

1-Minute Vine Robot Parts List

Intro Version 6.4.18

In order to build a 1-Minute Vine Robot, you will need to gather the parts listed below.

We have provided links to places where you can potentially purchase the materials, but it is also possible to find the items elsewhere. In some cases, such as with the plastic roll, parts can only be purchased in bulk. In this parts list, we have only listed the price for the material required for one robot rather than the bulk purchased price (you can usually use local hardware stores to purchase individual parts).

The second page will provide a list of required tools for building the robot. Some of these tools are probably already available in your home, school, workspace. We have also suggested where to buy these online. However, you can find most of these at your local stores too.

Part	Description	Image	Quantity	Lead Time (~days)	Individual Cost (\$)	Source	Total Part Cost (\$)
Plastic Roll	3" Width (only need ~2-3ft)		1	3	0.03	Amazon	0.03
Clear Tubing	0.25" OD		~25 feet	2	0.22	McMaster Carr	5.5
Compressed Air Regulator	1/4" to 1/4"		1	2	5.1	McMaster Carr	5.1
Filament Tape			1	3	10.96	Amazon	10.96
Double Sided Tape, Clear			1	3	10.99	Amazon	10.99

1-Minute Vine Robot Tools List

Part	Description	Image	Quantity	Lead Time (~days)	Cost (\$)	Source
Plastic Bag Heat Sealer	8" Length		1	3	21.69	Amazon
Ruler			1	3	4.26	Amazon
Scissors	Pack of 2		1	3	2.14	Amazon