

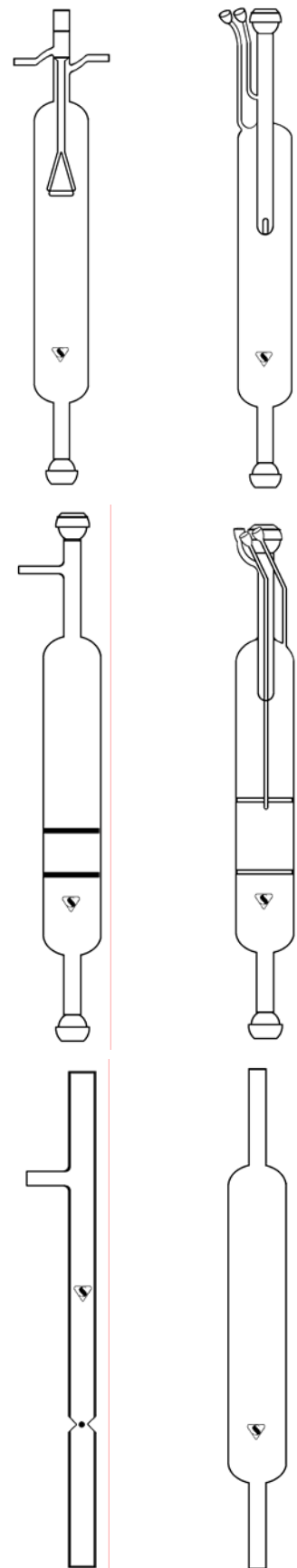
19-1000: QUARTZ PYROLYSIS TUBES

Fabricated to factory standards of clear, fused quartz. Save 50% over factory replacement.

Standard Pyrolysis tubes available for the following manufacturer's equipment.

Antek
Dohrmann
Ionics

Mitsubishi
Perkin-Elmer
Tracor



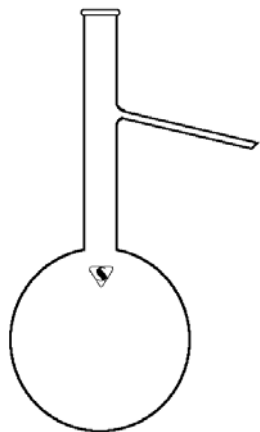
To Order, Call Specialty Glass, Inc. Toll Free 1-800-899-2137

QUARTZ WARE



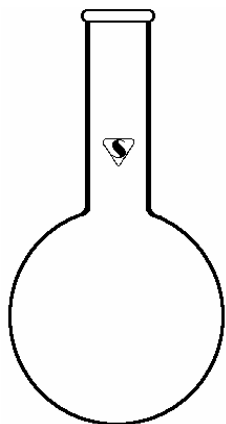
19-1020: BOILING FLASK – Round Bottom with $\overline{\text{S}}$ outer joint.

| Code # | Capacity-ml | $\overline{\text{S}}$ Joint Size | Diameter-mm | Height-mm |
|--------|-------------|----------------------------------|-------------|-----------|
| 01 | 50 | 19/38 | 52 | 117 |
| 02 | 100 | 24/40 | 65 | 132 |
| 03 | 125 | 24/40 | 69 | 136 |
| 04 | 150 | 24/40 | 74 | 141 |
| 05 | 200 | 24/40 | 79 | 146 |
| 06 | 250 | 24/40 | 86 | 153 |
| 07 | 500 | 24/40 | 176 | 176 |
| 08 | 750 | 24/40 | 124 | 231 |
| 09 | 1000 | 29/42 | 136 | 243 |
| 10 | 1500 | 29/42 | 149 | 256 |
| 11 | 2000 | 29/42 | 162 | 269 |



19-1022: FLASK, DISTILLATION, ENGLER - For use in petroleum distillation in accordance with ASTM D86 and D216. Uses #2 stopper.

| Code # | Flask-mm |
|--------|----------|
| 01 | 10 |
| 02 | 25 |
| 03 | 50 |
| 04 | 100 |
| 05 | 125 |



19-1024: BOILING FLASK

| Code # | Capacity cc |
|--------|-------------|
| 01 | 10 |
| 02 | 25 |
| 03 | 50 |
| 04 | 100 |
| 05 | 125 |
| 06 | 150 |
| 07 | 200 |
| 08 | 250 |
| 09 | 500 |

To Order, Call Specialty Glass, Inc. Toll Free 1-800-899-2137

19-1024: BOILING FLASK - With 5 outer joint.

