

# NORTHERN DIVER

## OPENWATER SUITS & EQUIPMENT

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## FITTING INSTRUCTIONS

### V4 DRY GLOVE RING SYSTEM



#### CONTENTS OF BOX

##### Inside the box you will find:

- o Two dry glove modules
- o A pair of Ansell Extra™ gloves (attached to modules)
- o Thermal fleece inner gloves
- o Three different sized sealing rings
- o Locking tool
- o Applicator brush
- o Adhesive sealant (due to shipping restrictions, orders outside of the UK will not include the sealant)

##### One pair of the sealing rings will be within the dry glove modules.

Remove the gloves by turning the system to the 'unlock position' and releasing them. Then turn the detachable back of the module anti-clockwise to access and remove the ring, ready for fitting.

The rings are different sizes and thicknesses for flexibility so you can fine tune the fit of the sealing rings to your specific dry suit. Choose which ring will work best for your drysuit. We find that the red ring works well for most suits.

#### FOR LATEX WRIST SEALS

(1) Place the sealing ring of your choice within the cuffs of your drysuit, accessing from the entry point of your suit and down the arm.

*Ensure that the stepped edge of the cuff is facing upwards towards the arm.*

(2) Position the ring so it is approximately halfway between the cuff seal and the end of the cuff, running parallel between the two.

*Now skip straight to 'Fitting' section, as no marking up or sealant is required for latex wrist seals. The glove system can be fitted directly onto the latex.*

#### FOR NEOPRENE WRIST SEALS

##### MARKING UP

(1) Place the sealing ring of your choice within the cuffs of your drysuit, accessing from the entry point of your suit and down the arm.

*Ensure that the stepped edge of the cuff is facing upwards towards the arm.*

(2) Position the ring so it is approximately halfway between the cuff seal and the end of the cuff, running parallel between the two.

(3) At this point it is easier to use a prop such as a plastic bottle, to keep the cuff in a stable position whilst marking up.

*Insert your prop into the entry zip of the drysuit and push it down the sleeve until it is a good fit in the cuff area.*

(4) Using either a piece of chalk or a silver gel pen, mark up either side of the ring, where the sealant will be applied.

(5) Repeat on the other cuff.

## APPLYING THE SEALANT

- (1) As mentioned previously, if you are outside of the UK, sealant is not included. So be sure to locally source a similar product such as Aquasure or Stormsure.
- (2) Begin by using either a dremel or sandpaper to lightly buff the existing layer of sealant within the marked-up area. This ensures that the fresh layer will stick to it effectively.
- (3) Once buffed, wipe any dust away. You can do this by using specialised thinners, or simply wipe away as best you can by hand.
- (4) Using the supplied applicator brush apply a thin even coat of sealant to the entire marked-up circumference of the drysuit cuff.
- (5) Once fully coated, leave for up to 4 hours, before applying at least one more layer.  
*This time will vary depending on whether you are using the supplied sealant, an alternative sealant and whether you have added a catalyst or not.*
- (6) When the first layer is dry-to-the-touch, apply the second coat of sealant, in the same way as the first - ensuring the entire circumference is recoated.
- (7) Leave to dry overnight (again this will vary depending on what sealant has been used and whether a catalyst has been added or not).

## FITTING

- (1) To begin fitting, firstly check that the sealant is dry-to-the-touch and leave the prop in place until advised to remove.
- (2) Once happy the sealant is dry, unscrew the back locking ring off the module, and place it over and above (towards the arm) the ring that remains within the cuff.
- (3) We recommend using lubricant at this point, such as silicone spray, to help with the tightening up of the system itself.
- (4) Approaching from the edge of the cuff, place the dry glove housing system directly over the inner ring, manipulating it until it sits comfortably within the groove inside the system.  
*Make sure to centrally align the arrow on the system so it is in the correct position to be lined up with the arrow on the gloves.*
- (5) Now screw the back locking ring to the system, as tight as you can by hand.
- (6) Once secure, you can now remove the prop from the sleeve and use your hand to ensure the ring stays in place whilst tightening the system with the locking tool provided.
- (7) Attach the locking tool and turn anti-clockwise until as tight as you can get it.
- (8) Once you have tightened the system, you should see a small gap between the system and the back locking ring.  
*Don't worry, this gap indicates that the sealing ring has sealed up against the neoprene. If there was no gap this would mean that the sealing ring was too small and you will need to use the next size up.*
- (9) Repeat on the other side.

## ADDING & REMOVING THE GLOVES

- (1) The locking mechanism is on the top of the module and easily accessible for your convenience and ease of use.
- (2) To fit the glove, don the inner-glove and then the outer-glove. Align the arrows on the system and gloves, then push together. Grip the locking rings at three o'clock and nine o'clock and turn clockwise into the 'locked' position, as indicated by the symbol.
- (3) To unlock the glove, place your hand so that you can grip at three o'clock and nine o'clock, then turn the ring anti-clockwise to the 'unlock' position. The glove section will now very easily pop off.

FIT THE DRY GLOVE RING SYSTEM YOURSELF  
OR BOOK YOUR SUIT IN & WE WILL FIT THEM FOR YOU



## BOOK YOUR SUIT IN ONLINE

Simply log in to your online account, click on the Repairs icon to enter the booking in area. We have an entire workshop full of highly trained staff who provide full drysuit repair and alteration services to the highest standard.



## WATCH OUR VIDEO TUTORIAL

If you would like to fit the Dry Glove Ring System yourself why not watch our tutorial on our YouTube channel.

[View on our website](#)

[www.ndiver.com/v4-dry-glove-ring-system](http://www.ndiver.com/v4-dry-glove-ring-system)

[View on our YouTube channel](#)

[www.youtube.com/c/NorthernDiverUK](http://www.youtube.com/c/NorthernDiverUK)