



ORVIS[®] PRO






MENS AND WOMENS **WADERS**

Tech Bulletin

Three years in development, these waders kept Alaskan bush guides dry in over nine thousand hours of crashing through brush, sliding down banks, and climbing in and out of boats and float planes. We've never spent as much time and effort in designing and field-testing a pair of waders and they are unquestionably the most durable waders we have ever made—and they will prove to be the most durable in the industry.

ORVIS[®] // AHEAD OF OUR TIME SINCE THE BEGINNING

The 30-second tour

-  - **The most durable waders we have ever made** and the most puncture resistant in the industry
-  - **Three years in development** and over 9,000 hours of testing under tough conditions
-  - **Four layer** on top for comfort, **five layer** on the bottom for durability
-  - **New seam pattern** and seam taping makes the seams even more durable
-  - **Lots of bells and whistles** including quick-draining gravel guards, lots of pockets, fleece-lined handwarmer pockets, and padded and removable knee pads.



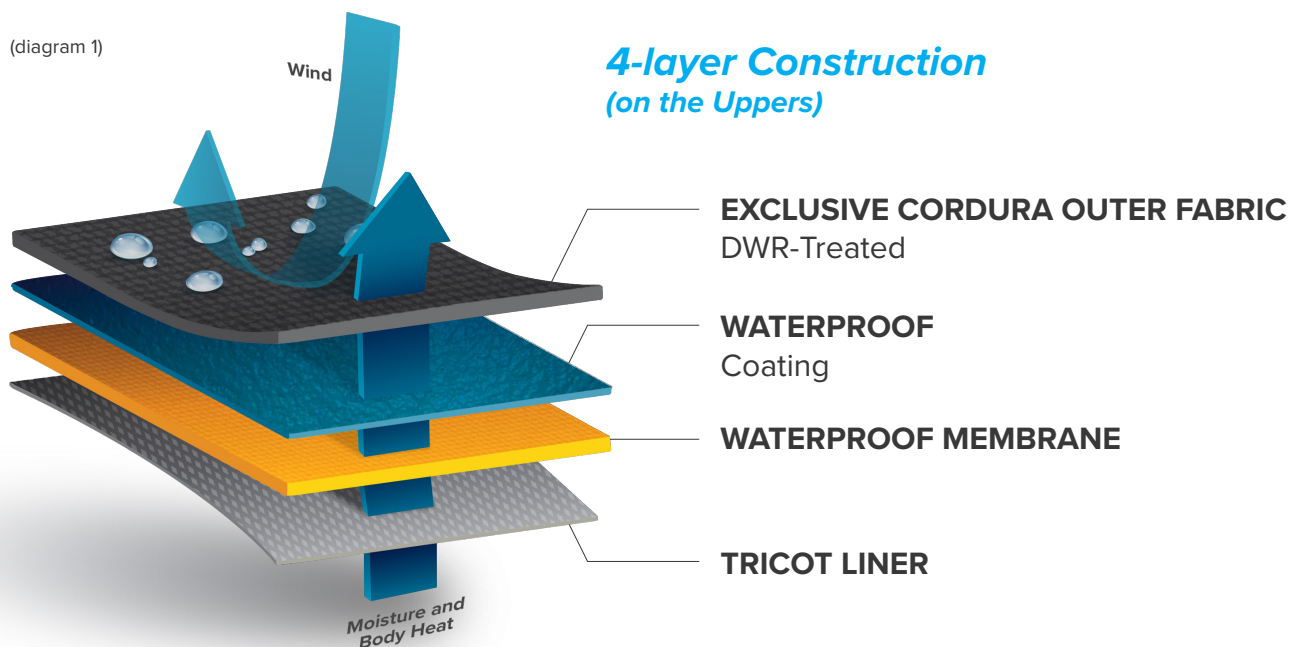
IT STARTED WITH FABRIC.

After testing multiple samples of the best wader fabrics available, we weren't satisfied with their performance, or with any of the fabrics used by competitors. So we partnered with Cordura® to develop an entirely new wader fabric designed specifically for the rigors of the toughest fishing conditions in the world. This is our exclusive Cordura® fabric—in fact there are no other fishing waders made with any kind of Cordura® fabric. You might recall older Corduras as being extremely tough and puncture resistant (think ballistic luggage) but heavy. However, recent developments have produced a Cordura® that is thinner, lighter, and more flexible, while retaining the toughness synonymous with the Cordura® name.

