



The endurance of warmth.



CAPABILITY STATEMENT

Surf-Fur™ water parka and other high-quality, warming outerwear are created and manufactured by HeatLab, Inc.™

WHY HEATLAB'S SURF-FUR WATER PARKA?

- Use for avoiding hypothermia in any cold situation, even below freezing
- The only reversible parka on the market
- The only one-layer parka on the market
- Breathable fabric allows heavy work without discomfort
- The longest parka on the market
- Easy to secure in all weather conditions
- BOWC hemline, Zen pockets, and roomy fit ensure privacy for changing clothes underneath
- Qualities of three-layer coat within one layer; wind-proof and waterproof
- Wash with regular laundry, tumble or line dry
- Ear phone accessible, Velcro® secured pocket for personal electronics and keys
- Deep molded hood with toggled drawstring close and built in neck warmer for extra protection against wind
- Easy to wear, easy to move in

TECHNICAL SPECIFICATIONS

The Surf-Fur fleece material is used in every water parka we make, and is always made exclusively for our use according to our exact specifications. Our fleece is a soft, lightweight, warm and comfortable fabric. It is hydrophobic, holding less than 1% of its weight in water, it retains much of its insulating powers even when wet, and it is highly breathable. Made from 100% polyester, which is usually recycled materials, it is one of the most technical fabrics on the market. Surf-Fur fleece gives the wearer maximum protection from blustery conditions in a lightweight packable fabric. These fabrics combine the warmth of fleece with a 100% windproof, waterproof, breathable barrier, eliminating the need for a windbreaker or other additional shell. It is a good alternative to wool.

Our fabric is two layers of fleece bonded together by a membrane called Polytetrafluoroethylene, or PTFE, which allows a small amount of air through the fabric (15cfm) to substantially improve breathability, without significantly compromising the fabric's warmth, reducing the tendency for heat stress buildup during aerobic activities. A water resistant outer surface and an inner surface treated to wick, provide all-in-one comfort and protection.

Given the properties of water, a large droplet of water would not be able to fit through the miniscule opening of the PTFE, but water vapors (hence perspiration) will be able to escape through the holes allowing the fabric to breathe.





CUSTOMERS

- Sold through dive shops around the world
- San Diego Bay Police have used our water parkas since 2008
- The Sea Shepherd Conservation Society field workers wear our Surf-Fur suits for comfort and protection in the Arctic climate. Surf-Fur water parkas were used in Antarctica during the historic clash with the Japanese whaling fleet in December 2009.
- Since 2007 Pepperdine University furnishes its water sports teams with Surf-Fur parkas
- The UCSD surf team won 1st place while wearing our Surf-Fur water parka



Researchers buy from us because... Surf-Fur water parkas keep them warm all through winter in Australia and then in Antarctica, Surf-Fur water parkas are super for going out on deck.

Divers buy from us because... Surf-Fur water parkas warm them in-between dives and on the boat ride back to shore.

Bay patrols buy from us because... Surf-Fur water parkas keep officers warm and dry while on patrol.



Surfers buy from us because... Surf-Fur water parkas warm them on the beach and keep muscles warm in-between heats.

Lifeguards buy from us because... they use Surf-Fur water parkas for protection from hypothermia for people they are saving as well as keep themselves warm after a water rescue.

Swimmers buy from us because... while on deck, the Surf-Fur water parkas will protect them from becoming cold and it is easy to change under it in privacy.



COMPANY INFORMATION

HeatLab can also custom design fabrics and most types of outerwear. From start to finish, qualified HeatLab staff will complete the detailed process of manufacturing a superior quality garment to fit your needs. Where ever there are exacting specs for quality and value, HeatLab, Inc. products will be your first choice.

