

# Now You Can Browse & Research Our Products On-line!

[www.cglifesciences.com](http://www.cglifesciences.com)

Shop like you would  
in our Catalog!

View our complete catalog  
of over 8,000 products!

User friendly and  
secure ordering forms

Convenient shopping hours  
(Yours!)

Full color photos  
and detailed diagrams

See your customized  
discount levels  
right on-line!



# 2009 BEST FOR LESS

Starting January 1, 2009  
we are pleased to offer our  
most popular components  
at special reduced prices.

All of these components  
are manufactured entirely  
at Chemglass and meet  
our stringent quality  
control standards.

No minimum order  
is required to receive the  
special reduced pricing.

All the items included in  
this special offer, along with  
most of our glassblowing  
components are available  
for shipment within 24 hours  
after receipt of order.



3800 North Mill Road • Vineland NJ 08360  
U.S. and Canada phone: 1-800-843-1794 • Fax: 1-800-922-4361

[customer-service@cglifesciences.com](mailto:customer-service@cglifesciences.com)  
[www.cglifesciences.com](http://www.cglifesciences.com)



3800 North Mill Road • Vineland NJ 08360  
U.S. and Canada phone: 1-800-843-1794 • Fax: 1-800-922-4361

[customer-service@cglifesciences.com](mailto:customer-service@cglifesciences.com)  
[www.cglifesciences.com](http://www.cglifesciences.com)

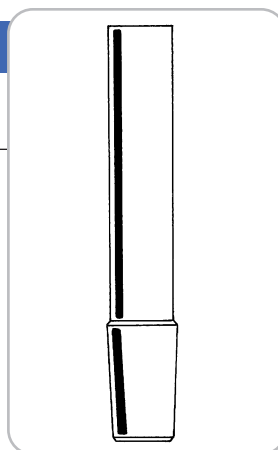
To make sure you receive  
the prices listed, please  
order using the CGB prefix.  
PRICES NET AS SHOWN.

This offer expires on  
December 31, 2009.

To take advantage  
of our reduced pricing  
**CALL TODAY**  
1-800-843-1794

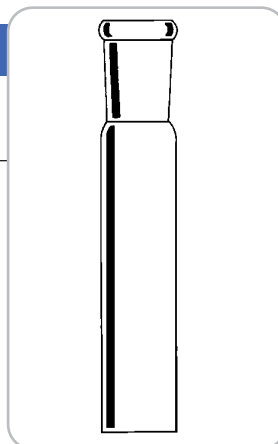
### CGB-100 GROUND JOINT, INNER, FULL LENGTH

| Part Number | Joint Size | Tubing O.D. x Wall mm | Price Each |
|-------------|------------|-----------------------|------------|
| CGB-100-04  | 14/35      | 12.7 x 1.6            | 3.60       |
| CGB-100-05  | 19/38      | 17.0 x 1.8            | 4.10       |
| CGB-100-06  | 24/40      | 22 x 1.8              | 3.20       |
| CGB-100-07  | 29/42      | 28 x 2.0              | 4.40       |
| CGB-100-08  | 34/45      | 32 x 2.4              | 6.00       |
| CGB-100-10  | 45/50      | 41 x 2.0              | 8.60       |
| CGB-100-12  | 55/50      | 51 x 2.0              | 11.55      |



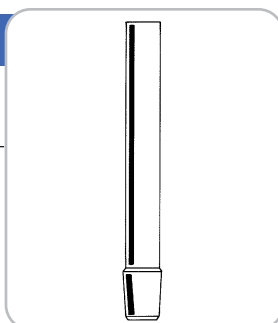
### CGB-101 GROUND JOINT, OUTER, FULL LENGTH

| Part Number | Joint Size | Tubing O.D. x Wall mm | Price Each |
|-------------|------------|-----------------------|------------|
| CGB-101-04  | 14/35      | 19 x 1.8              | 4.20       |
| CGB-101-05  | 19/38      | 22 x 1.8              | 4.20       |
| CGB-101-06  | 24/40      | 28 x 2.0              | 3.20       |
| CGB-101-07  | 29/42      | 32 x 2.4              | 4.40       |
| CGB-101-08  | 34/45      | 38 x 2.0              | 6.85       |
| CGB-101-10  | 45/50      | 48 x 2.3              | 9.10       |
| CGB-101-12  | 55/50      | 60 x 2.4              | 12.05      |



