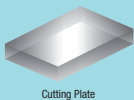


Square Glass Plates



■ Float Transparent Glass excels in smoothness and has little distortion. Heat Resistant Glass (TEMPAX Float®) excels in heat and impact resistance. Reinforced Glass has 3 to 5 times higher static strength compared to general glass with the same thickness.
■ Heat-resistant Crystallized Glass which has excellent heat resistant and strength is also available.

① ③
② ④

RoHS10

No.	Configurable Type	Fixed Dimension Type	Material	Heat-resistant Temperature Continuous Use	Max.
①	FGLKF	GLKF	Float Transparent Glass (Soda-lime glass)	100 deg.	380 deg.
②	FGLKH	GLKH	Heat-resistant Glass (TEMPAX Float®)	250 deg.	450 deg.
③	-	GLKK	Reinforced Glass	210 deg.	250 deg.
④	FGLKR	-	Heat-resistant Crystallized Glass (Nextrema®)	700 deg.	850 deg.

⚠ Heat resistant temperature will be largely varied depending on the operating condition. Values are not guaranteed.
⚠ Cannot be used for Class-1 pressure vessels, Class-2 pressure vessels, or equipment specifically for high pressure gas.

■ Standard Type
Dimension Standard / Configurable

⚠ A>B Circumference Chamfering C0.3 ~ 1.0

■ Pre-drilled Type

⚠ Keep a dimension of 5mm or more between hole end and glass end.

Hole Machining Details

Part Number		1mm IncrementmmUnit	
Type	T	A	B
FGLKF (Float Transparent Glass)	3	20~500	20~500
	5		
	8		
FGLKH (Heat-resistant Glass)	3.3		
	5		
	6.5		
	8		
FGLKR (Heat-resistant Crystallized Glass)	*10		
	3		
	5		

4-side Milled Type (A, B Dimension Tolerance ±0.2)					
Part Number			1mm IncrementmmUnit		
Type	Finish Selection	T	A	B	
FGLKF (Float Transparent Glass)	4F	3	20~500	20~500	
		5			
		8			
3.3					
FGLKH (Heat-resistant Glass)		5			
		6.5			
		8			
		*10			
FGLKR (Heat-resistant Crystallized Glass)		3			
		5			

⚠ * FGLKH (heat resistant glass) with the part number T10 has an actual size of 10.2.

■Pre-drilled Type								
Part Number			1mm IncrementmmUnit				Screw Nominal Dia. Selection	
Type	Number of Holes	T Selection	A	B	F	G	N (Through)	P (Countersink)
FGLKF (Float Transparent Glass)	2H 4H	3	30~500	30~500	13~450	13~450	5	3
		5						
3.3								
5								
3								
5								

■ Heat-resistant Glass (TEMPAX Float®): Borosilicate Glass with both surfaces finished flat and smooth by the Float method. Has high optical transparency and excels in optical quality such as the distortion free property.

■ Reinforced Glass Float transparent glass with reinforce treatment applied. MISUMI stocks limited sizes to provide them in short delivery time as it normally takes days to finish hardening treatment.

■ Heat-resistant Crystallized Glass (Nextrema®): Can be used in high temperature range and has excellent thermal shock resistance. In addition, has high bending stress. Can be specified freely.

Part Number		Unit Price	
Type	T	A 1mm Increment	B 1mm Increment
FGLKF (Float Transparent Glass)	3	20~100	-
		101~200	-
		201~300	-
		301~400	-
		401~500	-
	5	20~100	-
		101~200	-
		201~300	-
		301~400	-
		401~500	-
FGLKH (Heat-resistant Glass)	3.3	20~100	-
		101~200	-
		201~300	-
		301~400	-
		401~500	-
	5	20~100	-
		101~200	-
		201~300	-
		301~400	-
		401~500	-
FGLKR (Heat-resistant Crystallized Glass)	3	20~100	-
		101~200	-
		201~300	-
		301~400	-
		401~500	-
	5	20~100	-
		101~200	-
		201~300	-
		301~400	-
		401~500	-

Hole Machining Charge	
Type	N (Through Hole) P (Countersink)
2H	
4H	

⚠ Pre-drilled Type Price = Configurable Type Unit Price + Hole Machining Charge
(Ex.) Part Number - A - B - F - G - Screw Nominal >>>
FGLKF2H3 - 200 - 180 - F180 - G140 - N5
(Configurable Type Unit Price) + (Hole Machining Charge) = (Pre-drilled Type Unit Price)

Ordering Example
Part Number - A - B - F - G - Screw Nominal
GLKK5 - 200 - 200
FGLKH3.3 - 231 - 210
FGLKH2H5 - 200 - 150 - F100 - G75 - N5

Part Number		Unit Price	
Type	T	A	B
GLKF (Float Transparent Glass)	3	50	50
		100	50
		100	100
		150	100
		150	150
	5	200	150
		100	50
		100	100
		150	150
		150	150
GLKH (Heat-resistant Glass)	3.3	50	50
		100	50
		100	100
		150	100
		150	150
	5	200	200
		50	50
		100	50
		100	100
		150	100
GLKK (Reinforced Glass)	3	50	50
		100	50
		100	100
		150	100
		150	150
	5	200	200
		250	150
		250	250
		300	100
		300	250

Part Number		Unit Price	
Type	Finish Selection	A 1mm Increment	B 1mm Increment
FGLKF (Float Transparent Glass)	4F	20~50	-
		51~100	-
		101~150	-
		151~200	-
		201~250	-
		251~300	-
		301~350	-
		351~400	-
		20~50	-
		51~100	-
FGLKH (Heat-resistant Glass)	4F	101~150	-
		151~200	-
		201~250	-
		251~300	-
		301~350	-
		351~400	-
		20~50	-
		51~100	-
		101~150	-
		151~200	-

⚠ Price of 4-side Milled Type = Configurable Type Unit Price + Side Milling Charge
(Ex.) Part Number - A - B
FGLKR4F5 - 100 - 100
(Configurable Type Unit Price) + (Side Milling Charge) = (Side Milled Type Unit Price)