

2 7/8" (73 mm)

2 3/8" (60 mm)

4" (102mm)

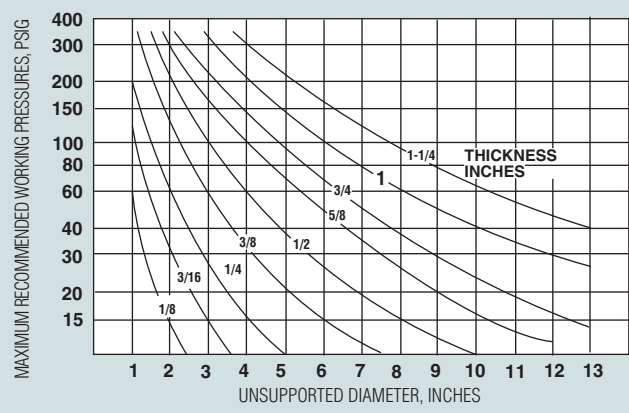
GLASS PRODUCTS

MAX LEVEL



COLD WORKING PRESSURES

Recommended for flat circular annealed borosilicate discs at ambient temperature with ground and chamfered edges.



For tempered borosilicate, multiply pressure by 3. For tempered soda lime, multiply pressure by 4. For Vycor® reduce pressure rating to approximately 75% of pressure computed.

GLASS CYLINDERS

Cylinders are cut from borosilicate heavy wall tubing. Cylinders are available in lengths to 48". Cylinders can be supplied with graduation marks to indicate volume, height, etc. Consult factory for pressure rating.

STANDARD SIZES (Inches)

DIAMETER	WALL THICKNESS	DIAMETER	WALL THICKNESS
1 1/2	5/32	3 1/2	3/16
1 3/4	5/32	4	1/4
2	3/16	4 1/2	1/4
2 1/4	3/16	5	1/4
2 1/2	3/16	5 1/2	1/4
2 3/4	3/16	6	1/4
3	3/16	6 1/2	1/4
3 1/4	3/16	7	3/8

FLAT PLATE GLASS

The Papailias Company maintains a large inventory of annealed and tempered circular glass discs of various diameters and thicknesses cut from borosilicate and soda lime plate materials. Discs can also be supplied in quartz or Vycor if needed. Rectangles and special shapes to a customer's specification are available. All flat glass shapes can be provided with drilled holes, edge beveling and polishing, silk screening, and many other enhancements to meet your requirements.

MATERIAL	STANDARD THICKNESSES										
	1/16	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	1	1 1/4
SODA LIME	●	●	●	●	●	●	●	●	●	●	●
BOROSILICATE	●	●	●	●		●	●	●	●	●	●
VYCOR		●	●	●	●	●					
QUARTZ	AS REQUIRED										

GLASS FOR ARMORED GAUGES

These glass lenses are designed for use in reflex or transparent style armored liquid level gauges. The maximum recommended working pressure indicated may exceed rating of armored liquid level gauge. Consult gauge manufacturer for actual rating.

TYPE	SIZE	LENGTH Inches	MAXIMUM RECOMMENDED WORKING PRESSURE		
			STEAM BOILER NO MICA PSIG	STEAM BOILER MICA PROTECTED PSIG	NONSTEAM SERVICE -150°F (101°C) TO 150°F (65°C) PSIG
PLAIN Width 1 5/16" (33 mm) Thickness 1 1/16" (17 mm) Flatness 0.005" (0.1 mm)	1	4 1/2	400	1000	2500
	2	5 1/2	400	1000	2500
	3	6 1/2	400	1000	2500
	4	7 1/2	400	1000	2500
	5	8 5/8	400	1000	2500
	6	9 7/8	400	1000	2500
	7	11	400	1000	2500
	8	12 5/8	400	1000	2500
	9	13 3/8	400	1000	2500
HIGH PRESSURE Width 1 5/16" (33 mm) Thickness 1 1/16" (17 mm) Flatness 0.005" (0.1 mm)	1	4 1/4	400	1500	5000
	2	5 1/2	400	1500	5000
	3	6 1/2	400	1500	5000
	4	7 1/2	400	1500	5000
	5	8 5/8	400	1500	5000
	6	9 7/8	400	1500	5000
	7	11	400	1500	5000
	8	12 5/8	400	1500	5000
	9	13 3/8	400	1500	5000
REFLEX Width 1 5/16" (33 mm) Thickness 1 1/16" (17 mm) Flatness 0.005" (0.1 mm)	1	4 1/4	400	MICA NOT USED WITH REFLEX GLASS	2500
	2	5 1/2	400		2500
	3	6 1/2	400		2500
	4	7 1/2	400		2500
	5	8 5/8	400		2500
	6	9 7/8	400		2500
	7	11	400		2500
	8	12 5/8	400		2500
	9	13 3/8	400		2500

GLASS