



Safety - Buoyancy

SFT garments provide an additional safety feature for operating on or around bodies of water. The garments incorporate UL/ULC approved closed-cell foam that will provide additional buoyancy in water.

SFT garments insulate against cold weather and stretch during movement. They are ergonomically engineered to fit in all the right places and provide in-water buoyancy and thermal protection in the event of an accidental immersion.

A size L jacket wore with a size L bib pants provided an average of 16 lbs. of buoyancy versus the minimum of 15.5lbs USCG approved PFDs.



SFT™ Garments Use & Fitting Tips

What to Wear and When?

SFT™ Garments are made to wear in a wide range of temperatures. The following chart provides recommended layer combinations at different temperatures. The general rule is you do not need as much bulk and layers as with conventional insulated clothing.

What to Wear and When Chart

Centi-grade	Light Base Layer	Thermal Base Layer	Primary Layer	Element Layer	Fahrenheit
10C	X		X		50F
	X		X		40F
5C	X		X		32F
0C	X		X		23F
-5C		X	X		14F
		X	X	X	5F
-10C		X	X	X	
		X	X	X	
-15C		X	X	X	

Sizing Chart

Sizing Chart	Jacket (chest)	Bib Pants (waist)
X-Small	36	28
Small	38	30
Medium	40	32
Large	44	36
X-Large	48	40
2X-Large	52	44
3X-Large	56	48
4X-Large	60	52



Mastering the Elements.



A New Generation of Protective Technical Clothing for Sportsmen!

- Scent Blocking Advantage
- Dynamic Thermal Regulation for Comfort
- Excellent Thermal Retention when stationary
- Flux heat and moisture away from body when active

SFT™ Garments Change the way you **BREATHE!**



Contact Information: Phone: 800-728-0704 Fax: 888-728-0708

Apex Outdoor Innovations USA

1141 Ringwood Court, Suite 130
San Jose, CA 95131

www.ApexODI.com or www.smartfoamclothing.com

Printed in USA



Don't be fooled by the sleek fit of SFT garments. Because of breakthrough technologies, they not only have the cozy feel of fleece or soft-shell, but also superior comfort and toughness. Here's why:

- Smart Flux Thermoregulation (SFT)
- Ergonomic 3-Dimensional Design
- Light weight, soft and stretchable material

Superior Comfort

SFT™ Garments...CHANGE THE WAY YOU BREATHE!

The "breathability" of inferior fabrics can't compare to the amount of moisture and heat dispersed by SFT garments. Other garments "breathe" through micro-pores passively. SFT garments flux away heat and moisture actively.

Other products maintain a static balance between insulation and breathability. SFT garments, however, promotes comfort across a range of external temperatures, with flexible slits in the fabric that regulates heat exchange capacity according to the wearer's level of activity

Dynamic Thermal Regulation

SFT garments are engineered to adapt to extremes of outdoor activities. They retain body heat when needed, or disperse excessive heat and moisture away from the body.

The patented SFT technology allows perspiration and heat to escape from the garment through thousands of 1/8" apertures which expand during activity, or contract to retain body heat when stationary. The garment adjusts its fluxing of heat and perspiration dynamically according to the level of activity.

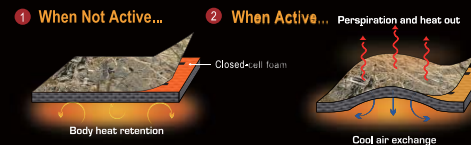


The greater the amount of activity, the greater the rate of perspiration evaporation and heat release. Need more ventilation? During periods of high activity, the zippered venting slots can be opened to increase rates of moisture evaporation and heat dispersal.



SmartFoam – The patented SFT technical fabric

SmartFoam incorporates UL/ULC approved closed-cell foam as the key component to create the dynamic thermal regulation on land and buoyancy in water. It actively FLUXES away excess heat & moisture through the internal slits as the body moves. The SFT technology optimizes physical comfort and widens the comfort range on land and in marine environments.



SmartFoam has thousands of 1/8" slits that open and close with body movement. This mechanical action drives the moist internal air through the garment and away from the body. But when the wearer is stationary, SmartFoam slits reseal to preserve body heat and the insulating foam becomes a barrier to external cold.



For extra protection, SFT surface fabrics are specially treated for resistance to water, wind and abrasion. The materials used in SFT garments stand up to contact with briars, branches, tree bark and rough ground with greater durability than materials used in the outer shell layers of competitive products.

Ergonomic Flexibility and Agility

The leading-edge technology of thin insulation layers allows maximum activity and minimum constraint. Ergonomically designed, the 3-Dimensional features are found in every critical point of the garment to enhance mobility and agility. Curves of knees and elbows are skillfully articulated, and materials stretch for optimum flex and comfort.

Dominus' slim-fitting styles permit freer movement and less pull. If you are seeking the sleeker appearance of modern athletic apparel, for mountaineering outerwear and ski clothing, Dominus delivers on good looks too, without the stiffness of old technology.

SFT garments have flat stitched seams, so there are no internal ridges to cause abrasion or discomfort. The directional stretch of every component is carefully designed so that arms, shoulders and trunk stretch the way you do. The garment provides amazing freedom of movement, but it's fitted and not bulky.



Light Weight with High Warmth Retention

With their superior thermal protective properties SFT garments enable sportsmen and women to hunt, fish or boat in much lighter, more agile and more comfortable clothing. They perform in a wider range of external temperatures without excessive bulk or weight.

SFT jackets are 40% lighter and the pants 20% lighter than competitive garments, but provide a much better warmth-to-weight ratio.

- Easier movement
- Not as bulky as garments at comparable prices
- Less bulk means less noise in the field
- Reduces fatigue

Scent Masking/Blocking Advantage

Field tests indicate that the garment masks human scent which could be detected by animals. Independent lab tests should confirm these results.

The closed-cell foam fabric is a scent barrier when the slits are closed when the hunters are stationary.