



GLASS SHELVES PERMISSIBLE LOADS

The permissible load for annealed glass shelves is based on two-sided support, maximum load less dead weight of glass, minimum published glass thickness from ASTM Specification C1036-90, modulus of rupture of 6,000 psi for annealed float glass and a design factor of 5. This results in a probability breakage of 8 in 1,000 when shelves are loaded to the design maximum permissible load for long duration's (e.g. weeks or months).

If using tempered glass you can multiply the load limit by 4.

Nominal Glass Thickness:	Distance Between Supports (feet)				
	1	2	3	4	5
3/16"	49	10	3	1	0
1/4"	73	16	5	2	0
3/8"	196	45	17	8	3
1/2"	345	81	33	15	7
3/4"	817	197	82	42	23

Approximate Permissible Load-LBS per Square Foot