

HALOCLINE COMBAT SWIMMER DRY SUIT

DDS100GB / DDS100GS



PROTECT.
SAVE.
RESCUE.

MODEL # DDS100GB (Berry Compliant)
DDS100GS (TAA Compliant)

SIZE Mobility Based Sizing

COLOR ■ Alpha Green

OVERVIEW

The Halocline Combat Swimmer Dry Suit sets a new benchmark for special operations performance. Engineered for tactical combat swimmers, the Halocline is a military diving dry suit developed for extended subsurface transit and immediate transition to on-land operations. Its Mil-Spec BD6.5 GORE-TEX® waterproof and breathable material reduces bulk and thermal burden in both surface and subsurface environments. The material combines an abrasion-, saltwater-, and UV-resistant polyester face with a nylon tricot backer for next-to-skin contact. Its structured construction resists the formation of tight creases as the suit compresses underwater, improving comfort during prolonged wear. Athletic patterning follows the diver's neutral body position while preserving the mobility required for climbing and active movement on land.

A rear horizontal mid torso zipper enables unassisted donning and keeps the zipper clear of front-mounted rebreather equipment. The four-point mesh suspenders distribute load, stabilize the suit under equipment, and incorporate a standby mode that secures the suit when half donned to reduce thermal burden before deployment. A manually operated binary micro exhaust valve positioned on the forearm allows controlled pressure release while minimizing bubbles during low-detection movement. The inflation valve can be mounted on either side of the suit to accommodate different equipment configurations, and a removable roll-top pony bottle bag supports inflation-system integration. A port with blanking plug for pee valve integration is provided for relief.



1. Breathable, waterproof, and lightweight 288 gsm Mil-Spec BD6.5 GORE-TEX is abrasion, saltwater, and UV-resistant.
2. Rear horizontal mid torso zipper supports solo donning and avoids interference with front-mounted rebreathers.
3. Athletic patterning supports neutral dive posture, Diver Propulsion Vehicle (DPV) use, and active surface movement.
4. Ringless laminated Latex neck seal improves rebreather comfort.
5. The ambidextrous low-magnetic-signature inflation valve avoids interference with front-mounted rebreathers.
6. Compact forearm-mounted binary ON/OFF exhaust valve provides manual-only venting to support low-detection operations.
7. Low-profile stretch over-collars protect neck and wrist seals at high subsurface speeds; a ringless wrist design minimizes snag risk during surface operations.

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OVERVIEW (CONTINUED)

Low-profile stretch neck and wrist over-collar materials prevent the seals from being forced open during high-speed subsurface travel, and the directly laminated latex neck seal improves comfort when worn with a rebreather. X50 fabric with aramid X-PLY® reinforcements at the knees, elbows, and seat protects areas exposed to hard use. Thigh MOLLE panels provide attachment space for additional equipment, and newly patterned integrated socks improve fit inside tactical footwear.



- 8. Waterproof X50 with aramid X-PLY® reinforcement at the knees, seat, and elbows delivers high abrasion and tear resistance.
- 9. Two relief options include pee-valve integration and surface relief zipper.
- 10. Vest-mounted standby system provides two clipping heights and a stowed hook-and-loop retention strap to secure the half-donned suit and reduce thermal load during mission preparation.
- 11. Thigh-mounted MOLLE panels support additional kit integration.
- 12. Newly patterned integrated socks improve fit in tactical footwear.
- 13. Four-point mesh suspender system stabilizes the suit under load, improves long-term comfort, and supports a standby mode for half-donned scenarios.
- 14. Rapid Repair Technology™ enables users to self-replace neck, wrist, and sock seals and repair small leaks in an hour or less.
- 15. Removable roll-top pony bottle bag accommodates multiple cylinder sizes for suit-inflation system integration; open side design allows for in-use access to valve adjustments.