



## Quoting

PFG Glass does not assume any responsibility for code compliance and is not responsible for confirming that the finished system used will be compliant with energy requirements and/or that performance or design requirements have been achieved. PFG Glass does not warrant thermal stress. It is the responsibility of the Architect and/or Glazing Contractor to determine the suitability of the product specified for a particular use.

PFG Glass only warrants that Argon filled units will have an initial fill of 90%, variation in fill or depletion are unavoidable and therefore PFG Glass does not provide any warranty or guarantee on argon content or effectiveness outside of this.

All quotes are valid for 60 days. A booking order is required within the 60 days to secure pricing for the quoted performance date. Projects performing after the quoted date will be subject to increase.

**\*\*\* Booking order required to hold pricing for dates shown on quote\*\*\***  
**\*\*\*Glass is subject to availability at time of order\*\*\***  
**\*\*Quotes are subject to any and all general glass increases\*\***

Applicable taxes and energy surcharges will be applied at time of order

Quotes are for the purpose of reviewing the overall square footage, sizes/quantities, fabrication work etc. for an associated project. The total dollar value of quotes is not deemed to be an accurate total for the purpose of invoicing. All totals should be reviewed upon receipt.

All pricing is calculated by rounding sizes up to the next even inch.

Please note quote numbers on all purchase order to ensure correct pricing. Credits will not be issued for orders that did not have the quote number referenced.

Sealed units greater than 40 sf are subject to a 15% oversize charge.  
Sealed units greater than 50 sf are subject to a 25% oversize charge.  
Sealed units greater than 60 sf are subject to a 40% oversize charge.  
Sealed units greater than 70 sf are subject to a 50% oversize charge.

Minimum Charge per monolithic lite: 2 sq. ft., rounded to the next even inch.  
Minimum Charge per insulated unit: 4 sq. ft., rounded to the next even inch.  
Minimum charge per laminated lite: 4 sq. ft., rounded to the next even inch.  
Minimum invoice charge of \$50.00 will apply.

All quoted prices are based on the information you have provided us at the time of quoting. Any changes that affect lead times, cutting yields, project performance dates, project volumes etc. may require a price adjustment.



## Quoting

Sealed units greater than 42 square feet require tempering.

The maximum unit size is 94" x 137"

Glass greater than 120 inches in length that requires polishing or fabrication needs previous approval.

All spandrel jobs are subject to set-up charges per release, per colour.

Standard colours include: Black 1-818, Harmony Grey 3-820, Warm Grey 3-0770, Medium Grey 3-0586 and White 0-1060.

**Note:** Spandrel Glass cannot be used in a vision area. Every coating of spandrel will have some amount of acceptable pinholes and blemishes that will be seen when placed with a light source behind it. If used in a vision area, PFG Glass will not warranty consistency of coating.

If fall out protection is required on OpaciCoat it must be specified at the time of quoting and on each subsequent purchase order.

Any product that is shaped is subject to the appropriate shape, template or digitizing charges. Final shape and fabrication charges will be determined upon receipt of details supplied at time of order.

Arrissed edges are for production and tempering purposes only and are not a guaranteed finished edge.

Local site deliveries, within our delivery routes, must be a minimum of 250 square feet of product or a minimum delivery charge of \$75.00 will apply. Out of town delivery costs and/or deliveries outside of our standard routes will be determined at time of order.

Crating costs/requirements are estimated only and will be subject to change upon receipt of order.

Dollies, racks and harps remain the property of PFG Glass and must be returned within two (2) weeks. Failure to do so will result in penalties that may include delayed future deliveries and/or financial repercussion.

All units are produced with hotmelt as standard fill. If silicone edge seal is required, it must be noted on your quote requests and purchase orders. Additional charges may apply.

**\*\*All products will be manufactured in accordance with our SGCC/IGCC certifications\*\***

Residential jobs follow the same inspection criteria as commercial jobs. All inspection Criteria will be to ASTM C1036, 1048, 1376 and CAN/CGSB-12.1-2017 standard inspection guidelines.

Note: all tempered glass will adhere to the ASTM tempered and roller wave guidelines. No warranty will be provided for roller wave, distortion, bow/warp or edge kink.

Note: distortion in tempered glass may be amplified with 3mm/3mm tempered laminate. Where possible annealed or heat strengthened glass and/or thicker glass is recommended to minimize potential distortion. Distortion is not a warrantable defect.



## **Terms and Conditions**

**Maximum sheet size: 96" x 144"**

**Minimum Sealed unit: 9" x 14"      Maximum Sealed unit: 94" x 137"**

**Minimum Tempered size: 10" x 12"      maximum Tempered size: 94" x 142"**

For guidance regarding size/thickness capability please contact PFG Glass.

Minimum Charge per monolithic lite: 2 sq. ft., rounded to the next even inch.

Minimum Charge per insulated unit: 4 sq. ft., rounded to the next even inch.

Minimum charge per laminated lite: 4 sq. ft., rounded to the next even inch.

Minimum invoice charge of \$50.00 will apply.

There is a surcharge of 15% for all lites over 40 sq. ft., 25% for all lites over 50 sq. ft., 40% for all lites over 60 sq. ft., and 50% for all lites over 70 sq. ft.

Please submit project work for quotation; quotes are valid for 60 days and require a booking order.

Please ensure that the quote (work order) number is listed on all purchase orders to ensure correct pricing.

Credits will not be issued for orders that did not have the quote number referenced.

COG: PFG Glass is not responsible for customer's own glass at any time during loading, transportation, unloading, storage or tempering.

All claims for damaged or defective product must be made within 48 hours of receipt.

