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Making New Tires For Your Robot , Omnibot 2000 In This Case

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First you need you tire specimen to copy. In this case i removed a reconditioned tire from my omnibot 2000. As long as the specimen is physically the shape you want you can use it. You may also use a 3d printer to print a hard...

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Step 1

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First you need you tire specimen to copy. In this case i removed a reconditioned tire from my omnibot 2000. As long as the specimen is physically the shape you want you can use it. You may also use a 3d printer to print a hard specimen from pla. This gives you the option to make custome tires.
There are two options , one is laying the tire flat by cutting it somewhere. Use hotglue to affix it to the bottom of your mold box. The mold box should be slightly bigger that your part.

im using alumilite silicon resin in this case. It is not the cheapest but it is a product that can cure in regular atmosphere without a oven.