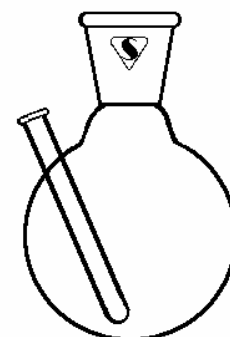
| Code # | Capacity cc | Joint Size |
|--------|-------------|------------|
| 01 | 10 | 19/38 |
| 02 | 25 | 24/40 |
| 03 | 50 | 24/40 |
| 04 | 100 | 24/40 |
| 05 | 125 | 24/40 |
| 06 | 150 | 24/40 |
| 07 | 200 | 24/40 |
| 08 | 250 | 29/42 |
| 09 | 500 | 29/42 |
| 10 | 1000 | 29/42 |



19-1026: FLASK, ROUND BOTTOM, SHORT NECK WITH THERMOMETER WELL.

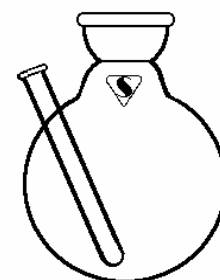
| Capacity ml | Code 14/35 | Code 19/38 | Code 24/40 | Code 29/42 | Code 34/45 | Code 45/50 | Code 55/50 |
|-------------|------------|------------|------------|------------|------------|------------|------------|
| 50 | 01 | 03 | 11 | 22 | | | |
| 100 | 02 | 04 | 12 | 23 | | | |
| 125 | | 05 | 13 | 24 | | | |
| 200 | | 06 | 14 | 25 | | | |
| 250 | | 07 | 15 | 26 | | | |
| 300 | | 08 | 16 | 27 | | | |
| 500 | | 09 | 17 | 28 | 33 | | |
| 1000 | | 10 | 18 | 29 | 34 | | |
| 2000 | | | 19 | 30 | 35 | | |
| 3000 | | | 20 | 31 | 36 | 38 | |
| 5000 | | | 21 | 32 | 37 | 39 | 41 |
| 12000 | | | | | | 40 | 42 |

Other 5 joint sizes available.



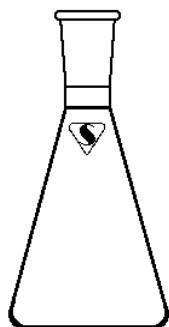
19-1028: FLASK, ROUND BOTTOM SHORT NECK WITH THERMOMETER WELL.

| Capacity ml | Code 28/15 | Code 35/25 | Code 50/30 | Code 65/40 |
|-------------|------------|------------|------------|------------|
| 50 | 01 | 10 | | |
| 100 | 02 | 11 | | |
| 125 | 03 | 12 | | |
| 200 | 04 | 13 | | |
| 250 | 05 | 14 | | |
| 300 | 06 | 15 | | |
| 500 | 07 | 16 | | |
| 1000 | 08 | 17 | | |
| 2000 | 09 | 18 | 21 | |
| 3000 | | 19 | 22 | |
| 5000 | | 20 | 23 | 24 |
| 12000 | | | | 25 |



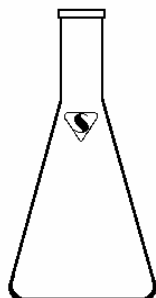
To Order, Call Specialty Glass, Inc. Toll Free 1-800-899-2137

QUARTZ WARE



19-1030: ERLENMEYER FLASK - With $\overline{\text{S}}$ outer joint.

| Code # | Capacity cc | Joint Size |
|--------|-------------|------------|
| 01 | 50 | 19/38 |
| 02 | 100 | 24/40 |
| 03 | 200 | 24/40 |
| 04 | 250 | 24/40 |
| 05 | 300 | 24/40 |
| 06 | 500 | 24/40 |
| 07 | 750 | 24/40 |
| 08 | 1000 | 29/42 |
| 09 | 1500 | 29/42 |
| 10 | 2000 | 29/42 |



19-1035: ERLENMEYER FLASK

| Code # | Capacity cc |
|--------|-------------|
| 01 | 10 |
| 02 | 25 |
| 03 | 50 |
| 04 | 100 |
| 05 | 150 |
| 06 | 200 |
| 07 | 250 |
| 08 | 300 |
| 09 | 500 |
| 10 | 750 |
| 11 | 1000 |



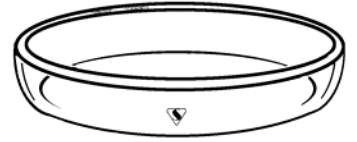
19-1040: ROUND DISH

| Code # | Capacity-ml | Dimensions H x D – mm |
|--------|-------------|-----------------------|
| 01 | 35 | 15x60 |
| 02 | 65 | 15x70 |
| 03 | 100 | 15x100 |
| 04 | 125 | 15x127 |

