

NRX[®] Strap Relative Motion Orthosis – RMO

Material

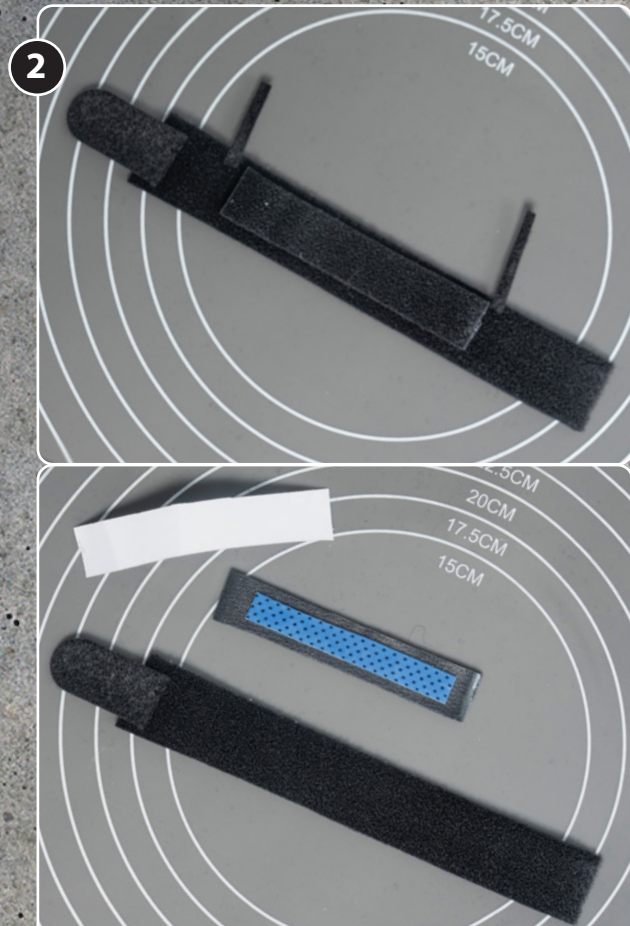
The NRX[®] Strap Neptune makes it easy to slide on the orthosis while the NRX[®] Strap PLUS offers more stability and anti-slide.

In this application we use a combination of:

- NRX[®] Strap Neptune 30 mm or NRX[®] Strap PLUS 30 mm
- NRX[®] Loop Heat Tape 50 mm EU490090
- NRX[®] Thermoplastic Strip EU490080



Start by cutting 30 mm NRX[®] Neptune or 30 mm NRX[®] Strap PLUS. Apply it around the fingers and secure it with a hook piece. Mark mid finger from side to side where the thermoplastic reinforcement should be. It is easiest to do that with two hook strips.



Lay the strap flat with the hook strips in place. Cut a thermoplastic strip that fits in between the hook strips and cover that with an NRX[®] Loop Heat Tape. Once it has been positioned correctly, remove the hook strips.



3

Cover all the materials with a baking paper. Apply the iron, make sure that it is set on two dots, medium heat. Press slightly and hold for 15–20 seconds. After that check that the thermoplastic is stretchable and that the heat tape has laminated. If not repeat.



4

Once the thermoplastic is stretchable and has bonded properly, hold both ends of the heat tape strip for 5–10 seconds to properly bond it.



5

Apply the strap over the support fingers, providing extension to the MCP-joint. Close the hook and let the thermoplastic set for 3-4 minutes. The design can also be used reversed to provide flexion. Once the thermoplastic has set, trim the sides of the strap to be able to get closer to the MCP-joint to provide a more effective extension or flexion.



Care instruction
Once laminated the splint can be machine washed in 40 degrees C. Remove the hook before washing.