

ex dry suit

wrap yourself in comfort



ex shoulder exhaust valve

valve provides your choice of manual or auto relief setting. Simplified design for easy owner maintenance / cleaning.

Neoprene vs. Shell type dry suits

A Shell suit does not supply any warmth. You have to wear several layers or very thick, bulky, undergarments to compensate. Additionally, if you happen to puncture your shell suit; the inner layer becomes cold, wet and heavy. You are left with little to no protection from the cold. Just like a wetsuit; a neoprene dry suit provides warmth. Significantly less undergarments are necessary. If a puncture should occur; neoprene suits provide warmth even if the interior becomes wet. Additionally, small punctures can generally be repaired with a dot or two of wet suit glue for minimal loss of dive time.

Apollo's Microcell vs. other neoprene options

The ex 4.0 has the thermal efficiency equivalent to a much thicker suit without all the cumbersome bulk and buoyancy. The Apollo microcell suit is easy to move in, requires less weight, and gives you a suit that useable in a wider range of environments.

Perfect with swim attire in temperate waters, or worn with a polartech™ type under garment to dive in cooler temperatures. There is a variety of innerwear weights to choose from. Pick the one that works best for your needs. Our test divers layered the suit with an expedition weight under garment for a three hour exploration in 39° F/ 5° C waters of Japan's Ryusen-do caves.

Feature packed to ensure your suit is easy to use, wear, and maintain. Seals, valves, and suspenders ensure optimum comfort and performance.



issue neoprene dry suits tend to be bulky, extremely buoyant, and difficult to swim in.

solution ex 4.0 microcell dry suit

Many dry suits are produced with a thicker compressed neoprene. It is less expensive, easier to build, and divers naturally equate thicker material with warmth. If we were talking about a wet suit then that assumption would be correct. A thicker wet suit will be warmer than a thin one. Water is readily able to enter a wet suit so you need the bulk. On the other hand, a dry suit provides a closed environment which blocks out the elements and retains the heat from your body. In reality the bulkier material is difficult to move in and requires more weight be worn to reduce buoyancy. The ex 4.0 microcell suit has a thermal efficiency equivalent to a much thicker suit without all the bulk and buoyancy. Apollo's microcell suits are easy to move in, require less weight, and gives you a suit that is useable in a wider range of environments.

ISSUE 2 Air "trapping" in boot area can cause accidental inversion and often forces diver to wear cumbersome ankle weights. **SOLUTION** Our patented adjustable ankle relief valves are included with suit. **BONUS** 5mm boot with tennis shoe sole is excellent protection from rocks and other debris. **ISSUE 3** Push button inlet valves can be accidentally activated **SOLUTION** Our patented ex inlet valve has slide activation to reduced chance of accidental inflation. **BONUS** inlet valve rotates 360°; run hose from any direction with comfort.

- Suit material** 4.0 microcell neoprene
- Seal material** Conical shape; trim-to-fit
2nd skin latex
- External support** Flexible polyurethane knee pads help protect suit from abrasion and tearing in this vulnerable area
- EX Inlet valve** 360° rotation/slide activation
- EX Exhaust valves** (1) left shoulder manual and auto relief settings
(2) ankles - on/off settings
- Neoprene boots** 5mm w/ tennis shoe sole
- YKK Zipper** Rear entry
- Seams** Blind stitched and glued
- Internal support** Suspenders keep suit in place while diving and allows for comfortable removal of upper suit between dives.
- EX Drysuit** \$1200.00



	inseam	US shoe size	weight	height
mens fit				
small 26	28 - 30	7 - 8	140 - 160	5'5" - 5'8"
medium 27	29 - 31	8 - 9	150 - 170	5'7" - 5'9"
med large 28	30 - 32	9 - 10	180 - 200	5'8 - 5'10"
large 28	31 - 33	9 - 10	190 - 210	5'10" - 6'1"
large 30	31 - 33	11 - 12	190 - 210	5'10" - 6'1"
x-large 30	32 - 34	11 - 12	210 - 230	6'1" - 6'3"
x-large 32	32 - 34	13 - 14	210 - 230	6'1" - 6'3"
xx-large 31	33 - 35	12 - 13	230 - 250	6'3" - 6'5"
xx-large 33	33 - 35	14 - 15	230 - 250	6'3" - 6'5"
ladies fit				
x-small 24	26 - 28	6 - 7	100 - 125	5'3" - 5'6"
small 25	28 - 30	7 - 8	110 - 135	5'4" - 5'7"
medium 26	29 - 31	8 - 9	120 - 145	5'5" - 5'8"

Fit tip: Actual boot length is provided in centimeters next to size. Measure the length of your foot to help determine optimum boot size available. Allow space for any additional footwear if applicable.

dry suits



issue dry suit seals can be uncomfortable and it is difficult to attain a truly good seal



wrist set

solution bio-seals for neck and wrist

Apollo's patented bio-seal increases comfort and provides a dryer dive under any condition. Suit seals are touchy and can leak for a many different reasons. Users often undercut causing a breath taking squeeze or overcut allowing water to pour in. Every body is different. Fluctuations in weight and some body positioning can also affect the fit of seal. Seals may have been poorly cut, stretched over time, or maybe it's just you. Regardless, there is a quick and easy fix. Our patented bio-seal eliminates water leakage at dry suit seals. A leak free fit can be attained. No squeeze required. Bio-seals super flex material with memory stretches +70% for easy installation and comfort. Not just a gasket or spacer; the unique material adheres extremely well to the curved, uneven surfaces of neck and wrists. **ISSUE 2** Many suffer from latex allergies. **SOLUTION** While this product is not specifically designed for allergy issues; it is latex free. Divers often find that is just the ticket for avoiding minor discomfort and skin irritation associated with latex seals. NOTE Designed for use *with* your current personal or rental suit dry suit seals ● Wrist set \$75 (one size) ● Neck \$50 M/Std 11-14" ● Neck \$50 L 14 - 17" Fit tip: Measure circumference of your neck to determine optimum size.



issue improper suit storage can cause early wear and stretching of neck seal



solution save-a-neck suit hanger

A conical neck extends life of latex and neoprene neck seals. The overall design helps reduce neck pull caused by weight of suit when hanging. We have also chosen to use a metal neck to better support weight of dry suit. **ISSUE 2** Dry suit hangers tend to be bulky and large. **SOLUTION** Narrow, rounded shoulders reduce bulk. Just wide enough for optimum drying. \$25.00



issue air gets trapped in dry suit boots which can cause numerous problems

solution adjustable foot valves

Foot valves provide automatic relief as needed to prevent air trapping in boots. The "feet up" position can be a struggle to get out of. No more worry of becoming accidentally inverted. Many divers can eliminate use of cumbersome ankle weights. **ISSUE 2** Cavers and other tech divers tend to travel in silty areas and may prefer to valves off once a descent is completed. **SOLUTION** Valves can be turned to on/off position during a dive. BONUS simple 3-part design for easy owner maintenance. \$50.00 (\$100 Pair)



- EX 4.0 dry suit includes adjustable foot valves