

Morris Coupling offers glass bends for applications requiring extended wear life beyond that experienced with standard stainless steel bends. Ideal for transmitting highly abrasive plastic pellets and similar abrasive materials. Morris supplied glass bends are designed to match the inside diameter of 16 Ga. tubing eliminating the step that exists with metric dimensioned products. Bends are available in 90° and 45° with a radius of either 9 or 18 inches. Morris also provides couplings with stepped gaskets to connect bends to tubing. Glass bends are stocked in our Knoxville facility.



Glass Bend Information

| Part Number | Tubing Size Inches | Inside diameter Inches | Angle Degrees | Center Line Radius Inches | Outside Diameter Inches | Nominal Wall Thickness Inches | Tangent Length Inches | Weight LB. |
|-------------|--------------------|------------------------|---------------|---------------------------|-------------------------|-------------------------------|-----------------------|------------|
| GL2266409 | 2" | 1.87 | 90° | 9 | 2.26 | .197 | 4 | 2.26 |
| GL2266209 | " | " | 45° | 9 | 2.26 | .197 | 4 | 1.54 |
| GL2266418 | " | " | 90° | 18 | 2.26 | .197 | 4 | 3.72 |
| GL2266218 | " | " | 45° | 18 | 2.26 | .197 | 4 | 2.26 |
| GL2766409 | 2½" | 2.37 | 90° | 9 | 2.76 | .197 | 5 | 3.08 |
| GL2766209 | " | " | 45° | 9 | 2.76 | .197 | 5 | 2.18 |
| GL2766418 | " | " | 90° | 18 | 2.76 | .197 | 5 | 4.88 |
| GL2766218 | " | " | 45° | 18 | 2.76 | .197 | 5 | 3.08 |
| GL3266409 | 3" | 2.87 | 90° | 9 | 3.26 | .197 | 6 | 3.98 |
| GL3266209 | " | " | 45° | 9 | 3.26 | .197 | 6 | 2.90 |
| GL3266418 | " | " | 90° | 18 | 3.26 | .197 | 6 | 6.14 |
| GL3264218 | " | " | 45° | 18 | 3.26 | .197 | 6 | 3.98 |

All bends incorporate a grounding strip.

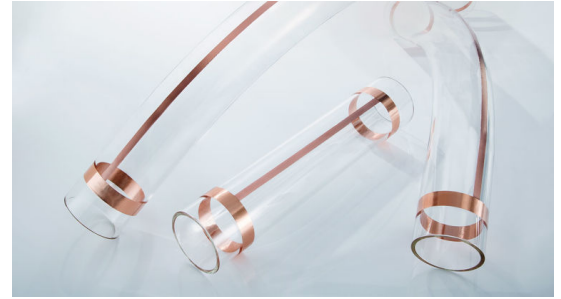
Morris provides stepped couplings to accommodate the outside diameter difference between the glass bend and tubing.

In addition to glass bends, Morris also offers a complete line of wear resistant bends including ceramic lined, ceramic backed and various wear back options.

Straight Sections of Glass

In addition to bends and couplings Morris offer 3 foot long straight sections of glass tubing. These short sections combined with the bends provide additional wear resistance as abrasive materials exit the bend. Straight sections of glass are stocked in our Knoxville facility. These are available in 2", 2½" and 3". Refer to the chart below for part numbers and dimensional information.

| Part Number | Tubing Size Inches | Inside diameter Inches | Outside Diameter Inches | Nominal Wall Thickness Inches |
|-------------|--------------------|------------------------|-------------------------|-------------------------------|
| GL2266-03 | 2" | 1.87 | 2.26 | .197 |
| GL2766-03 | 2½" | 2.37 | 2.76 | .197 |
| GL3266-03 | 3" | 2.87 | 3.26 | .197 |



Couplings for Glass Bends

| Glass Bend to Tubing | | | Glass to Glass | | |
|----------------------|--------------------|-----------------|----------------|--------------------|--------------|
| Part Number | Tubing Size Inches | Description | Part Number | Tubing Size Inches | Description |
| 2302263B20200GL | 2" | 2.26X2-3C-ODGL | 0102263B2GL | 2" | 2.26-3C-ODGL |
| 2302763B20250GL | 2½" | 2.76X2.5-3-ODGL | 0102763B2GL | 2½" | 2.76-3C-ODGL |
| 2303263B20300GL | 3" | 3.26X3-3C-ODGL | 0103263B2GL | 3" | 3.26-3C-ODGL |

The couplings described above are 3 bolt with black gaskets. Other gaskets are available upon request. Please contact the sales department in Erie if other gasket materials are required.

