

Substrate: How Much Do You Need?

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Determining how much [substrate](#) to buy for your new aquarium depends on the size and shape of your tank, as well as the depth of the substrate bed you wish to achieve. Other factors include the type of aquascaping structure you're planning, and the grain size of the manufacturer's substrate of choice.

While this may sound complicated, don't worry - you won't need to be an algebra whiz to get started!

The simplest rule of thumb to use is to plan 1 lb of substrate per gallon to achieve a 1" bed. Or 2 lbs per gallon for a 2" bed. Since aquariums come in a variety of shapes, tall or long, we recommend the following guide for your reference:



Aquarium Size* (gallons)	#s of Substrate	Aquarium Size	
10	10 - 20	15/20H	
20L/29/37	29 - 58	50/65	50 - 100
40L/55	55 - 110	75/90	75 - 150
120	120 - 240	125/150	125 - 250
180	180 - 360		

*Does not apply to bow, hex, or corner-shaped aquariums.

Many hobbyists will tell you it's always safer to get more substrate than you think you may need, because then you'll always have some on hand for future renovations or additional setups. Using this simple advice, we hope we've helped you get to the bottom of your substrate needs!