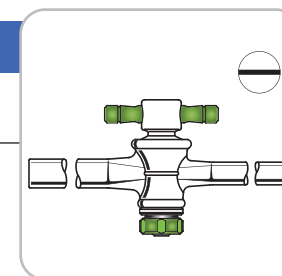
### CGB-104 GROUND JOINT, INNER, MEDIUM LENGTH

| Part Number | Joint Size | Tubing O.D. x Wall mm | Price Each |
|-------------|------------|-----------------------|------------|
| CGB-104-05  | 10/18      | 8.00 x 1.5            | 3.35       |
| CGB-104-08  | 14/20      | 12.7 x 1.6            | 3.25       |
| CGB-104-09  | 19/22      | 17.0 x 1.8            | 3.50       |



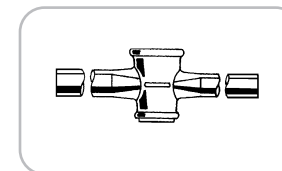
### CGB-428 STOPCOCK, STRAIGHT BORE 1-ARM LARGER, TEFLON

| Part Number | Bore mm | Plug Size | Sidearm O.D. mm | Price Each |
|-------------|---------|-----------|-----------------|------------|
| CGB-428-01  | 2       | 11/25     | 8 & 10          | 16.50      |
| CGB-428-02  | 4       | 15.2/30   | 10 & 12         | 21.00      |
| CGB-428-03  | 6       | 16/35     | 11 & 12         | 24.50      |



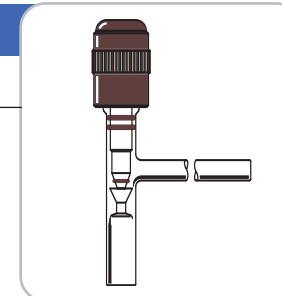
### GLASS SHELL ONLY

|            |   |         |         |       |
|------------|---|---------|---------|-------|
| CGB-428-20 | 2 | 11/25   | 8 & 9   | 13.00 |
| CGB-428-22 | 4 | 15.2/30 | 10 & 12 | 15.50 |
| CGB-428-24 | 6 | 16/35   | 11 & 12 | 20.00 |



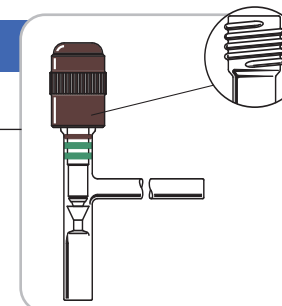
### CGB-934 VALVE, TFE, O-RING, HIGH VACUUM, 1-ARM

| Part Number | Bore mm | O-ring Type | Price Each |
|-------------|---------|-------------|------------|
| CGB-934-01  | 0-4     | Viton       | 18.50      |
| CGB-934-02  | 0-8     | Viton       | 25.00      |
| CGB-934-03  | 0-12    | Viton       | 27.00      |



### CGB-960 VALVE, CHEM-CAP®, HIGH VACUUM, 1-ARM

| Part Number | Bore mm | Price Each |
|-------------|---------|------------|
| CGB-960-01  | 0-4     | 20.00      |
| CGB-960-02  | 0-8     | 27.00      |
| CGB-960-03  | 0-12    | 29.00      |



### CGK-560 & 534 0-4MM, 1-ARM KONTES® STYLE VALVE

This Kontes style hi-vac valve has a single sidearm seal at a 90° angle to the barrel. This inexpensive configuration allows for the lower portion of the barrel to be sealed directly to the apparatus being constructed, making for more compact, stronger assemblies. Designed with a precision external thread for fine control. The CGK-534 has an exposed o-ring tip, while the CGK-560 has a teflon tip. Fully interchangeable with Kontes style valves.



