

The newest revolution in Drysuit technology can only be found here – at Hollis.

Our new patented BioDry™ suit with Wearforce® technology has broken all boundaries. Its strength and stretch offers a complete range of motion allowing for a more streamlined fit.

The BioDry™ is the only suit on the market that allows up to 150% stretch. Combining a thick Polyurethane inner layer with the durability of polyester based, proprietary Wearforce® fabric composite on the exterior called Wearforce® provides a lightweight, strong, and extremely flexible suit.

Say goodbye to bunching and rigid material. Never before has a Drysuit been more comfortable.

Today's drysuits utilize a variety of different materials, some with more benefits than others, and some with a mission specific purpose.

Other Manufacturers use:

Neoprene –heavy / very buoyant / most commonly used

Compressed Neoprene – heavy / lots of drag / improved version of standard neoprene

Trilaminate –heavy / rigid / baggy / lots of drag / durable

Nylon – rigid / less durable than alternatives / lightweight

Vulcanized Rubber – thick / heavy /used in commercial suits / chemical resistant

We Use:

Patented Bioflex™ w/ Wearforce® technology – lightweight / 4 way stretch up to 150% / durability of Wearforce® / low drag due to a more streamlined fit

Bioflex™ carries a higher perceived value over all other suit types with its increased features and benefits. When combined with Wearforce® however, you have a material unlike any other that outperforms the competition.



The Wearforce® Advantage

Wearforce® was originally designed for use in applications where serious protection and wear resistance was first priority. This included Buoyancy Control Devices and even protective and thermal apparel for Motocross and Extreme sports.

Test results have shown that Wearforce® fabric was found to be three times more durable than ballistic nylon fabric while maintaining a simultaneous 4 way stretch of up to 150%. In an underwater environment when staying dry is key, you can count on your BioDry™ with Wearforce®.

* Wearforce® is a registered trademark of Xymid LLC for its range of highly durable fabrics and composite*

Standard Features

- FX100 Front Entry Design & BX200 Rear Entry Design
- Low maintenance
- Washable with soap and water
- Left & Right Thigh pockets
- Elastic gators
- Zipper Protector
- Drysuit Bag & Zipper Lube included
- Suspenders Included
- Wearforce® is low profile and reduces drag
- Seams double taped for extreme protection
- Latex Neck and Wrist Seals
- 360 Degree Inflator Valve / Low Profile Exhaust Valve
- Heavy duty PVC knee pads
- Optional Dry Gloves / P Valve / Overboots / Thermal Undergarments

WEARFORCE®
// TECHNICAL INFO

Forget everything you've heard about high performance fabric because now there's Wearforce®. Never before has fabric offered more: durability, comfort, stretch and abrasion & wear resistance.

UNIQUE CHARACTERISTICS:

- High Wear - up to 5 times the wear resistance of other fabrics
- High Stretch - 4 Directional - Expands to 150% of original size
- Material is very low profile and reduces drag in the water
- Resistant to most chemicals that divers may encounter

The tongue tear test (lbs)
ASTM test method D2261

LEATHER BATTING GLOVE	4.7 lbs.
LEATHER "2oz"	6.6 lbs.
WEARFORCE® FABRIC 1541B - 12oz	12.4 lbs.

Wyzenbeek Abrasion test results
using 80 - grit sandpaper

LEATHER BATTING GLOVE	367
LEATHER "2oz"	600
WEARFORCE® FABRIC 1541B - 12oz	860

WEARFORCE® is a trademark of XYMID, LLC
- US PATENT N: 5693412

BioDry™ – Test Review

Jeff Loflin, cave diver and tech instructor explains his experience in the new Biodry FX100 Drysuit

“The new Hollis BioDry FX100 dry suit is an excellent suit with characteristics like no other dry suit”, Jeff says. “The innovative material allows the wearer to glide through the water unlike conventional dry suits. There is no noticeable drag like you would expect while diving dry which requires less effort while swimming. The flexibility of the BioDry FX100 suit is comparable to wearing a wet suit. I have made numerous cave dives with the suit in some pretty tight places with no noticeable wear on the suit. I am definitely enjoying diving the Hollis BioDry FX100 Drysuit.”

Jeff M. Loflin

PADI Technical Instructor Trainer,
NSS CDS Cave Instructor,
IANTD Technical Cave /Trimix Instructor



Warranty Information

Workmanship (Five (5) year Warranty)

Hollis Drysuits will be free from defects in workmanship for a period of 5 years.

Material / Zippers / Valves (One (1) year Limited Warranty)

Hollis Patented Wearforce material, Zippers, Inflation Valve and Deflation Valve will be free from defects for a period of one (1) year.

Latex Neck and Wrist Seals (Ninety (90) Day Warranty)

Hollis Neck and Wrist Seals will be free from defects in material and workmanship for a period of ninety (90) days or until trimmed.

Size Chart

MEASUREMENT POINT	XS	SM	MD	ML	LG	XL	XXL	XXXL
WEIGHT - LBS	120 - 145	135 - 155	150 - 175	170 - 195	185 - 210	210 - 240	235 - 265	260 - 295
WEIGHT - KG	54 - 66	61 - 70	68 - 80	77 - 89	84 - 96	96 - 109	107 - 121	117 - 134
HEIGHT RANGE - IN	63 - 66	66 - 68	67 - 70	69 - 72	70 - 73	71 - 74	73 - 76	74 - 78
HEIGHT RANGE - CM	160 - 168	168 - 173	170 - 178	175 - 183	178 - 185	180 - 188	185 - 193	188 - 198
CHEST RANGE - IN	32 - 36	34 - 38	37 - 40	38 - 42	40 - 44	42 - 46	44 - 48	46 - 50
CHEST RANGE - CM	81 - 91	86 - 96	94 - 101	96 - 106	101 - 112	106 - 117	112 - 122	117 - 127
WAIST RANGE - IN	26 - 30	28 - 32	30-34	32 - 36	34 - 38	36 - 40	38 - 42	40 - 44
WAIST RANGE - CM	66 - 76	71 - 81	76 - 86	81 - 91	86 - 96	91 - 101	96 - 106	101 - 112
HIPS - IN	32 - 36	34 - 38	35 - 39	37 - 41	39 - 43	41 - 45	43 - 47	45 - 49
HIPS - CM	81 - 91	86 - 96	89 - 99	94 - 104	99 - 109	104 - 114	109 - 119	114 - 124
INSEAM - IN	26 - 28	27 - 29	28 - 30	29 - 31	30 - 32	31 - 33	32 - 34	33 - 35
INSEAM - CM	66 - 71	68 - 73	71 - 76	73 - 79	76 - 81	79 - 84	81 - 86	84 - 89
SOCK SIZE - US/Canada	6 - 7	6 - 8	7 - 9	8 - 10	9 - 11	9 - 12	11 - 13	13 - 15
SOCK SIZE - UK/Australia	5 1/2 - 6 1/2	5 1/2 - 7 1/2	6 1/2 - 8 1/2	7 1/2 - 9 1/2	8 1/2 - 10 1/2	8 1/2 - 11 1/2	10 1/2 - 12 1/2	12 1/2 - 14 1/2
SOCK SIZE - Europe	38 - 39	38 - 41	39 - 43	41 - 44	43 - 45	43 - 46	45 - 47	47 - 49



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