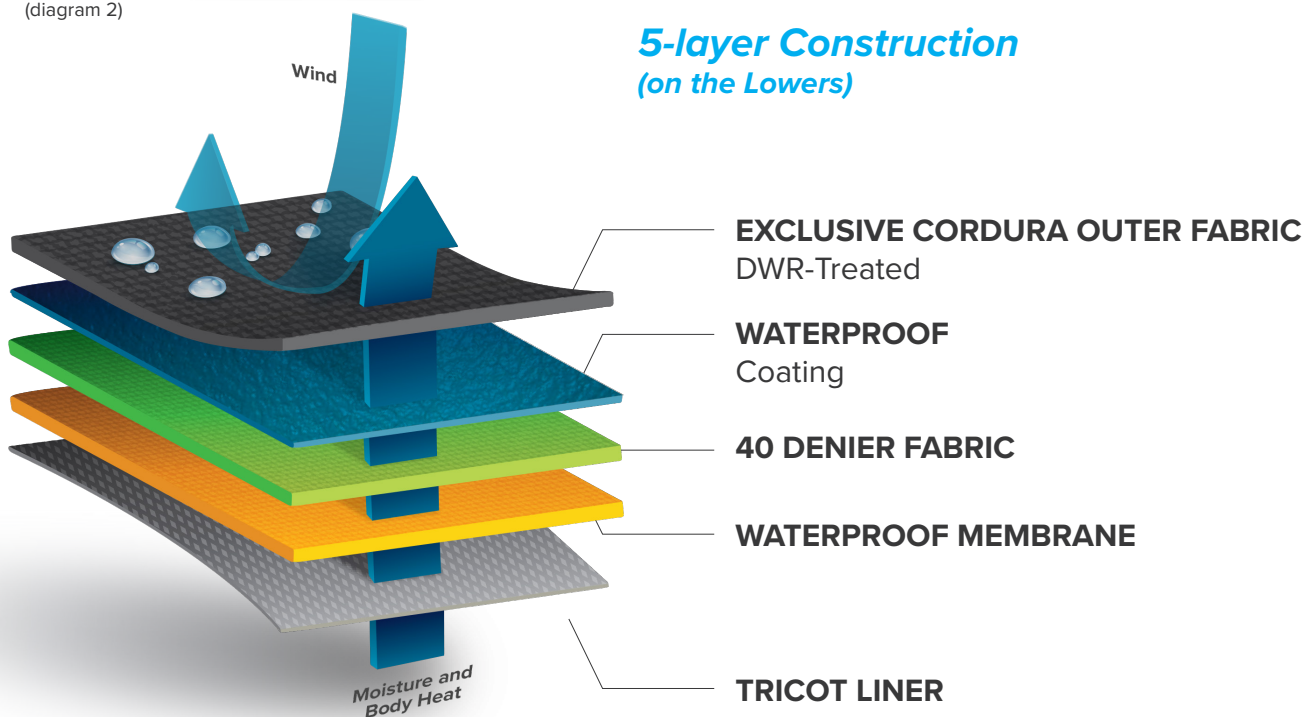


WE BODY-MAPPED THE WADERS, using a 4-layer construction (see *diagram 1*) on the uppers for freedom of movement, and 5-layer construction (see *diagram 2*) in the legs for puncture and abrasion resistance. You can crash through nearly anything man or mother nature throws in front of you without worrying about leaks. Our lab tests have shown that Orvis Pro Waders and more puncture- and abrasion-resistant than any other wader on the market (see table next pg), and in fact they are as puncture-resistant as our upland briar chaps.

(diagram 1)



(diagram 2)



ONE ASPECT OF SUPERIOR DURABILITY IS THE FABRIC USED; the other is seam strength and placement. Orvis Pro Waders have only one seam in the legs (on the back where wear and abrasion is lower) and the crotch area has been fully redesigned to reduce seams and engineer their placement by adding a gusset to remove them from stress areas. All seams are sewn using a durable but low-profile lock-stitch construction. But sewn seams must be waterproofed—the most critical step. While the industry standard is to use extruded tape to seal seams, the new Pro Waders utilize a new Vetex tape that is created in sheet form. What this gives our seams is a more consistent gluing process and waterproof barrier, and far better peel and tear strength.