Garment Design

- Innovative and functional items in stock, ready to ship
- Developmental team available to build project with features needed for intended use
- Custom products match profile, fit, comfort, and/or color specified
- Custom design services for specialty items

Features and Innovation

- Field-tested features on all styles
- Continually researching new technologies and materials in coordination with design to provide new ideas for protection and warming
- Features and styles designed around high-performance outer protection
- Fabrics available are a light-weight fabric, approximately 315 gsm; amid-weight fabric, approximately 341 gsm; and a heavier fabric approximately 397 gsm.

Quality Products

- Highest quality materials and manufacturing

Customer Service

- Friendly, personalized, and quick response. One representative coordinates all steps in the process.

Reputation

- HeatLab's Surf-Fur was voted "Best Dive Parka" in five different magazines since 2008
- Diverse experience delivering large and small orders, locally and internationally

Classifications

DUNS #015999805
CCR & ORCA: SB, WOSB, SDB
CA Supplier #1465640

NAICS

315211, 315228, 315991, 315992, 315993,
315999, 316219, 339920, 339999, 423910,
423920, 423990, 424320, 424330, 446199,
448110, 448120, 448130, 448140, 448150,
451110, 451120, 453220, 453220

PSC

4220- Diving
4240- Rescue and safety equipment
7810- Athletic and sport equipment
8305- Textile Fabrics
8405- Outerwear, Men's
8410- Outerwear, Women's
8415- Clothing, Special Purpose
8465- Individual Equipment



The secret to being warm.



WHAT OUR CUSTOMERS SAY

"My name is Brad Latimer; I crewed last year on the MY Steve Irwin, owned by the Sea Shepherd Conservation Society. We got sent a few boxes of Surf-Fur water parkas. They kept us warm all through winter and when we went to Antarctica they were super for going out on deck. After I left the Steve Irwin in Hobart last September, I took my Surf-Fur with me and went to Mauritius to pick up the MY Bob Barker, a long range fast ice vessel. We took the MY Bob Barker down to Antarctica to stop the Japanese whaling fleet. All the Bob Barker crew was jealous of my Surf-Fur parka. You know, it takes at least 15 minutes to put on a dry suit and the action could be over before then. Meanwhile, I was out on deck in no time, part of all the action I wanted! We had the most successful campaign ever in the 2009/2010 whaling season so I was stoked to be a part of that. Be sure to watch *Whale Wars Season 3* as your Surf-Fur parka may be on TV. Thanks again!"

"We are getting close to ice diving time here in the Great Lakes. Yesterday, I did some quarry diving in Ohio. The air temperature was about 28° F and the water temp was 42° F. I was excited to take the Surf-Fur along and try it out on the dives we planned on. After the first dive, I was definitely chilled! I immediately put on the Surf-Fur after getting out of the water. Its size and fit made it very easy to get on even with frozen hands! I was very happy with how quick I was able to warm up and enjoy the surface interval even in the 28° weather. I expect this will be mandatory dive gear for my ice diving. What a great product!"

"I like my Surf-Fur so much that I wore it as a winter topcoat to and from work during the coldest and snowiest days in Dayton."

"I am always the warmest parent on the sidelines during my kid's soccer matches. My Surf-Fur is the envy of all the other parents."

"I like to say that the Surf Fur saved my life and the teams' life in the last two contests we had at Mission and Ventura. Especially at Ventura...the Surf Fur kept me from getting hypothermia."

"Everyone said it kept them super warm. On the cold days in the office some of the guys were wearing them at their desks because our office heater was broken."

"I got my very first dive parka last week, a Surf-Fur dive parka and wore it on a three tank boat dive and was able to stay warm and dry in Monterey the whole eight hours. The Surf-Fur dive parka is different from the others I have seen, it's a tight fleece that repels water from the outside while wicking away water on the inside from your suit. It has a huge hood, big deep pockets and is reversible. Because the outside and the inside are fleece, it's not restrictive like the other dive parkas. The following day I took it on a shore dive and found that sand doesn't get caught in it, it's easily shaken and the sand just falls off. Kept me warm and my car dry then, too. I really like it, and would definitely recommend it to my diving friends."

