

# Technical Glossary

Learn more about our outerwear with fabric, construction and benefit descriptions.

## Articulation

Darts, pleats and the like at stress points that reduce wear and increase freedom of movement.

## Breathability

The capacity of a material to allow or block the passage of water vapor, keeping you warm, dry and comfortable.

## Cashmere

A soft, silky wool spun from fine cashmere goat hairs; light but strong, and used to make extremely fine woolen goods.

## Down Insulation

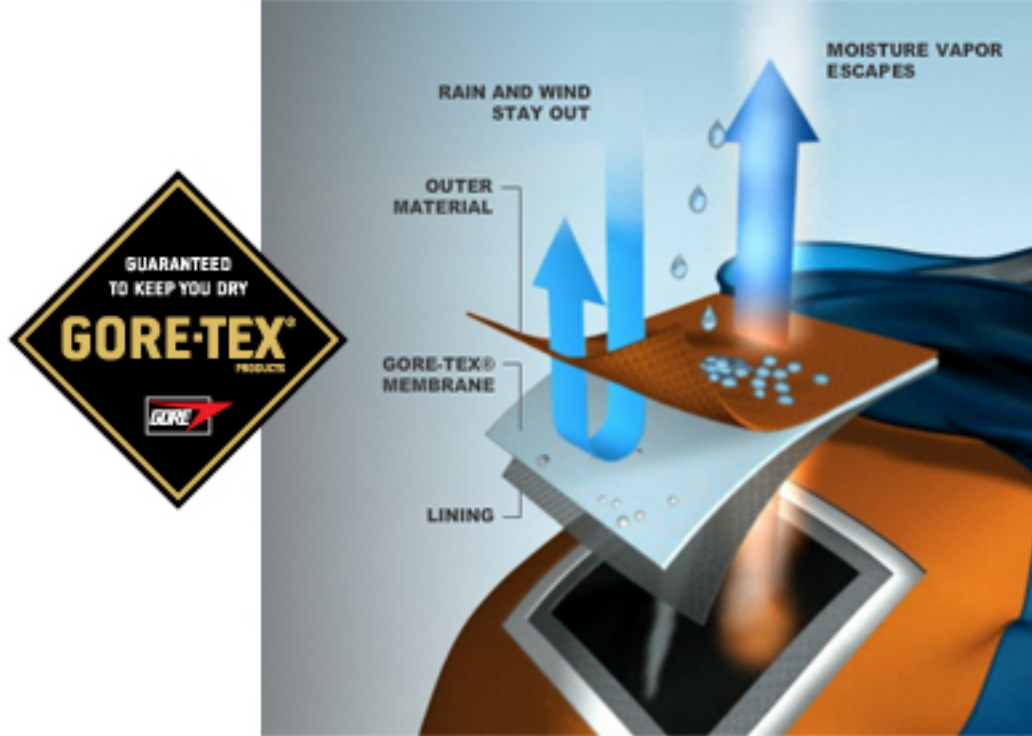
Natural insulation for birds – the fine, fluffy feathers beneath tough exterior feathers; lofty down feathers create tiny air pockets that trap heat very efficiently. Down is lightweight and highly compressible, and down-filled items can be packed into a very small space. Down should always be washed, not dry cleaned. Use soap (not detergent), cool water and gentle agitation. Tumble dry on low heat and throw a clean tennis ball in the dryer to break up clumps of wet feathers.

## Fleece

A knit synthetic fabric known for warmth, softness and light weight; doesn't absorb water and dries quickly; most outerwear fleece is also treated with a water-resistant finish for even more protection.

## Gore-Tex

A combination synthetic membrane and high-performance textile that keeps water out yet allows perspiration and vapor to pass through from the inside. Waterproof, windproof and breathable.



## Grow Cuffs

An extra 1½" of fabric is hidden in the cuffs of our infants' and toddlers' outerwear to accommodate growth spurts – just pull away seams to expand.



## Gusset

A shaped fabric insert that increases range of movement and reduces fabric stress; usually located where two seams join.

