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Insulating Glass Size Limits

Glass Thickness (mm)	Minimum Short Glass Dimension for Argon Filled Unit (in.)	ANNEALED GLASS		HEAT TREATED GLASS		
		Maximum Long Dimension (in.)	Maximum Area (ft ²)	Maximum Short Dimension (in.)	Maximum Long Dimension (in.)	Maximum Area (ft ²)
2.2 (3/32")	10	70	10	36	70	15.000
3.0/3.1 (1/8")	12	81	17.999	36	81	20.999
3.9 (5/32")	14	91	27.999	48	91	30.999
4.7 (3/16")	18	100	35.999	60	100	40.999
5.7 (1/4")	24	120	50.999	72	143	71.500
8.0 (5/16")	30	N/A	N/A	83 1/2	140	8.0/8.0: 81.181 8.0/5.7/8.0: 62.707 8.0/8.0/8.0: 57.059

Notes:

1. Customers are responsible to determine the maximum windload per glass make-ups, DUXTON can provide assistance on a per request basis.
2. Size limits and maximum dimensions are applicable to 2-pane & 3-pane IG units, & monolithic annealed and tempered glass except for 8.0mm as noted.
3. The maximum short dimension limits for heat treated glass is to reduce the potential of bi-stable glass (oil canning and soft centered).
4. Size limits for glass type/thickness based on manufacturing capability, check for maximum sizes available for specific glass types (clear, LoE, tint, obscure, and etc.).
5. Maximum dimensions for laminated glass (PVB & SGP interlayers): Short dimension 82", long dimension 120".