To Order, Call Specialty Glass, Inc. Toll Free 1-800-899-2137

19-1060: CRUCIBLE, LOW FORM

| Code # | Capacity-ml | Diameter Top-mm | Diameter Base-mm | Height-mm |
|--------|-------------|-----------------|------------------|-----------|
| 01 | 15 | 41 | 15 | 28 |
| 02 | 25 | 47 | 18 | 30 |
| 03 | 40 | 57 | 20 | 45 |



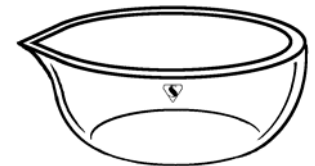
19-1080: CRUCIBLE, TALL FORM

| Code # | Capacity-ml | Diameter Top-mm | Diameter Base-mm | Height-mm |
|--------|-------------|-----------------|------------------|-----------|
| 01 | 15 | 34 | 18 | 42 |
| 02 | 20 | 39 | 20 | 46 |
| 03 | 30 | 43 | 22 | 57 |
| 04 | 50 | 46 | 22 | 62 |



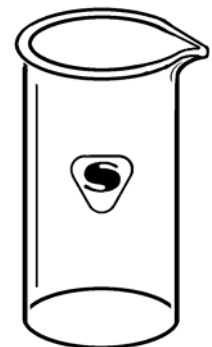
19-1120: BEAKER, GRIFFIN, LOW FORM – With Spout - Evaporation

| Code # | Capacity-ml | Dimensions H x D – mm |
|--------|-------------|-----------------------|
| 01 | 25 | 33x45 |
| 02 | 50 | 45x50 |
| 03 | 100 | 51x62 |
| 04 | 150 | 59x76 |
| 05 | 200 | 64x84 |
| 06 | 250 | 67x86 |
| 07 | 300 | 74x92 |
| 08 | 400 | 80x105 |
| 09 | 500 | 84x112 |
| 10 | 600 | 90x119 |
| 11 | 800 | 100x127 |
| 12 | 1000 | 107x140 |
| 13 | 2000 | 138x169 |



19-1140: BEAKER, GRIFFIN, TALL FORM – With spout.

| Code # | Capacity-ml | Dimensions H x D – mm |
|--------|-------------|-----------------------|
| 01 | 25 | 29x57 |
| 02 | 50 | 35x73 |
| 03 | 100 | 45x89 |
| 04 | 150 | 49x102 |
| 05 | 200 | 54x111 |
| 06 | 250 | 57x118 |
| 07 | 300 | 61x124 |
| 08 | 400 | 68x140 |
| 09 | 500 | 74x146 |
| 10 | 1000 | 92x181 |