## H2Off DX

An L.L.Bean-exclusive microfiber polyester fabric designed to keep you dry and compactly woven to feel like a natural fiber; waterproof, windproof and breathable.

## Microfiber

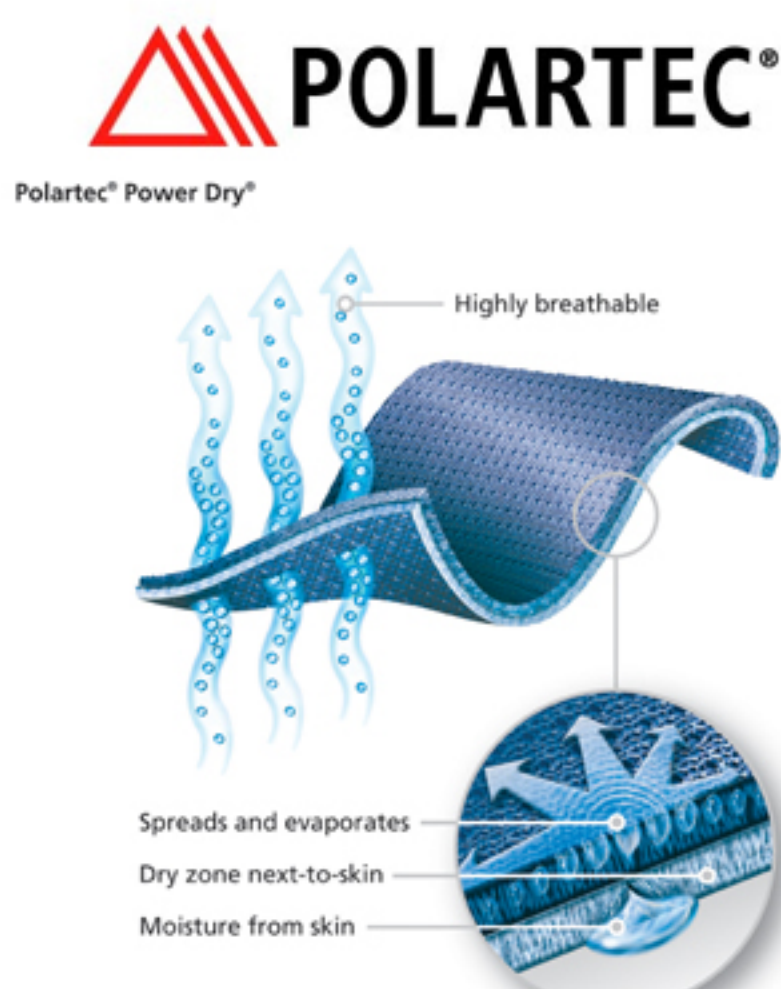
Fabric made from extremely fine fibers; wind resistant, water repellent, strong, smooth and light.

## Pit-Zips

Adjustable underarm zippered vents that release perspiration vapor to keep wearer dry and warm.