WADER	Orvis PRO Wader	Orvis Ultralight Wader	Patagonia Rio Gallegos Wader	Simms G3 Guide Wader	Simms Headwaters PRO Wader	Simms G4 PRO Wader
PRICE	\$498	\$298	\$499	\$549	\$449	\$749
SHELL FABRIC	4-Layer 7.6oz 100% CORDURA Nylon mini oxford body 5-Layer 11.3oz 100% CORDURA Nylon mini oxford legs	4-layer 5.8oz 100% Nylon stretch twill body 4-Layer 6.8oz 100% Nylon taffeta legs	4-Layer 5.8-oz 100% polyester microfiber high-density taffeta upper 4-layer 9.1-oz 100% polyester microfiber high-density double-weave taffeta lower	3-layer GORE-TEX® Pro Shell in upper 4-layer GORE-TEX® Pro Shell in seat & legs	3-layer GORE-TEX® Pro Shell in upper 3-layer GORE-TEX® legs with reinforcement	3-layer GORE-TEX® Pro Shell in upper 5-layer GORE-TEX® PRO legs and seat
PUNCTURE ASTM	11.48	8.61	10.50	6.68	7.63	9.49
WEIGHT	1360g (48oz)	995g (35oz)	1219g (43oz)	1276g (45oz)	1200g (43oz)	1389g (49oz)

All the durability in the world won't matter if the waders don't offer features that make them fun and comfortable to wear. After spending years talking to guides and getting their feedback on what features are most needed in waders for athletic anglers, we added the following features during our development process:



KANGAROO-STYLE, FLEECE-LINED HANDWARMER POCKETS

Nothing is more appreciated in cold weather than handwarmer pockets, especially when they are lined with micro fleece. The kangaroo style allows both hands to come together, so they can share a single handwarmer. Plus you get a deeper pocket with this arrangement. They are protected by a water-resistant zipper when not in use so they are dry when you need them.

ANATOMICAL LEFT AND RIGHT BOOTIES

Neoprene booties are shaped like feet, not like tubes. Wading boots fit better, and they prevent uncomfortable bunching of the booties when wading.



POCKETS WHERE NEEDED

There is a large stretch mesh pocket inside the waders, a smaller outside pocket with water-resistant zipper, plus a removeable compartmentalized gear carrier. Gear and accessories can be kept wherever is convenient.



QUICK-DRAINING GRAVEL GUARDS

The entire rear half of the gravel guards are made of a super durable 4-way stretch mesh with a PU casting on top that releases water immediately. What this means is when you walk out of a river your ankles don't feel like they're surrounded by diver's weights and you can walk up the trail without sloshing. And of course, when climbing back into a drift boat you won't bring half the river with you.



PADDED, REMOVABLE KNEE GUARDS

Kneeling on gravel to sneak up on a trout, releasing a fish, building a fire, or bracing yourself when running a jetboat, knee padding is a wonderful addition to waders. Orvis Pro Waders have removable Ortho-lite® X-25 foam knee pads (a special foam that does not get compressed over time) that protect and your knees on rough surfaces.

Reports from the field

- ★★★★★ *"They have been indestructible. I have hiked miles in hot days, and never felt like I was overheating. Have wading many hours, and nothing has leaked through any of the seams. They are very comfortable waders, and I truly think they will change the wader game."* - **Dana Lattery, guide, Bow River Outfitters, Alberta**
- ★★★★★ *"Good mobility with odd motions getting in and out of jet boats and floatplanes."*
Ryan Friel, guide, Crystal Creek Lodge, Alaska
- ★★★★★ *"I have beat the hell out of the water for the last 150 days. Running through heavy brush, sitting in boats, to walking 4-5 miles during my walk wade trips. No leaks due to normal wear and tear"* - **George Daniel, guide and author, Pennsylvania**
- ★★★★★ *"No leaks and are comfortable to wear. The pockets are really convenient the waterproof pockets great for electronics and the hand warmers pocket is comfortable."* - **John Padgett, guide, Tower Rock Lodge, Alaska**
- ★★★★★ *"As an Alaska guide we have to use these waders every day, so the fact that they haven't leaked yet is huge. Overall I'm very pleased with the product."* - **Onno Wieringa, guide, Crystal Creek Lodge, Alaska**