QUARTZ WARE



19-1160: TUBING AND ROD

| Code # | ID | OD | Code # | ID | OD | Code # | ID | OD | Code # | ID | OD |
|--------|------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|
| 01 | 1.00 | 2.00 | 31 | 7.00 | 9.60 | 61 | 16.00 | 18.00 | 91 | 27.00 | 30.00 |
| 02 | 1.00 | 3.00 | 32 | 7.00 | 10.40 | 62 | 16.00 | 19.00 | 92 | 28.00 | 31.00 |
| 03 | 1.00 | 4.00 | 33 | 7.75 | 9.75 | 63 | 16.00 | 20.00 | 93 | 28.00 | 32.00 |
| 04 | 1.00 | 5.00 | 34 | 8.00 | 10.00 | 64 | 17.00 | 19.00 | 94 | 30.00 | 33.00 |
| 05 | 1.00 | 6.00 | 35 | 8.00 | 11.00 | 65 | 17.00 | 20.00 | 95 | 30.00 | 34.00 |
| 06 | 2.00 | 3.00 | 36 | 8.00 | 12.00 | 66 | 18.00 | 20.00 | 96 | 30.00 | 36.00 |
| 07 | 2.00 | 4.00 | 37 | 9.00 | 11.00 | 67 | 18.00 | 20.50 | 97 | 32.00 | 35.00 |
| 08 | 2.00 | 5.00 | 38 | 9.00 | 11.80 | 68 | 18.00 | 21.00 | 98 | 34.00 | 38.00 |
| 09 | 2.00 | 6.00 | 39 | 9.00 | 13.00 | 69 | 18.00 | 21.60 | 99 | 35.00 | 38.00 |
| 10 | 2.00 | 8.00 | 40 | 9.00 | 15.00 | 70 | 19.00 | 22.00 | 100 | 36.00 | 40.00 |
| 11 | 2.30 | 6.30 | 41 | 10.00 | 12.00 | 71 | 19.00 | 25.00 | 101 | 37.00 | 40.00 |
| 12 | 3.00 | 4.00 | 42 | 10.00 | 13.00 | 72 | 20.00 | 22.00 | 102 | 38.10 | 42.10 |
| 13 | 3.00 | 5.00 | 43 | 10.00 | 14.00 | 83 | 20.00 | 22.50 | 103 | 40.00 | 43.00 |
| 14 | 3.00 | 6.00 | 44 | 10.50 | 12.75 | 74 | 20.00 | 23.00 | 104 | 40.00 | 44.00 |
| 15 | 3.60 | 8.00 | 45 | 10.50 | 13.00 | 75 | 20.00 | 23.60 | 105 | 40.00 | 46.00 |
| 16 | 4.00 | 6.00 | 46 | 10.50 | 15.80 | 76 | 20.00 | 24.00 | 106 | 42.00 | 45.00 |
| 17 | 4.00 | 6.35 | 47 | 11.00 | 13.00 | 77 | 20.00 | 24.50 | 107 | 42.00 | 46.00 |
| 18 | 4.00 | 8.00 | 48 | 11.00 | 15.00 | 78 | 20.00 | 25.00 | 108 | 44.00 | 48.00 |
| 19 | 4.10 | 10.00 | 49 | 12.00 | 14.00 | 79 | 22.00 | 24.00 | 109 | 45.00 | 48.00 |
| 20 | 4.50 | 9.10 | 50 | 12.00 | 15.00 | 80 | 22.00 | 24.50 | 110 | 46.00 | 50.00 |
| 21 | 5.00 | 7.00 | 51 | 12.00 | 16.00 | 81 | 22.00 | 25.00 | 111 | 47.00 | 50.00 |
| 22 | 5.00 | 7.25 | 52 | 13.00 | 15.00 | 82 | 22.00 | 25.80 | 112 | 48.00 | 52.00 |
| 23 | 5.00 | 8.00 | 53 | 13.00 | 15.80 | 83 | 24.00 | 26.00 | 113 | 50.00 | 54.00 |
| 24 | 5.00 | 10.00 | 54 | 13.00 | 16.00 | 82 | 24.00 | 28.00 | 114 | 50.00 | 55.00 |
| 25 | 6.00 | 8.00 | 55 | 13.00 | 16.20 | 85 | 25.00 | 27.00 | 115 | 52.00 | 58.00 |
| 26 | 6.00 | 10.00 | 56 | 13.50 | 19.00 | 86 | 25.00 | 27.50 | 116 | 53.00 | 57.00 |
| 27 | 6.00 | 11.00 | 57 | 14.00 | 16.00 | 87 | 25.00 | 28.00 | 117 | 55.00 | 59.00 |
| 28 | 6.00 | 12.00 | 58 | 14.00 | 18.00 | 88 | 25.00 | 28.80 | 118 | 57.00 | 61.00 |
| 29 | 6.00 | 13.00 | 59 | 15.00 | 17.00 | 89 | 26.00 | 29.60 | 119 | 60.00 | 64.00 |
| 30 | 7.00 | 9.00 | 60 | 15.00 | 18.00 | 90 | 26.00 | 30.00 | 120 | 60.00 | 65.00 |



19-1180: QUARTZ ROD

| Code # | Size mm | OD Tolerances | Code # | Size mm | OD Tolerances |
|--------|---------|---------------|--------|---------|---------------|
| 01 | 1.0 | ±.20mm | 21 | 18.0 | 1% max |
| 02 | 1.5 | ±.30mm | 22 | 19.0 | 1% max |
| 03 | 2.0 | ±.20mm | 23 | 20.0 | 1% max |
| 04 | 2.5 | ±.25mm | 24 | 22.0 | 1% max |
| 05 | 3.0 | ±.30mm | 25 | 25.0 | 1% max |
| 06 | 4.0 | ±.15mm | 26 | 26.0 | 1% max |
| 07 | 5.0 | ±.15mm | 27 | 27.0 | 1% max |
| 08 | 6.0 | ±.15mm | 28 | 28.0 | 1% max |
| 09 | 6.4 | ±.20mm | 29 | 29.0 | 1% max |
| 10 | 7.0 | ±.30mm | 30 | 30.0 | 1% max |
| 11 | 8.0 | ±1.5% | 31 | 31.0 | 1% max |
| 12 | 9.0 | ±1.5% | 32 | 32.0 | 1% max |
| 13 | 10.0 | ±1.5% | 33 | 33.0 | 1% max |
| 14 | 11.0 | ±1.5% | 34 | 34.0 | 1% max |
| 15 | 12.0 | ±1.5% | 35 | 35.0 | 1% max |
| 16 | 13.0 | ±1.5% | 36 | 36.0 | 1% max |
| 17 | 14.0 | ±1.5% | 37 | 37.0 | 1% max |
| 18 | 15.0 | ±1.5% | 38 | 38.0 | 1% max |
| 19 | 16.0 | 1% max | 39 | 40.0 | 1% max |
| 20 | 17.0 | 1% max | | | |

To Order, Call Specialty Glass, Inc. Toll Free 1-800-899-2137