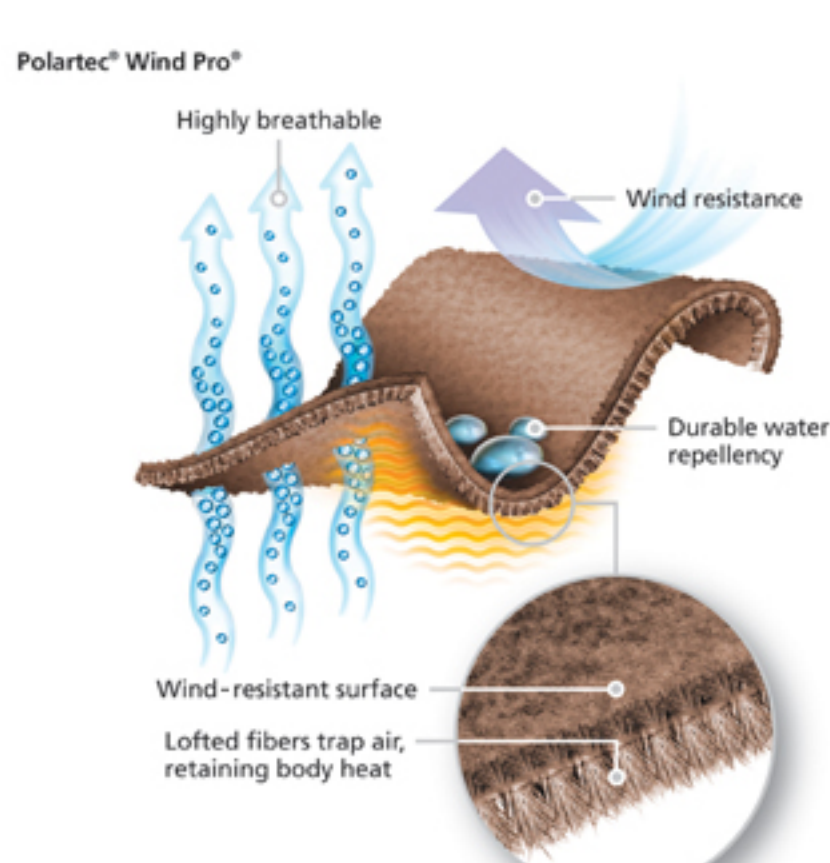
## Polartec Power Dry

Base-layer knit fabrics featuring two different surfaces – one that moves moisture away from the skin, one that dries quickly; comfortable against the skin and good protection from the sun.



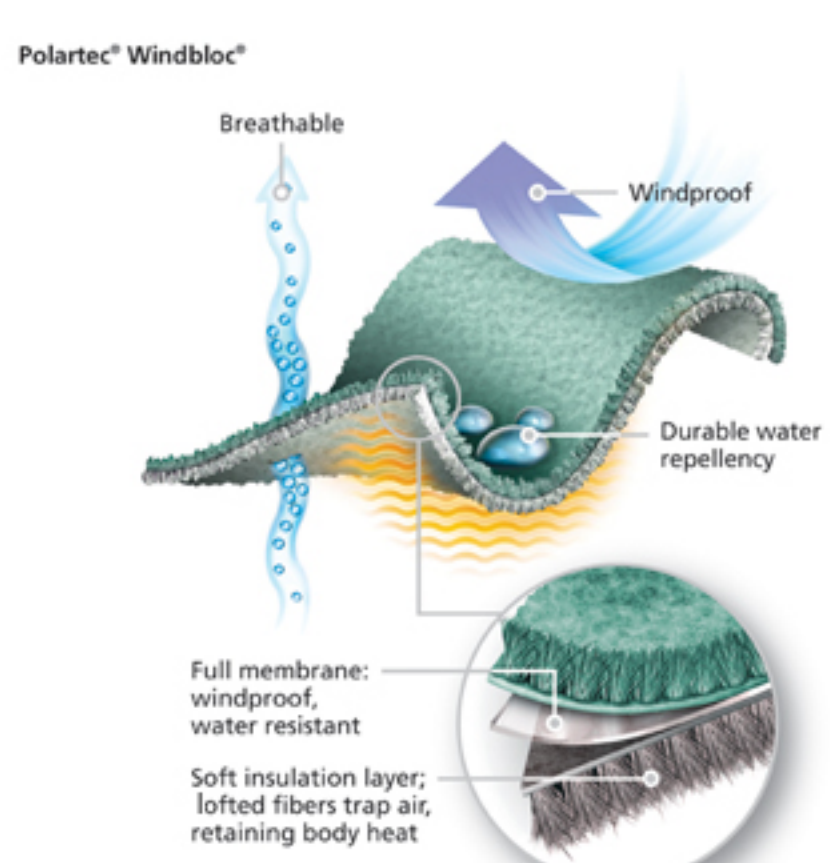
## Polartec WindPro

A breathable fabric that is four times more wind resistant than traditional fleece, thanks to a very-tight construction of yarns; water-repellent surface sheds rain and snow.



## Polartec WindBloc

Completely windproof and water repellent fabric that provides weather protection in severe cold without adding extra weight.



## Primaloft Insulation

Microfiber polyester insulation that is easily compressible and treated to be water repellent for virtually no water retention when wet.

