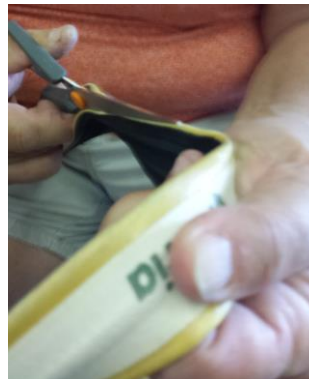
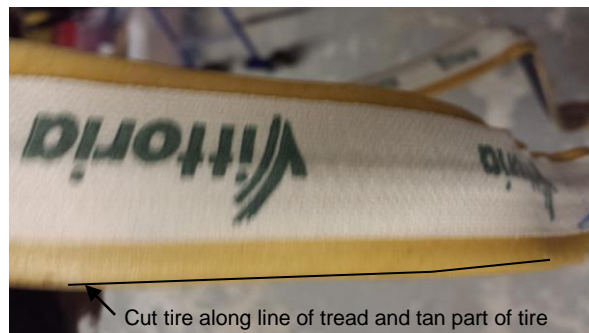


Tire Coating Racing Handdrims

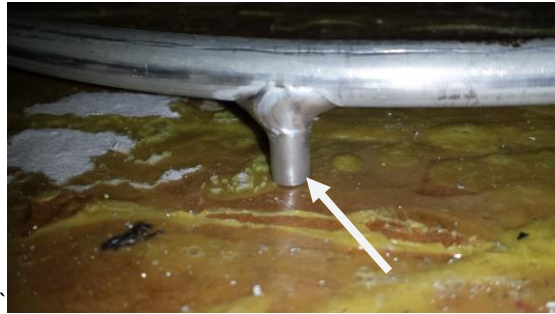
1. **Cutting the Tire:** The recommended tire is the Vittoria Rally 23"-28". When cutting the tire, start at the valve stem. Cut the tire in half about an inch or so from the valve stem. Once tire is cut in half, you will need to cut down the side of the tire towards the valve stem. Cut along the edge of the black tread on the tire. Cut about an inch or two past the valve stem. Then cut across the tire removing the valve stem. Once the valve stem is removed, you can remove the tube from the tire by holding one end of the tire and pulling tube from the other end. Once the tube is removed you can proceed with cutting the black tread from the tire along the edge of the black tread and tan part of the back of the tire. The length of tread you will need for you handrim will depend on the size of the handrims you are using. Take the tire and wrap it around your handrim so that you can determine the length you will need then mark and cut to length. Typically you will need a pair of tires for a set of handdrims. You can use two pieces of tire on a single handrim if you don't mind two seams. *See diagrams below*



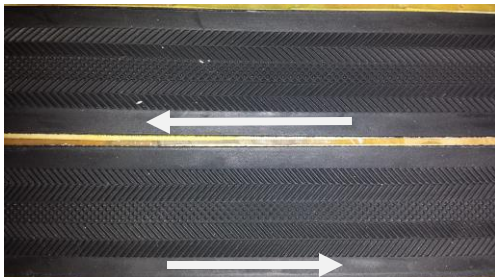
2. **Applying Contact Adhesive:** Recommended brand – Dap Weldwood Contact Adhesive (Can be found at Home Depot). Start by laying the tires tread down on a piece of cardboard with the white side of tire showing. Using a brush or sponge, apply a generous coat of adhesive to the tire. Wait 10 to 15 minutes and apply a second coat. *See diagrams below*



3. **Coating the Handrims:** You must start with the handrim pegs pointing upwards and the front of the handrim laying on a piece of cardboard on the table so that when you flip them to coat the other side they won't stick to table. With a brush or sponge, apply a generous coat of adhesive to the backside of the handrim trying not to get glue in the holes where the screws go. Wait 10 to 15 minutes and apply a second coat. Once the back side of the handrim has two coats flip handrim over so that the pegs are on the cardboard and the front of the hand rim is up. Proceed with coating this side of handrim. Apply a generous coat of adhesive to the front side of the handrim. Wait 10 to 15 minutes and apply a second coat. *See diagrams below*



4. **Applying the Tires to the Handrims:** Wait two to three hours to give the contact adhesive time to cure. Start with the front of the handrim up and the pegs down when applying the tire. You will need to use both hands and constant pressure while centering the tire on the handrim and pushing the tire around the side of the handrim. Rotate handrim as you apply the tire to the handrim. To start the second handrim, notice that there is a direction on the tread. While looking at the handrim you just completed, orientate the tread on the second handrim so the tread is going in the opposite direction so that you will have a left and right handrim when completed. Apply tire to second handrim as directed above. When done applying the tires to the handrims, you must apply 3M Cloth friction tape to the seams of the tire about a 1/2 to 3/4 of an inch on each side of the seam. *See diagrams below*



5. **Taping Handrims:** Once friction tape is applied to the seam, you can then use electrical tape to wrap around the whole handrim and tire. This is used as a clamp to adhere the tire to the handrim. Wait 24 hours then carefully remove the electrical tape at a 45 degree angle so that you do not pull tire from handrim or pull off friction tape from the seam or seams.

