

# LIMITATIONS

## Maximum

Product	Weight	Width	Length	Thickness			
IG	325 lbs	96"	144"	2 1/2" OA	1 dimension must be less than 72"		
Custom Lamination	150 lbs	60"	110"	1"			
SuperSpacer	150 Lbs	45"	76"	1"			
Template		56"	80"				
Tempered	200 lbs	96"	144"	3/4"	1 dimension must be less than 72"		
Sq. Ft. maximum by Thickness for Temp	1/8"	5/32"	3/16"	1/4"	3/8"	1/2"	3/4"
	20	25	40	50	50	39	25

## Air Space Minimums

Glass Thickness	Min AIRSPACE 3/16"	Min AIRSPACE 1/4"	Min AIRSPACE 5/16"	Min AIRSPACE 3/8"	Min AIRSPACE 1/2 - 3/4"	Glass Weight	
1/8"	7/16" OA 0-17 Sq Ft	1/2" OA 18-19 Sq Ft	9/16" OA 20 Sq Ft	5/8" OA 20 Sq Ft	11/16" OA 20 Sq Ft	1/8"	1.61
5/32"	1/2" OA 0-17 Sq Ft	9/16" OA 18-24 Sq Ft	5/8" OA 25 Sq Ft	11/16" OA 25 Sq Ft	3/4" OA 25 Sq Ft	5/32"	2.03
3/16"	9/16" OA 0-19 Sq Ft	5/8" OA 20-29 Sq Ft	11/16" OA 30-36 Sq Ft	3/4" OA 36-39 Sq Ft	13/16" OA 40 Sq Ft	3/16"	2.45
1/4"	11/16" OA 0-19 Sq Ft	3/4" OA 20 - 34 Sq Ft	13/16" OA 35-44 Sq Ft	7/8" OA 45-49 Sq Ft	15/16" + OA 50-60 Sq Ft	7/32"	2.81
						1/4"	2.99
						3/8"	4.91
						1/2"	6.46
						3/4"	9.69

## Edgework

THICKNESS	LIMITATIONS	STRAIGHT EDGES			SHAPES	
		Flat Grind/Polish	Pencil Grind/Polish	Miter 22.5° or 45°	Flat Grind/Polish	Pencil Grind/Polish
3/16"	Min	4"	8"	4"	14" x 14"	14" x 14"
	Max	140"	140"	140"	72" x 140"	72" x 140"
1/4"	Min	4"	8"	4"	14" x 14"	14" x 14"
	Max	140"	140"	140"	72" x 140"	72" x 140"
3/8"	Min	4"	8"	4"	14" x 14"	14" x 14"
	Max	140"	140"	140"	72" x 140"	72" x 140"
1/2"	Min	6"	8"	6"	14" x 14"	14" x 14"
	Max	140"	140"	140"	72" x 140"	72" x 140"
3/4"	Min	Quote	Quote	Quote	Quote	Quote
	Max	Quote	Quote	Quote	Quote	Quote

## Tempered Fabrication Guidelines

Minimum requirement for HOLES & RADIUS on tempered products (ASTM C1048 - 04)

Glass Thickness		Hole		Rim of hole to edge of		Rim of hole to rim of adjacent hole		Inside radius		Rim of hole to corner	
Inches	Millimetres	Equal to glass thickness		2 x glass thickness		2 x glass thickness		Equal to glass thickness		6.5 x glass thickness	
1/8"	3 mm	1/8"	3 mm	1/4"	6 mm	3/8"	10 mm	3/16"	5 mm	13/16"	21 mm
5/32"	4 mm	5/32"	4 mm	5/16"	8 mm	3/8"	10 mm	3/16"	5 mm	1"	25 mm
3/16"	5 mm	3/16"	5 mm	3/8"	10 mm	3/8"	10 mm	3/16"	5 mm	1 1/4"	31 mm
1/4"	6 mm	1/4"	6 mm	1/2"	12 mm	1/2"	12 mm	1/4"	6 mm	1 5/8"	41 mm
5/16"	8 mm	5/16"	8 mm	5/8"	16 mm	5/8"	16 mm	5/16"	8 mm	2 1/16"	52 mm
3/8"	10 mm	3/8"	10 mm	3/4"	19 mm	3/4"	19 mm	3/8"	10 mm	2 7/16"	62 mm
1/2"	12 mm	1/2"	12 mm	1	25 mm	1	25 mm	1/2"	12 mm	3 1/4"	83 mm
5/8"	15 mm	5/8"	15 mm	1 1/4"	31 mm	1 1/4"	31 mm	5/8"	15 mm	4 1/16"	103 mm
3/4"	19 mm	3/4"	19 mm	1 1/2"	38 mm	1 1/2"	38 mm	3/4"	19 mm	4 7/8"	124 mm