| Part Number | Description                     | Price |
|-------------|---------------------------------|-------|
| CGK-534-01  | 0-4mm 1-Arm, Exposed O-Ring Tip | 23.50 |
| CGK-560-01  | 0-4mm 1-Arm, Teflon Tip         | 22.00 |

### REPLACEMENT COMPONENTS:

| Part Number | Description                         | Price |
|-------------|-------------------------------------|-------|
| CGK-502-01  | 0-4mm 1-arm, Glass Only             | 15.00 |
| CGK-535-01  | 0-4mm Plug Only, Exposed O-Ring Tip | 9.00  |
| CGK-561-01  | 0-4mm Plug Only, Teflon Tip         | 7.50  |



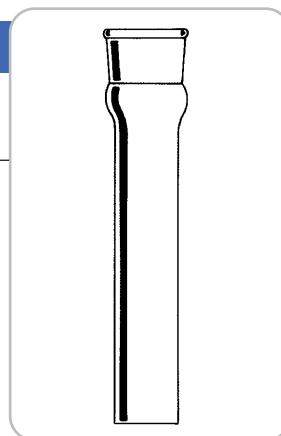
3800 North Mill Road • Vineland NJ 08360  
U.S. and Canada phone: 1-800-843-1794 • Fax: 1-800-922-4361

customer-service@cglifesciences.com  
www.cglifesciences.com

visit our website: [www.cglifesciences.com](http://www.cglifesciences.com)

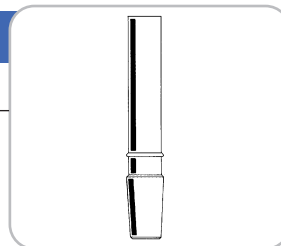
### CGB-125 GROUND JOINT, FLASK LENGTH

| Part Number | Joint Size | Tubing O.D. x Wall mm | Price Each |
|-------------|------------|-----------------------|------------|
| CGB-125-01  | 9          | 11 x 1.5              | 4.20       |
| CGB-125-02  | 13         | 15 x 1.2              | 4.30       |
| CGB-125-03  | 16         | 17 x 1.8              | 4.50       |
| CGB-125-04  | 19         | 19 x 1.8              | 5.15       |
| CGB-125-05  | 22         | 22 x 1.8              | 5.25       |
| CGB-125-06  | 27         | 25 x 1.5              | 5.35       |
| CGB-125-09  | 38         | 45 x 2.0              | 8.00       |



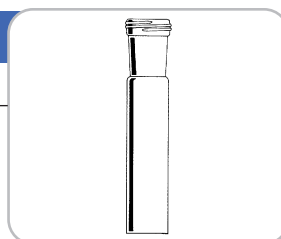
### CGB-170 GROUND JOINT, RODAVISS®, INNER

| Part Number | Joint Size | Price Each |
|-------------|------------|------------|
| CGB-170-01  | 14/20      | 4.10       |
| CGB-170-05  | 24/40      | 4.50       |
| CGB-170-08  | 45/50      | 11.20      |



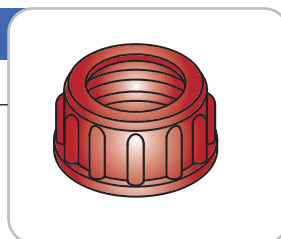
### CGB-172 GROUND JOINT, RODAVISS®, OUTER

| Part Number | Joint Size | Price Each |
|-------------|------------|------------|
| CGB-172-01  | 14/20      | 4.20       |
| CGB-172-05  | 24/40      | 5.40       |
| CGB-172-08  | 45/50      | 14.35      |



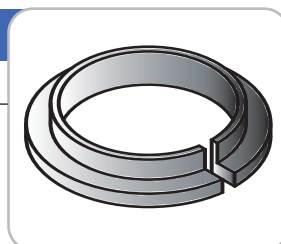
### CGB-182 JOINT CAP, WITH HOLE, RODAVISS®

| Part Number | Size | Price Each |
|-------------|------|------------|
| CGB-182-01  | 14   | 1.05       |
| CGB-182-03  | 24   | 1.35       |
| CGB-182-06  | 45   | 3.90       |



