassium-free glass provides consistently low activity counts and excellent light transmission
- Caps fit GPI 22-400 thread finish and are suitable for marking

ORDERING INFORMATION: O.D. × H (with cap):

1 1/8 × 2 3/8" (28 × 61mm). Vials with caps attached are shrink-wrapped in five trays of 100 per case. When caps are separate, vials are shrink-wrapped in five trays of 100 per case, and caps are packed in five polybags of 100 caps each.



03-337-15

Cap Style	Packaging	Cat. No.	Case of 500
White Urea Caps			
Cork-backed metal foil liner	Caps attached	03-337-5	256.39
Cork-backed metal foil liner	Caps separate	03-340-4E	260.35
Cone-shaped plastic liner	Caps separate	03-337-7	348.85
White Polypropylene Caps			
Pulp-backed metal foil liner	Caps attached	03-337-4	261.64
Pulp-backed metal foil liner	Caps separate	03-337-15	241.18
White Polyethylene Caps			
No liner	Caps separate	03-337-14	232.29

VIALS: SHELL

Fisherbrand® Glass Shell Vials

Straight-sided

- Made from Type 1, N-51A borosilicate glass
- Ideal for storing dry products
- Good visibility of contents

ORDERING INFORMATION: Vials without closures use corks (sold separately)



03-339-26G

Capacity	O.D. × H	Cat. No.	Pack of 144	Case of
Bulk pack with Tite-Seal® closures				
0.5 dr. (1.8mL)	12 × 35mm	03-339-26A	47.09	16 Pk./512.57
1 dr. (3.7mL)	15 × 45mm	03-339-26B	44.21	16 Pk./481.25
2 dr. (7.4mL)	19 × 51mm	03-339-26C	63.09	----
3 dr. (11.1mL)	19 × 65mm	03-339-26D	75.03	8 Pk./408.30
7 dr. (25.9mL)	29 × 65mm	03-339-26F	124.26	3 Pk./253.58
10 dr. (37.0mL)	29 × 80mm	03-339-26G	130.03	3 Pk./265.37
12 dr. (44.4mL)	29 × 94mm	03-339-26H	131.14	3 Pk./267.64
Lab pack without closures				
0.25 dr. (0.9mL)	9 × 30mm	03-339-30A	37.67	10 Pk./256.23
0.5 dr. (1.8mL)	12 × 35mm	03-339-30B	30.50	10 Pk./207.50
1 dr. (3.7mL)	15 × 45mm	03-339-30C	37.31	10 Pk./253.84
1.5 dr. (5.5mL)	15 × 50mm	03-339-30D	56.49	6 Pk./233.74
2 dr. (7.4mL)	17 × 60mm	03-339-30E	83.36	6 Pk./344.93
3 dr. (11.1mL)	19 × 65mm	03-339-30F	66.19	6 Pk./273.84
4 dr. (14.8mL)	21 × 70mm	03-339-30G	67.75	4 Pk./186.88
6 dr. (22.2mL)	23 × 85mm	03-339-30H	79.36	4 Pk./215.95
8 dr. (29.6mL)	25 × 95mm	03-339-30J	129.19	4 Pk./351.54

ACCESSORIES

Fisherbrand® Sparkleen® 1 Detergent

Removes proteins, fats, oils, media, wax pencil marks, dried blood and other organic-inorganic deposits from glassware

Especially valuable in exacting titrations and analyses. Excellent for presterilization cleaning and as soak solution to loosen frozen glass joints.

- Fast-dissolving powder
- Free rinsing
- For manual washing
- Contains phosphates
- Softens water, removes stains



04-320-4

Size	Cat. No.	Each	Case of 12
3/4 lb. box (1.5kg)	04-320-4	50.70	499.92
100 lb. drum (45kg)	04-320-5	873.64	----

Fisherbrand® Glass-Disposal Boxes

Keep glass separate from other waste

- Sturdy, corrugated cardboard
- Lined with tough, 2mil-thick polybag
- Identifying graphics with instructions (intermediate and floor models have top cover instructions in English and Spanish)
- Unique integral lid provides added safety

12-009-7A (box),
17-988-449
(holder, available separately)



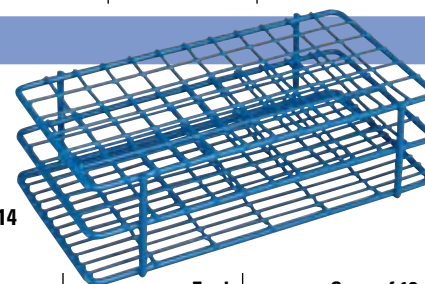
Model	L x W x H	Cat. No.	Pack of 6
Benchtop	8 x 8 x 10" (20 x 20 x 25cm)	12-009-7B	66.19
Intermediate	12 x 12 x 20" (30 x 30 x 51cm)	17-988-448	68.39
Floor	12 x 12 x 27" (30 x 30 x 69cm)	12-009-7A	107.56

