



DIY Grip Building Kit

Quick Guide

Thank you for purchasing an R³ grip kit. With this kit you will be able to be the designer of your very own personalized grip, that fits perfectly to your hand!

Features

The kit contains a non-toxic, reusable and remoldable thermoplastic material and a base grip. You can use the thermoplastic material as many times as you want and experiment until you get it right. Unlike the usual plumber's putty method, there is no bad smell, no toxic fumes, and no need for files, rasps etc. The thermoplastic is food safe and non-toxic.

What is included in the box

The kit includes a base for your specific riser, two 30gram (1oz) packs of reusable thermoplastic and a unique coupon just for you, should you want to duplicate your design to an RCore custom grip.

It also includes 3 different grits of sandpaper to process your finalized grip should you choose to do so.

How to use

The process is very easy and does not require any special tools.

Step 1

Remove your current grip and put on the "blank" on your riser. Screw it normally as you would with any other grip. Don't tighten it up much as you will probably need to get it on and off your bow.

Step 2

Boil water and fill a cup with it. Put the contents of one of the packs in the cup.



You can use a spoon to stir the thermoplastic. As soon as it turns transparent, carefully pull the plastic out of the cup.



Be careful not to scald your hands. The plastic turns moldable at around 60 degrees Celsius.



Step 3

Stick the blob of transparent plastic on your base grip and start shaping it.

It should be hot but not extremely hot to the hand. If it feels uncomfortable to the touch, leave it for a while to cool down.



For better adhesion, pay extra attention to squeeze the water from under the plastic, so it adheres better to the base grip. Use your fingers to rub the thermoplastic to smooth it out.



If at any point, the plastic hardens, you can always pull the grip from your riser and dunk it in hot water.

Step 4

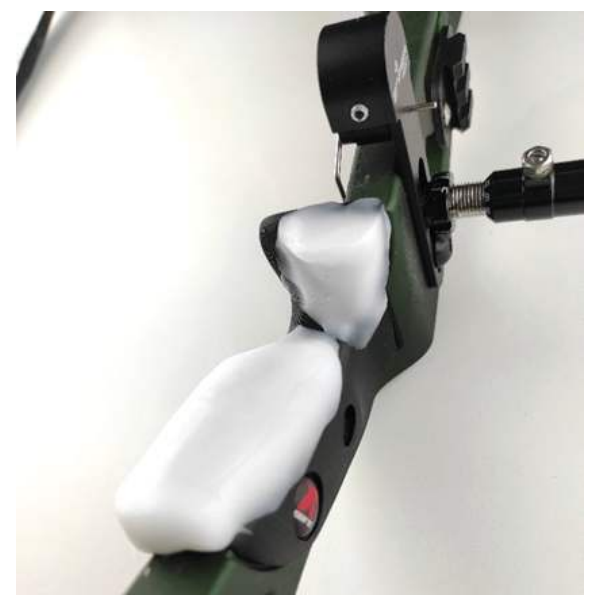
As soon as you are done shaping the grip, leave it to cool down.



If you want to shoot it immediately, take it off the riser and put it in the freezer.



It will take about 10 minutes to completely cool down to the core. At that point, it will be rock-solid and ready to shoot. You will know that the material is cured as it will be back to its opaque white color.





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Optional Step 5 (reshaping)

If you need to change the shape at any point, dunk the grip in a cup of hot water. Wait until the plastic turns transparent again and reshape it, like you did on step 3.



Notes

- The thermoplastic adheres well to itself and the base grip while hot. Please make sure it is hot enough when sticking it on top of another thermoplastic layer. You can also dunk the grip in hot water to soften the thermoplastic already on the grip to make the bonding more seamless.
- When applying the thermoplastic, push the edges to the grip and use some hot water on your fingers to rub smooth the outer layer.

How can I post-process my grip?

As soon as you are finished shaping the grip, you can sand, prime, and paint your grip as you would do with any other plastic material. Just remember, don't leave it in very hot places!

Can I have an exact grip like this, in another R-Core material?

Yes! Just send your grip in! You will receive an exact copy of your grip in one of the RCore materials. For this, use the provided unique coupon.

Small tips for big improvement of your grip!

- The more you keep the molded grip in hot water, the more material becomes soft. So, if you just want to finish the surface, keep it for just a while in hot water. If you want to completely reshape it, leave it in the water for more.
- Smooth the surface of the thermoplastic, by dunking it for just a while in hot water and then, with wet fingers, rub it. When your fingers are wet, they will not stick in the surface.
- Rough-up the surface with the low-grit sandpaper, included in the package. Warm the thermoplastic and then press the sandpaper on it. Or just sand it when it is dry and cold.
- Have little edges that are not stuck on the blank? Just take a lighter and carefully warm up the thermoplastic until it turns clear. With a wet finger, press it on the blank grip. Instant weld!
- You can paint the grip, but first, sand it with the 220-grit paper and prime it, like you would do on any other plastic item.
- You can pick up a single bead of thermoplastic with tweezers and either dunk it in hot water or quickly run it over a lighter. It will almost instantly turn clear and can be stuck on the grip. This is a quick and easy way to place "feelers" on the grip, or make a sear device on it!

*Let us know of your own grip-making tips
Send them at info@rcore.co !*

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