### CGB-184 LOOSENING RING, POLYPROPYLENE, RODAVISS®

| Part Number | Size | Price Each |
|-------------|------|------------|
| CGB-184-01  | 14   | .45        |
| CGB-184-03  | 24   | .45        |
| CGB-184-06  | 45   | .85        |

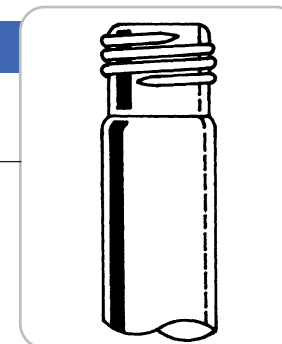


### ORDERING INFORMATION

To place an order, please specify part number and quantity.  
To take advantage of the reduced pricing, order using the CGB prefix.

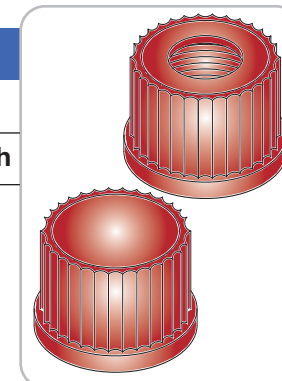
### CGB-194 SCREW THREAD TUBE, GL

| Part Number | GL Size | Tubing Dimensions O.D. x Wall mm | Overall Length mm | Tubing I.D. mm | Price Each |
|-------------|---------|----------------------------------|-------------------|----------------|------------|
| CGB-194-01  | 14      | 12 x 1.5                         | 100               | 8.45           | 1.80       |
| CGB-194-02  | 18      | 16 x 1.8                         | 100               | 11             | 2.10       |
| CGB-194-03  | 25      | 22 x 1.8                         | 100               | 18             | 3.10       |
| CGB-194-04  | 32      | 28 x 2.0                         | 100               | 23             | 4.50       |
| CGB-194-05  | 45      | 40 x 2.3                         | 100               | 34.5           | 6.80       |



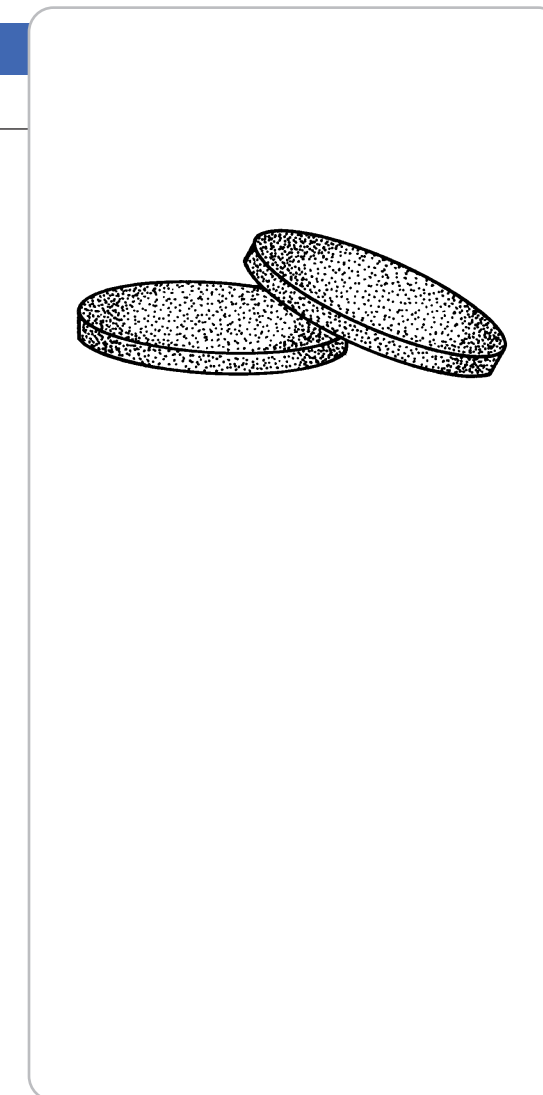
### CGB-195 / CGB-196 CAPS, FOR GL THREAD