Model	L x W x H	Cat. No.	Each
Benchtop	10 x 10 x 10.75" (25.4 x 25.4 x 27.3cm)	17-988-451	176.50
Intermediate	13 x 13 x 20.25" (33 x 33 x 52.1cm)	17-988-450	330.94
Floor	13 x 13 x 27.75" (33 x 33 x 70.5cm)	17-988-449	488.69

Fisherbrand® Poxygrid® Test Tube Racks

Resist rust, corrosion, abrasives, organic solvents, acids, and alkalis

- Epoxy-coated, heavy-gauge steel wire
- Three decks and no legs
- Square holes hold test tubes securely
- Autoclavable
- Withstand temperatures to 121°C (250°F)



14-793-14

For Tube Size	No. of Places	No. of Rows	Dimensions (L x W x H)	Cat. No.	Each	Case of 12
13mm	72	6 x 12	7.88 x 4 x 2.13" (20 x 10 x 5.4cm)	14-793-14	62.54	641.40
13mm	108	9 x 12	8 x 6.13 x 2.38" (20 x 16 x 6cm)	14-793-15	77.66	810.34
16mm	48	4 x 12	9.5 x 3.38 x 2.5" (24.1 x 8.6 x 6.4cm)	14-793-11	67.57	693.04
16mm	72	6 x 12	9.25 x 4.75 x 2.75" (23.5 x 12 x 7cm)	14-793-12	62.54	641.40
16mm	108	9 x 12	9.5 x 7.13 x 2.63" (24.1 x 18 x 6.7cm)	14-793-13	75.78	790.73
20mm	40	4 x 10	9.38 x 3.88 x 3.25" (23.8 x 9.8 x 8.3cm)	14-793-9	75.36	786.43
20mm	80	8 x 10	9.63 x 7.63 x 3" (24.4 x 19 x 7.6cm)	14-793-10	73.17	763.50
22mm	40	4 x 10	10.25 x 4.88 x 3.25" (26 x 11 x 8.3cm)	14-793-7	64.43	660.84
22mm	80	8 x 10	10.38 x 8.38 x 3.5" (26 x 21 x 8.9cm)	14-793-8	80.83	843.40
25mm	40	4 x 10	11.5 x 4.75 x 3.63" (29 x 12 x 9cm)	14-793-6	59.95	614.99
25mm	80	8 x 10	11.5 x 9.25 x 3.5" (29 x 23.5 x 8.9cm)	14-793-5	87.26	910.51
30mm	24	3 x 8	10.88 x 4.25 x 3.25" (28 x 11 x 8.3cm)	14-793-3	75.36	786.43
30mm	48	6 x 8	10.88 x 8.13 x 4" (28 x 21 x 10cm)	14-793-4	87.09	908.85
40mm	24	3 x 8	14 x 5.5 x 4" (36 x 14 x 10cm)	14-793-1	75.36	786.43
40mm	48	6 x 8	14 x 10.63 x 3.88" (36 x 27 x 9.8cm)	14-793-2	79.20	826.45

Fisherbrand® Covered Lead Rings for Flasks

Stabilize Erlenmeyer flasks immersed in water baths

- Reduce costly breakage and spilling
- Tough chemical-resistant coating



05-869 Series

For Flask Size	I.D.	Cat. No.	Each
125 to 500mL	1 5/8" (41mm)	05-869-5	20.87
250 to 1000mL	2" (51mm)	05-869-6	23.06
500 to 2000mL	2 1/8" (56mm)	05-869-7	27.50
1000 to 4000mL	2 3/4" (70mm)	05-869-8	29.69

Fisherbrand® Color-Coded ABS Plastic Boxes for 25 or 100 Slides

Provide dust-free storage; available in five colors

Sturdy, color-coded ABS plastic boxes accommodate either 25 or 100 slides.

- Hold 3 x 1" and 75 x 25mm slides
- Numbered slide partitions correspond to numbered index card in lid
- Stackable
- 100-slide box comes with hinged lid



03-448-1 through -5

Color	Cat. No.	Each	Case of 72
Hold 25 Slides			
Blue	03-448-6	14.57	801.87
Green	03-448-7	14.57	801.87
Red	03-448-8	14.57	801.87
Yellow	03-448-9	14.86	817.74
White	03-448-10	14.75	802.00
Hold 100 Slides			
Blue	03-448-1	25.00	1346.00
Green	03-448-2	25.50	1373.00
Red	03-448-3	25.00	1339.00
Yellow	03-448-4	25.00	1339.00
White	03-448-5	25.00	1346.00



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