



EDGE / HOG Wetsuit & Semi-Dry User Manual

Congratulations on your purchase of an EDGE / HOG Wetsuit. In choosing EDGE / HOG, you have invested in a piece of equipment that is the culmination of years of thermal research and anatomical engineering. We understand that thermal protection is the foundation of a good dive—if you are cold, you are distracted. That is why our suits are developed with a relentless focus on "Total Thermal Management."

The detail in our suits goes far beyond the thickness of the neoprene. We invest heavily in R&D to source premium, eco-friendly limestone neoprene and advanced internal liners that reflect body heat back to the diver. Our 5mm and 7mm patterns are laser-cut to ensure a perfect anatomical fit, reducing "dead air" spaces where cold water can pool. From our reinforced seams to our precision-engineered seals, every inch of your suit has been designed to keep you warmer, longer, and more comfortable. We are proud to provide you with the same professional-grade protection trusted by explorers and instructors worldwide.

⚠ DANGER: SAFETY FIRST

IMPROPER USE OF THIS EQUIPMENT COULD RESULT IN SERIOUS INJURY OR DEATH.

- **THERMAL LIMITATIONS:** No wetsuit can provide absolute protection against hypothermia. Understanding your own physiological limits and the water temperature is essential for safety.
 - **BUOYANCY CHANGES:** Neoprene contains nitrogen bubbles that compress at depth. Your wetsuit will become less buoyant and provide less thermal protection the deeper you dive. Always adjust your weighting and buoyancy control accordingly.
 - **ALLERGIC REACTIONS:** This product is manufactured using Neoprene (chloroprene rubber). If you have a known allergy to these materials, consult a physician before use.
 - **RESTRICTED MOVEMENT:** Ensure your suit fits properly. A suit that is too tight can restrict breathing or circulation, leading to panic or physiological distress.
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1. Purpose & Design Philosophy

The primary purpose of an EDGE / HOG wetsuit is to slow down the loss of body heat to the surrounding water. Our suits achieve this through:

- **Thermodynamic Insulation:** Using high-density neoprene to provide a consistent barrier between you and the water.
 - **Water Exchange Limitation:** Our **7mm Semi-Dry** features specialized wrist, ankle, and neck seals designed to dramatically reduce the amount of "new" cold water entering the suit, keeping the warmed water trapped against your skin.
 - **Anatomical Cutting:** We use pre-bent arms and legs to reduce material bunching behind the knees and inside the elbows, minimizing fatigue during your dive.
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2. Product Features: 5mm & 7mm Semi-Dry

- **High-Stretch Neoprene:** Our suits utilize 4-way stretch neoprene that allows for a wide range of motion without sacrificing the suit's structural integrity.
 - **Internal Thermal Lining:** High-performance internal fleece or hex-core linings trap additional heat and allow the suit to dry faster between dives.
 - **Heavy-Duty Zippers:** Equipped with marine-grade YKK zippers and reinforced pull-tabs for ease of use.
 - **Abrasion Resistant Kneepads:** Specially formulated knee protection that provides durability without compromising leg flexibility.
 - **Glued & Blind-Stitched (GBS) Seams:** Seams are double-glued and then stitched in a way that the needle does not fully penetrate the neoprene, significantly reducing water seepage.
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3. Sizing, Fit, and Donning

Proper Fit: A wetsuit should feel like a "second skin"—snug but not restrictive. There should be no large pockets of air/water in the underarms, crotch, or small of the back.

Donning Tips:

1. **Be Gentle:** Avoid using your fingernails to pull the suit, as this can tear the neoprene or the smooth-skin seals.
 2. **Lubrication:** If necessary, use a dedicated wetsuit lubricant or a mixture of water and hair conditioner to help the suit slide on. **Never use petroleum-based products (Vaseline)**, as they will degrade the neoprene.
 3. **Seals:** On the 7mm Semi-Dry, ensure the wrist and ankle seals are flat against your skin and not folded over, as this is critical to the "semi-dry" performance.
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4. User Care & Maintenance

- **The Fresh Water Rinse:** After every dive, soak your suit in fresh water. Salt crystals left in the neoprene can act like tiny knives, breaking down the material over time.
 - **Proper Drying:** Hang the suit inside-out first, then right-side out. Always use a **heavy-duty, wide-shoulder hanger** to prevent permanent creasing or damage to the shoulders.
 - **Avoid Heat and Sunlight:** UV rays are the leading cause of neoprene "perishing" (becoming brittle). Never dry your suit in direct sunlight or leave it in a hot car.
 - **Storage:** Store your suit flat or hanging. Do not fold it tightly for long periods, as this will crush the nitrogen bubbles in the neoprene and reduce thermal protection.
 - **Cleaning:** Periodically wash with a dedicated wetsuit shampoo to remove bacteria and odors. **Do not machine wash or dry clean.**
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5. Warranty Information

EDGE / HOG warrants to the original purchaser that the suit will be free from defects in materials and workmanship for **one year** from the date of purchase.

- **Not Covered:** Fading from UV exposure, tears or punctures from fingernails/sharp objects, damage from chlorinated water (pools), or compressed neoprene due to deep diving over time.

National Service Center: 5208 Mercer University Dr., Macon, GA 31210 **Phone:** 1-800-810-4811 | **Email:** operations@hogscuba.com

Owner's Record

Staple your sales receipt here for reference and warranty validation.

Name: _____

Home Address: _____

City/State/Zip: _____

Date of Purchase: _____ **Product Model:** _____

Serial Number: _____ **Dealer:** _____