

## NRX<sup>®</sup> Strap Web Space

### Material

Web space strap: 60 mm NRX<sup>®</sup> Strap Neptune

Wrist anchor: 80 mm NRX<sup>®</sup> Strap PLUS

- NRX<sup>®</sup> Heat Tape 22 mm · EU490001
- NRX<sup>®</sup> Loop Heat Tape 50 mm · EU490090
- NRX<sup>®</sup> Thermoplastic kit for Heat Tape · EU490080
- Hook parts



1

Cut a circular wrist anchor of the 80 mm NRX<sup>®</sup> Strap PLUS. Take the measurement around the wrist, add 5 cm to that. Slid the end into two straps and add hook parts.



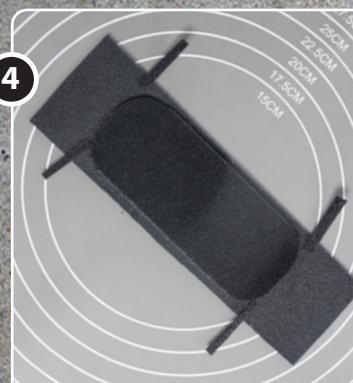
2

Cut a 60 mm NRX<sup>®</sup> Strap Neptune, should be attached on the volar part of the anchor and be extended with stretch over to the dorsal side and attached.



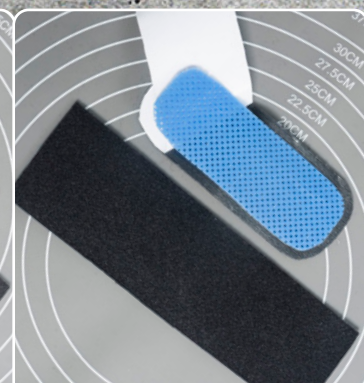
3

Attach four hook strips where the thermoplastic lamination should be positioned.



4

Position the material flat with the hook strips in position. Cut an NRX<sup>®</sup> Loop Heat Tape to fit in between strips and round the edges. Use one of the mini sheets in the NRX<sup>®</sup> Thermoplastic kit for Heat Tape and cut a piece that fits over the Loop heat tape. Make sure that you have at least 3 mm overlap between. Remove the protection paper and stick the two materials together and position them between the hook strips. Remove the strips before lamination.





5

Cover the lamination parts with baking paper and apply the iron. The iron should be set on medium heat, two dots. Start heating 20 seconds and then check the result. Repeat for another 20 seconds and check that the thermoplastic is elastic, if not repeat another 10 seconds.



6

When ready, start by pressing the two ends and hold for 10 seconds. Then press the complete lamination to ensure that the edge has bonded.



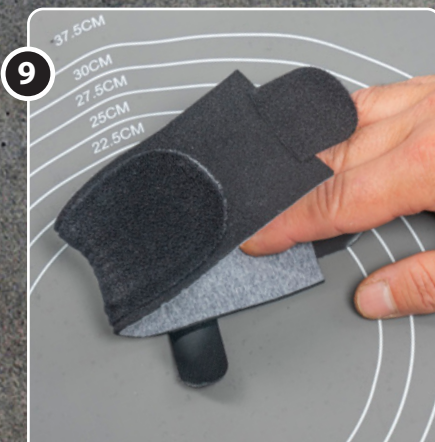
7

Attach the volar hook and stretch the material so it forms over the web space, then attach the dorsal hook. Make sure that there are no wrinkles forming over the thermoplastic and keep it in position at least 3–4 minutes until the thermoplastic is stable.

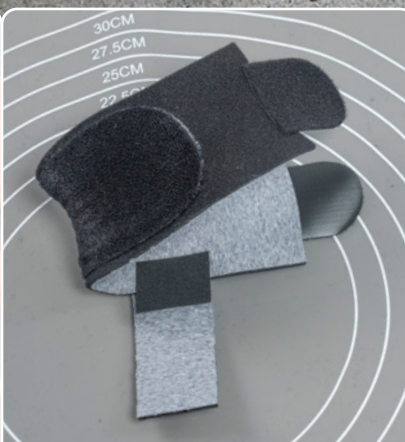


8

Once stable, attach a small hook piece just under the MP-joint. This is to prepare for adding the thumb strap.



9



Position the construction flat. Cut a 30 mm NRX® Strap Neptune and attach that to the hook. Make sure that there is no gap between the main material and the strap. Position a 22 mm Heat Tape on the inside to cover the overlap. Affix the Heat Tape with the iron for 5 seconds.



Remove the hook from the top side. Cut a Loop Heat Tape that fits the gap between the strap and main material. Affix the Loop Heat Tape for 5–10 seconds with the iron. Then press the area and hold for 10 seconds.



Once all the laminations are ready and the thermoplastic is stable, trim away access material on the strap. Keep the hook centered and angle the material from the hook and up. This will provide more support over the web-space bridge.



When all adjustments have been done, apply the construction. Start with applying the volar hook centrally on the anchor. Stretch the material on the dorsal side and attach it. If needed, adjust the length of that strap to provide more extension. Once that has been done, adjust the length of the thumb strap and attach it.

13



When the construction is ready, it should provide an effective web space and abduction of the thumb without causing any pressure problems.

Care instruction

The material can be machine washed in 40 degrees C after the hook parts have been removed.



mediroyal 

© Mediroyal Nordic AB 2024