| CBG-195 CAPS WITH APERTURE |         |            | CBG-196 SOLID CAPS |         |            |
|----------------------------|---------|------------|--------------------|---------|------------|
| Part Number                | GL Size | Price Each | Part Number        | GL Size | Price Each |
| CGB-195-01                 | 14      | .90        | CGB-196-01         | 14      | 1.20       |
| CGB-195-02                 | 18      | .95        | CGB-196-02         | 18      | 1.30       |
| CGB-195-03                 | 25      | 1.10       | CGB-196-03         | 25      | 1.50       |
| CGB-195-04                 | 32      | 1.20       | CGB-196-04         | 32      | 2.25       |
| CGB-195-05                 | 45      | 2.10       | CGB-196-05         | 45      | 3.50       |



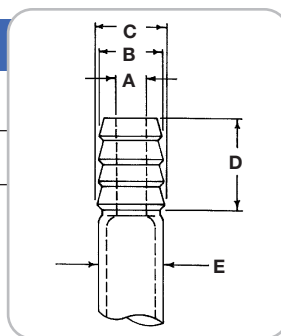
### CGB-201 FRITTED FILTER DISC

| Part Number | Disc O.D. mm | Porosity | Price Each |
|-------------|--------------|----------|------------|
| CGB-201-01  | 10           | F        | 3.90       |
| CGB-201-02  | 10           | M        | 3.50       |
| CGB-201-03  | 10           | C        | 3.50       |
| CGB-201-04  | 10           | XC       | 3.50       |
| CGB-201-05  | 12           | F        | 4.15       |
| CGB-201-06  | 12           | M        | 3.50       |
| CGB-201-07  | 12           | C        | 3.50       |
| CGB-201-08  | 12           | XC       | 3.50       |
| CGB-201-09  | 15           | F        | 4.15       |
| CGB-201-10  | 15           | M        | 4.00       |
| CGB-201-11  | 15           | C        | 4.00       |
| CGB-201-12  | 15           | XC       | 4.00       |
| CGB-201-13  | 20           | F        | 5.05       |
| CGB-201-14  | 20           | M        | 4.50       |
| CGB-201-15  | 20           | C        | 4.50       |
| CGB-201-16  | 20           | XC       | 4.50       |
| CGB-201-17  | 25           | F        | 6.05       |
| CGB-201-18  | 25           | M        | 5.20       |
| CGB-201-19  | 25           | C        | 4.50       |
| CGB-201-20  | 25           | XC       | 5.20       |
| CGB-201-21  | 30           | F        | 7.00       |
| CGB-201-22  | 30           | M        | 5.50       |
| CGB-201-23  | 30           | C        | 5.50       |
| CGB-201-24  | 30           | XC       | 5.50       |
| CGB-201-25  | 35           | F        | 7.20       |
| CGB-201-26  | 35           | M        | 6.60       |
| CGB-201-27  | 35           | C        | 6.65       |
| CGB-201-28  | 35           | XC       | 6.65       |
| CGB-201-29  | 40           | F        | 9.00       |
| CGB-201-30  | 40           | M        | 8.00       |
| CGB-201-31  | 40           | C        | 8.30       |
| CGB-201-32  | 40           | XC       | 8.30       |



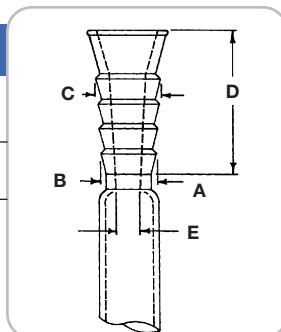
### CGB-300 GLASSBLOWERS HOSE CONNECTIONS

| Dimensions (mm) |              |     |      |     |     |     |                  |
|-----------------|--------------|-----|------|-----|-----|-----|------------------|
| Part Number     | No. of Rings | "A" | "B"  | "C" | "D" | "E" | Price/<br>Pk. 10 |
| CGB-300-01      | 3            | 3.0 | 8.0  | 9   | 16  | 8   | 9.50             |
| CGB-300-02      | 4            | 5.0 | 10.0 | 11  | 20  | 10  | 10.00            |



