


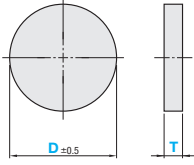
Round Glass Plates

■ Float Transparent Glass excels in smoothness and has little distortion. Heat Resistant Glass (TEMPAX Float) demonstrates excellent heat and impact resistance. Reinforced Glass has 3 to 5 times the static strength of general glass with the same thickness.
 ■ Heat-resistant Crystallized Glass which has excellent heat resistant and strength is also available. Can be specified in 200 ~ 1mm increment.



No.	Configurable Type	Fixed Dimension Type	Material	Heat-resistant Temperature	
				Continuous Use	Max.
①	FGLMF	GLMF	Float Transparent Glass (Soda-lime glass)	100 deg.	380 deg.
②	FGLMH	GLMH	Heat-resistant Glass (TEMPAX Float [®])	250 deg.	450 deg.
③	-	GLMK	Reinforced Glass	210 deg.	250 deg.
④	FGLMR	-	Heat-resistant Crystallized Glass (Nextrema [®])	700 deg.	850 deg.

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



T Tolerance

Type	T Dimension	Tolerance
GLMF GLMK FGLMR FGLMF	3, 5	±0.3
	8, 10	±0.6
	12, 15	±0.8
GLMH FGLMH	3.3, 5, 6.5	±0.2
	8, *10, 12.2	±0.3
	15	±0.4

Circumference Chamfering C0.3 ~ 1.0

Configurable Type

Part Number		D
Type	T	Selectable
FGLMF (Float Transparent Glass)	3	20~300
	5	
	8	
	10	
	12	
FGLMH (Heat-resistant Glass)	15	
	3.3	
	5	
	6.5	
	8	
	*10	
FGLMR (Heat-resistant Crystallized Glass)	12.2	
	15	
	3	
	5	

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



Ordering Example
 Part Number - D - T
 GLMH - 95 - 5
 Part Number - D
 FGLMF3 - 100

Configurable Type

Part Number		Unit Price					
		D 1mm Increment					
Type	T	20~50	51~100	101~150	151~200	201~250	251~300
FGLMF (Float Transparent Glass)	3						
	5						
	8						
	10						
	12						
FGLMH (Heat-resistant Glass)	15						
	3.3						
	5						
	6.5						
	8						
	*10						
FGLMR (Heat-resistant Crystallized Glass)	12.2						
	15						
	3						
	5						

Properties of Material P981

Fixed Dimension Type

Part Number		D
Type	T	Selectable
GLMF (Float Transparent Glass)	3	50, 65, 80, 95
	5	130
GLMH (Heat-resistant Glass)	3.3	50, 65, 80
	5	95, 110
	10	110, 130
GLMK (Reinforced Glass)	3	50, 65, 80
	5	80, 95, 110, 130
	8	110, 130, 160, 185

The D dimensions above conform to JIS Flange Standards B2290-1998: O-ring Groove.
 * Strength not guaranteed for the vacuum resistance.

Fixed Dimension Type

Part Number		D	Unit Price	
Type	T			
GLMF (Float Transparent Glass)	3	50		
		65		
		80		
	5	95		
		130		
GLMH (Heat-resistant Glass)	3.3	50		
		65		
		80		
	5	95		
		110		
		130		
GLMK (Reinforced Glass)	3	50		
		65		
		80		
	5	80		
		95		
		110		
		130		
		8	110	
			130	
160				
	185			