



Heat Molding

Before getting started give your boot a custom fit

How & Why Heat Mold?

All Luigino composite boots are easily molded for increased comfort and performance. We have specifically designed our standard shoes to fit tight in the heel and tendon area since it's much easier to make a shell expand than contract. However, our molding system does allow you to improve the fit of a narrow foot, heel cup and tendon area. Some boots become more pliable than others depending on resins, thermal sheets and different composite lay-ups.

Please follow the step-by-step heat molding instructions below carefully to ensure optimum results and avoid damage:

1. Remove wheels and bearings leaving the frames attached to the boot. The frame stabilizes the boot while your foot is inside along with making certain the boot is resting in the correct position during the molding process.
 - A) FRAME MUST BE SNUG NOT TIGHT Frame should not move by shaking the boot but should be able to move when you push on it with your hand from side to side.
2. Center oven racks, placing boot and frame in the oven to confirm the boot doesn't make contact with heating elements or other parts of the oven.
3. Preheat oven 175 - 200 degrees
Important: don't increase the temperature setting attempting to rush the process. Slow and thorough will give you the best results. All our materials have been tested for heat molding per our instructions. Absolutely no warranty against damaged boots during the heat molding process.
4. Heat and mold one boot at a time.
 - A) Before putting your boot in the oven be sure to loosen the laces enough to easily slide your foot in the boot.
5. After the oven is preheated carefully place your boots in the oven.
6. Prepare a chair and area to place the boot keeping in mind the frame and boot will be extremely hot.
7. We recommend using a thin sock or nylon to help protect your foot from the heat.
8. Check the oven after 10 minutes to see if the boot is pliable. If you're not satisfied with the pliability check it every minute closing the door to the oven between minutes until you are satisfied (maximum of 20 minutes).
 - A) **Remove from oven with caution:** Use hot pad or mitt to remove the boot, avoiding contact with the frame and eyelets. Lace your boots SNUG without over tightening to avoid damage. Remove boot from the oven, quickly and carefully place it on your foot. DO NOT STAND! THE ONLY WEIGHT ON THE BOOT IS YOUR LEG UNTIL COMPLETELY COOLED.



9. DO NOT STAND ON THE BOOT WHILE IT IS HOT; SIT IN A HARD CHAIR/SITTING POSITION (90 DEGREE KNEE BEND) DRAW AN IMAGINARY LINE FROM THE FRONT OF YOUR KNEE TO YOUR BIG TOE FOR ACCURATE POSITIONING.
Important: Keep your hip and knee in line while your knee is directly over your toes. This is an important position to maintain during the molding process.
10. Once your boot has completely cooled repeat steps 1-11 for your other foot.

Below are additional molding tips.

- A) Pushing out the ankle bone: Most skaters have made great use of a handled screw driver. Using the handle to apply pressure can help move the shell in specific points in extreme cases.
- B) Tight toe box? Give yourself more room if needed. Using a heat gun, slowly and thoroughly heat the entire toe box. Use your thumbs to press and hold out the area/s you need expanded.
- C) Tighten the heel cup/tendon: Use oven or heat gun. Once the heel cup becomes pliable place your hands around the back of the boot applying pressure, squeezing the boot together (squeeze with more pressure than expected since composite has memory and tends to spring back slightly). Hold the cup/tendon until the shell has set-up. If you experience tight ankles after narrowing the heel cup/tendon area proceed by heating slowly and thoroughly the ankle areas inside and out (do not heat the heel area). Then place your foot in the boot, tighten the laces and wait patiently until completely cooled.

Additional questions or comments please feel free to contact us directly at: info@LuiginoRacing.com or by phone 360-456-8628.

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