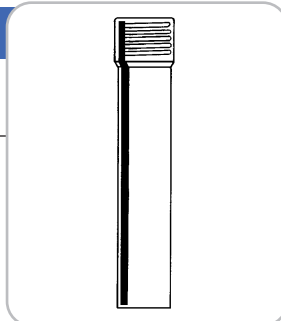
### CGB-301 GLASSBLOWERS HOSE CONNECTION, DIRECT SEALING

| Dimensions (mm) |              |     |      |     |     |     |                  |
|-----------------|--------------|-----|------|-----|-----|-----|------------------|
| Part Number     | No. of Rings | "A" | "B"  | "C" | "D" | "E" | Price/<br>Pk. 10 |
| CGB-301-01      | 3            | 4.0 | 8.0  | 10  | 18  | 10  | 11.00            |
| CGB-301-02      | 4            | 5.0 | 12.0 | 14  | 24  | 12  | 18.00            |



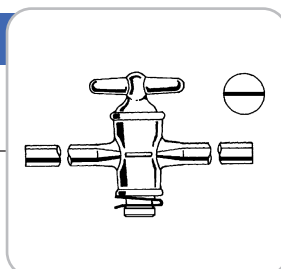
### CGB-360 INTERNAL THREAD, GLASS PORTION ONLY

| Part Number | Size | Tube O.D. mm | Accepts Tubing O.D. | Price Each |
|-------------|------|--------------|---------------------|------------|
| CGB-360-01  | #7   | 12.7         | 6-7mm               | 4.40       |
| CGB-360-02  | #11  | 16           | 9-10.5mm            | 5.50       |
| CGB-360-03  | #15  | 22           | 12.5-14mm           | 6.10       |
| CGB-360-05  | #25  | 32           | 24-25mm             | 7.35       |
| CGB-360-06  | #50  | 57           | 47-48mm             | 19.20      |



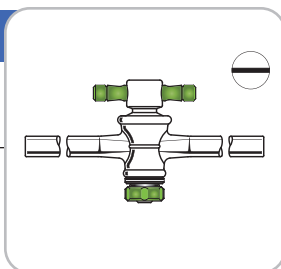
### CGB-400 STOPCOCK, STRAIGHT BORE, GLASS PLUG

| Part Number | Bore mm | Plug Size | Sidearm O.D. mm | Clip Size | Price Each |
|-------------|---------|-----------|-----------------|-----------|------------|
| CGB-400-02  | 2       | 12/30     | 8               | #1        | 16.50      |
| CGB-400-04  | 4       | 17/40     | 10              | #4        | 18.75      |



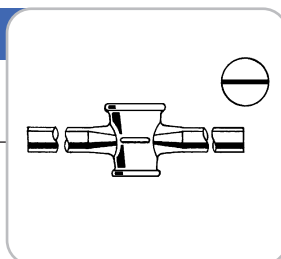
### CGB-424 STOPCOCK, STRAIGHT BORE TEFLON

| Part Number | Bore mm | Plug Size | Sidearm O.D. mm | Price Each |
|-------------|---------|-----------|-----------------|------------|
| CGB-424-03  | 2       | 11/25     | 8               | 16.00      |
| CGB-424-05  | 4       | 15.2/30   | 10              | 20.50      |
| CGB-424-07  | 6       | 16/35     | 12              | 24.00      |