## Synthetic Insulation

Insulation that doesn't absorb moisture and retains its insulating ability in wet conditions.

## Silk

A strong, durable and absorbent fabric despite its light and fine appearance. The highest warmth-to-weight ratio of any natural fiber. Light and cool in hot weather but a great insulator in the cold.

## Ripstop

A woven fabric with heavier yarns regularly spaced in both directions to add strength and tear resistance.

## Synthetic Insulation

Insulation that doesn't absorb moisture and retains its insulating ability in wet conditions.

## Silk

A strong, durable and absorbent fabric despite its light and fine appearance; has the highest warmth-to-weight ratio of any natural fiber; light and cool in hot weather yet a great insulator in the cold.

## Soft Shell

Innovative two-layer performance fabric that bonds a highly wind- and water-resistant shell bonded to a soft and warm interior layer; an ideal outer layer for most cool-weather activities.

## Storm Flap

Flap of fabric that covers the zipper; keeping cold and wet weather out and body heat in.

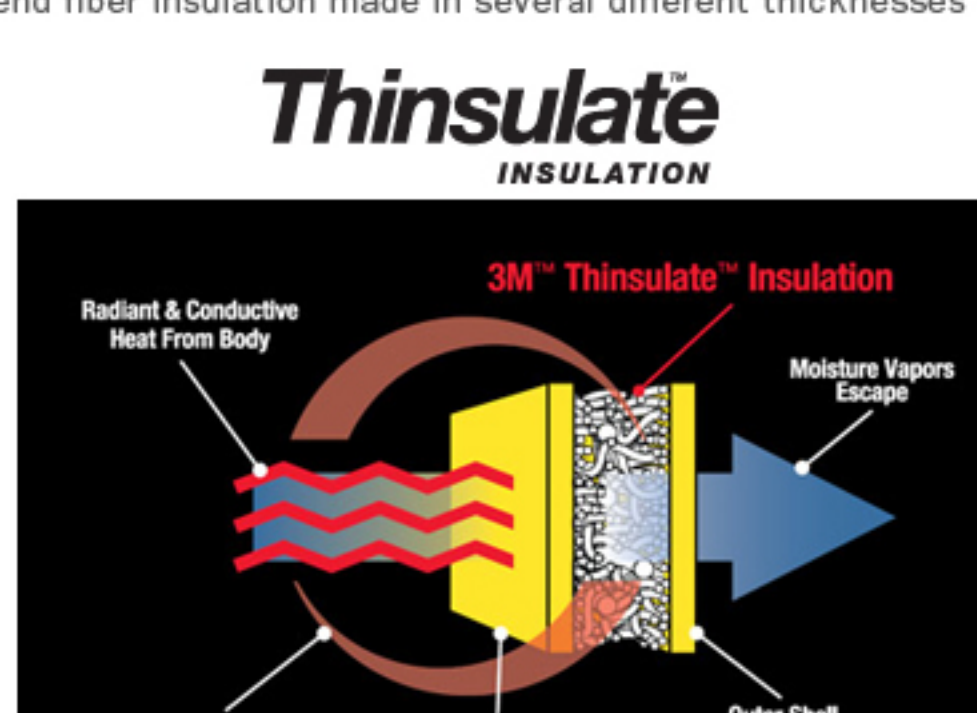
## TEK Waterproof System Fabric

L.L.Bean's own waterproof system – two layers of waterproof, breathable fabric and a third layer of protection; uses a coating or laminate to protect the breathable fabric without adding weight.



## Thinsulate Insulation

A polyester/olefin blend fiber insulation made in several different thicknesses by 3M; designed to dry quickly when wet.



## 3-in-1 Jacket System

Outerwear designed to adapt to changing weather and made up of two pieces that can each be worn separately or zipped together for complete coverage.



## Waterproof

Resists water penetration indefinitely; water beads on the surface of fabric instead of saturating it.

## Water Resistant

Repels moisture naturally (as with wool) or features a special coating to bead light to moderate precipitation; not completely waterproof in extreme conditions.

## Wicking

A fabric's ability to pull perspiration away from the skin and move it to other clothing layers or to the surface of the fabric where it can evaporate.