PFG Glass assumes no responsibility for breakage of any kind after the customer received the glass.

PFG Glass uses a logo on all tempered or heat-treated, laminated and insulated glass. If you do not require a logo, please advise on each order you place. (PFG Glass does not assume any responsibility for code compliance on glass that has been ordered without a logo.)

PFG Glass does not assume any responsibility for code compliance and is not responsible for confirming that the finished system used will be compliant with energy requirements and/or that performance or design requirements have been achieved. PFG Glass does not warrant thermal stress. It is the responsibility of the Architect and/or Glazing Contractor to determine the suitability of the product specified for a particular use.

PFG Glass only warrants that Argon filled units will have an initial fill of 90%, variation in fill or depletion are unavoidable and therefore PFG Glass does not provide any warranty or guarantee on argon content or effectiveness outside of this.

Unless otherwise specified, all measurements are assumed width x height (ex: 20" x 80" is 20 wide and 80 high). All pricing is calculated by rounding sizes up to the next even inch.

Standard shape catalogues are available. If measurements are not supplied as per catalogue, additional charges may apply. When ordering rake shapes, always list: base x left x right x top. PFG Glass assumes, without exception, glass is ordered from the outside looking in.

Fabrication may require an internal radius (including all inside cuts).

All products are subject to availability. All pricing subject to change without notice.



## Terms and Conditions

PFG Glass is not responsible for spontaneous breakage. Tempered glass is subject to rare spontaneous breakage: the most common causes are:

- Minor damage during installation, such as nicked or chipped edges
- Binding of the glass in the frame, causing stress to develop in the glass
- Internal defects within the glass, such as nickel sulfide inclusions
  - Thermal stress in the glass
- Inadequate glass thickness to resist wind load

Applicable taxes and energy surcharges will be applied to pricing at time of order.

Sealed units greater than 42 square feet require tempering.

All spandrel jobs are subject to set-up charges per release, per colour.

Standard colours include: Black 1-818, Harmony Grey 3-820, Warm Grey 3-0770, Medium Grey 3-0586 and White 0-1060.

**Note:** Spandrel Glass cannot be used in a vision area. Every coating of spandrel will have some amount of acceptable pinholes and blemishes that will be seen when placed with a light source behind it. If used in a vision area, PFG Glass will not warranty consistency of coating.

If fall out protection is required on OpaciCoat it must be specified at the time of quoting and on each subsequent purchase order.

Residential projects follow the same inspection criteria as commercial jobs, all inspection criteria will be to ASTM C1036, 1042, 1376 & CAN/CGSB-12.1-2017 standard inspection guidelines.

GPW is not safety impact rated. Customer agrees to release PFG Glass Industries from any and all liability that may arise from the use of GPW.

### Maximum Size for Sealed Units and Monolithic

Glass Thickness		Annealed	Tempered
3mm	1/8"	18 sq.ft.	20 sq.ft.
4mm	5/32"	24 sq.ft.	26 sq.ft.
5mm	3/16"	32 sq.ft.	40 sq.ft.
6mm	1/4"	42 sq.ft.	70 sq.ft.

### Monolithic Cut Size Tolerance

Glass Thickness	Clean Cut	Edgework
3mm - 6mm	+/- 1/16"	+/- 1/16"
1/8" - 1/4"		
8mm - 10mm	+/- 1/8"	+/- 1/8"
5/16" - 3/8"		
12mm	+/- 1/8"	+/- 1/8"
1/2"		
15mm	+/- 3/16"	+/- 3/16"
5/8"		
19mm	+/- 3/16"	+/- 3/16"
3/4"		

Available Drill Bits*	
4.7	3/16
6.35	1/4
7.94	5/16
9.5	3/8
12.8	1/2
14.3	9/16
16.3	5/8
19.5	3/4
20.6	13/16
22.2	7/8
25.3	1

\*Holes > 7/8 can be milled



## **Terms and Conditions**

### **Fabrication Guidelines**

Glass must be greater than 4" to be fabricated.

Glass must be 4mm or thicker to be fabricated.

Glass fabrication will require one or more edges to be polished for machining purposes.

Unless otherwise notified, all fabrication dimensions are assumed to be measured from the edge of glass to centre. Glass greater than 120 inches in length that requires polishing or fabrication needs previous approval.

### **Hole & Notch Tolerances**

From hole centre to specified edge +/- 1/16"

From hole centre to hole centre +/- 1/16"

Chips and flakes at hole edges will not exceed 1/4"

Notch dimensions for glass 6mm and under +/- 1/16"

Notch dimensions for 10mm to 12mm +/- 1/8"

For notch dimensions on a finished edge, chips and flakes will not exceed 1/4"

Notches and cutouts must have a fillet; the radius must be at least the glass thickness.

### **Fabrication Limitations**

The minimum distance from the edge of glass to the edge of holes must be 1.5X the thickness of the glass for 4mm-6mm and 2X for 8mm-19mm.

Fabrication will require an internal radius (including all inside cuts).

Radius  $\geq$  Thickness of Glass or 6mm (1/4"), whichever is greater

### **Edgework**

Edges less than 6" cannot be warrantied

Edges less than 4" cannot be polished.

Mitres are available between 15-45 degrees.



## **Terms and Conditions**

### **Inspection**

Tempered and heat strengthened glass is inspected in accordance with ASTM standard. Residential projects follow the same inspection criteria as commercial jobs, all inspection criteria will be to ASTM C1036, 1042, 1376 & CAN/CGSB-12.1-2017 standard inspection guidelines.

### **Laminate**

Any use of cement-based grouts will void warranty as they are not compatible with laminated glass.