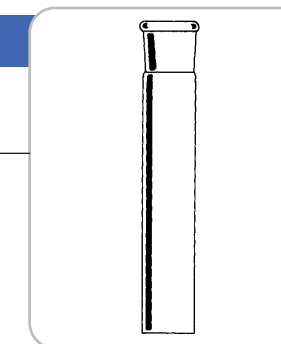
### CGB-426 STOPCOCK, GLASS SHELL ONLY, FOR TEFLON PLUG

| Part Number | Bore mm    | Plug Size | Sidearm O.D. mm | Price Each |
|-------------|------------|-----------|-----------------|------------|
| CGB-426-03  | 1, 1.5 & 2 | 11/25     | 8               | 12.50      |
| CGB-426-05  | 3 & 4      | 15.2/30   | 10              | 15.00      |
| CGB-426-07  | 5 & 6      | 16/35     | 12              | 19.50      |



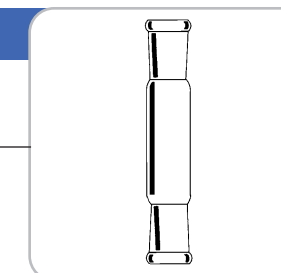
### CGB-105 GROUND JOINT, OUTER, MEDIUM LENGTH

| Part Number | Joint Size | Tubing<br>O.D. x Wall mm | Price Each |
|-------------|------------|--------------------------|------------|
| CGB-105-04  | 10/18      | 14 x 1.2                 | 3.26       |
| CGB-105-06  | 14/20      | 19 x 1.8                 | 3.40       |
| CGB-105-07  | 19/22      | 22 x 1.8                 | 3.70       |



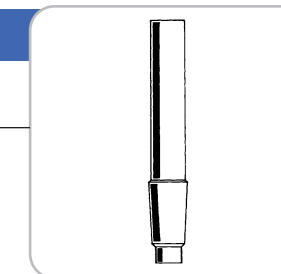
### CGB-106 DBL, DOUBLE ENDED JOINTS

| Part Number    | Joint Size | Tubing<br>O.D. x Wall mm | Price Each |
|----------------|------------|--------------------------|------------|
| CGB-106-01 DBL | 24/40      | 28 x 2.0                 | 5.25       |
| CGB-106-02 DBL | 24/40      | 32 x 2.4                 | 5.90       |



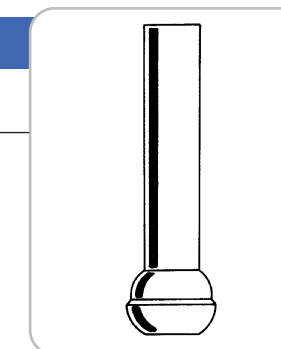
### CGB-117 GROUND JOINT, INNER, WITH DRIP TIP, UN CUT

| Part Number | Joint Size | Price Each |
|-------------|------------|------------|
| CGB-117-01  | 14/20      | 4.00       |
| CGB-117-03  | 19/22      | 4.25       |
| CGB-117-13  | 24/40      | 5.50       |
| CGB-117-19  | 45/50      | 12.00      |



### CGB-120 SPHERICAL JOINT, BALL MEMBER

| Part Number | Joint Size | Clamp Size | Tube O.D. mm | Price Each |
|-------------|------------|------------|--------------|------------|
| CBG-120-04  | 12/5       | 12         | 8.0          | 4.30       |
| CGB-120-06  | 18/9       | 18         | 13.0         | 4.40       |
| CGB-120-08  | 28/15      | 28         | 19.0         | 4.50       |
| CGB-120-09  | 35/20      | 35         | 22.0         | 7.20       |
| CGB-120-10  | 35/25      | 35         | 28.0         | 5.80       |



### CGB-121 SPHERICAL JOINT, SOCKET MEMBER

| Part Number | Joint Size | Clamp Size | Tube O.D. mm | Price Each |
|-------------|------------|------------|--------------|------------|
| CBG-121-04  | 12/5       | 12         | 8.0          | 4.05       |
| CGB-121-06  | 18/9       | 18         | 13.0         | 4.10       |
| CGB-121-08  | 28/15      | 28         | 19.0         | 5.00       |
| CGB-121-09  | 35/20      | 35         | 22.0         | 5.75       |
| CGB-121-10  | 35/25      | 35         | 28.0         | 5.75       |

