



Glass Thickness

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by "James Purchase" <jpp/inforamp.net> (28 Jan 1997)

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A number of people have been asking about glass thickness for home-made tanks and several people suggested a graph which appeared in the book "The Living Aquarium", which is now out of print. This may not be legal, but here it is anyway (so sue me).

from "The Living Aquarium", Peter Hunnam (AB Nordbok 1981)

Glass Thickness as a function of length and depth (Metric Scale)

Length in cm -->

Depth	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190
90	d	d	d	e	e	e	e	e	e	f	f	f	f	f	f	f	f	f	f
80	c	d	d	d	d	e	e	e	e	e	e	e	e	f	f	f	f	f	f
70	c	c	d	d	d	d	d	e	e	e	e	e	e	e	e	e	e	e	e
60	c	c	c	d	d	d	d	d	d	e	e	e	e	e	e	e	e	e	e
50	b	c	c	c	c	d	d	d	d	d	d	d	d	e	e	e	e	e	e
40	b	b	c	c	c	c	c	d	d	d	d	d	d	d	d	d	d	d	d
30	a	b	b	b	c	c	c	c	c	c	d	d	d	d	d	d	d	d	d
20	a	a	b	b	b	b	b	c	c	c	c	c	c	c	c	c	c	c	c

10 a a a a b b b b b b b b b b c c c c

Key: Vertical Base

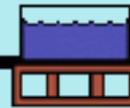
a	4 mm (1/6")	6 mm (1/4")
b	5 mm (1/5")	6 mm (1/4")
c	6 mm (1/4")	10 mm (2/5")
d	10 mm (2/5")	12 mm (1/2")
e	12 mm (1/2")	15 mm (3/5")
f	15 mm (3/5")	20 mm (4/5")

Note: The original illustration featured a graph, not a table. I am just providing "eyeball guesstimates" of where the curves fell on the original graph. When in doubt about which thickness glass to use, err on the heavier side (choose the next thicker glass thickness.)

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