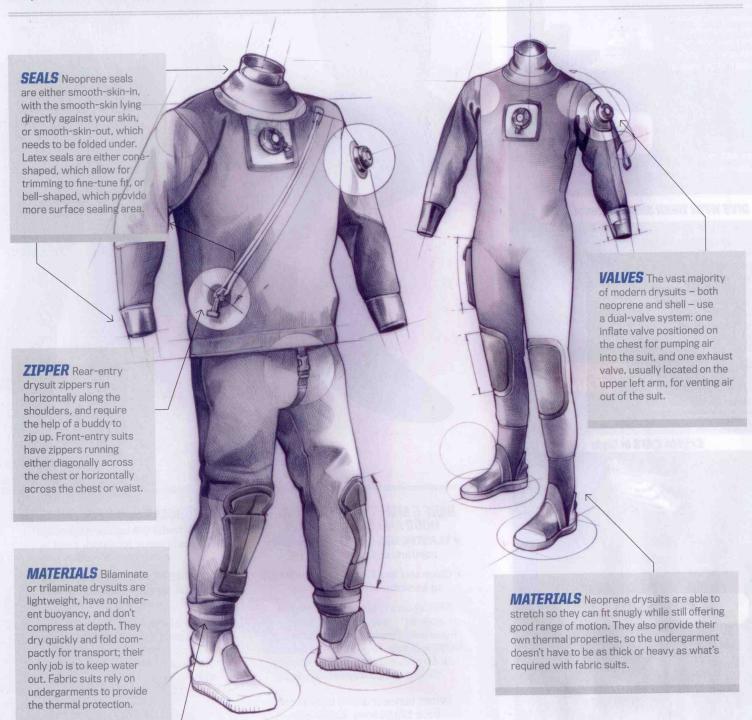


DRYSUITS

The purpose of an exposure suit is to maintain a thermal balance between your body and the ocean. Since it's a lot easier to heat air than water, it makes sense that a drysuit is a much more efficient way to stay warm and comfortable while immersed in cold water.



Out of the Box

Read the owner's manual. Like most of life's challenges, drysuits are not as complicated as they look. A thorough review of the owner's manual will alert you to all your suit's nuances, and get you headed in the right direction.

Add a hose. Hook up the low-pressure hose to your first stage. Most divers route it under their left arm, but since most drysuit valves swivel, either side will work fine.

Trim seals. Cut latex or silicone seals with large scissors. The key is patience. Most seals have ridge lines to cut against. Cut a line, try it on, cut another, try it on again, and so forth, until you get it comfortably snug but not uncomfortably tight.

Readjust ballast.

Drysuit divers tend to need more ballast weight than wetsuit divers. Again, be patient, and take the time to determine the correct ballast requirements for the type of suit you're using, the thickness of the undergarments and your general comfort level. It's going to take at least a few dives to dial it all in.

classes aren't required, but they're highly recommended. By your first fun dive, you'll already have conquered the steepest slope of the learning curve and will be ready for a successful dry dive.

HOW TO CARE FOR A DRYSUIT

PUT THE SUIT ON A WIDE

HANGER and zip it up, then wash its exterior with fresh water and a mild soap. Insert plastic cups or small buckets into the neck and wrist openings to keep water from getting inside the suit. Flush valves and wash seals to remove any body oils. Scrub zipper teeth with a toothbrush.

TURN THE SUIT INSIDE OUT

and wipe the liner down with a damp rag to clean any sweat residue. If the suit has attached boots, wash and dry their insides with towels.

→ LET THE SUIT HANG like this until dry, and then turn it right-side out to inspect the seals for tears or signs of aging. Look for abrasion, especially on knees and elbows. Obvious scuffing might be a sign of more-serious trouble to come, warranting the addition of protective patches.

> IF YOU NOTICED A LEAK

prior to taking off your drysuit, repair it after the suit has thoroughly dried, but before you put it away and forget about it. Many leaks can be repaired at home, but follow the manufacturer's recommendations.

AN ANNUAL OVERHAUL

enables you to get the valves serviced by a professional. This would also be the time to replace any questionable seals, service the zipper, and repair any leaks. > STORE THE SUIT either with the zipper closed or opened all the way. If left partially open, the slider will leave a mark in the zipper track that might not seal the next time you wear it. Some divers store their suits on extra-wide hangers, while others fold them loosely and stow them in a plastic bag to protect from ozone.



What You Need to Know About Drysuits



Gloves Any glove thick enough to provide the needed thermal protection will work with a drysuit. That said, one of the most popular advances in drysuit diving is the advent of easy-to-use dry-glove systems. They connect to the wrists via a pair of plastic rings. Wear a pair of thermal glove liners underneath, and you can have warm, dry hands in the coldest conditions.

Soft Socks or Attached Boots

Drysuits usually come with a

choice of latex or neoprene soft socks, which allow you to choose from a variety of drysuit overboots. Soft socks also enable you to turn the suit completely inside out for cleaning, drying and airing after a day of diving. Attached boots, on the other hand, are convenient because



they simplify the donning process, and eliminate having to deal with extra gear. They can range from lightweight latex to rugged vulcanized rubber, offering lots of foot support and aggressive tread.

Hoods In a pinch, any hood that fits well and can keep your head warm will work with a drysuit, but ideally you would use a hood



that is designed to be used with a drysuit. These specially made hoods are cut a little shorter and designed with smooth-skin panels that seal against the neck seal, or between the neck seal and the neck's warm collar, to significantly minimize water intrusion and keep you warm and dry.

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