shift materials - Everything you need to know about down Written By Manahil Munim

THE LOCK WHAT IT SHIMM 相极制件 獨為潛門 Miletizano di Anto a di Maria a Maria As winter season approaches, you'll easily find round-ups of the best puffers of the season on any corner of the internet. Often comparing different price points, silhouettes, and colours, what's almost always considered is the material – down. Depending on where you live, a down jacket is either bought simply for style or

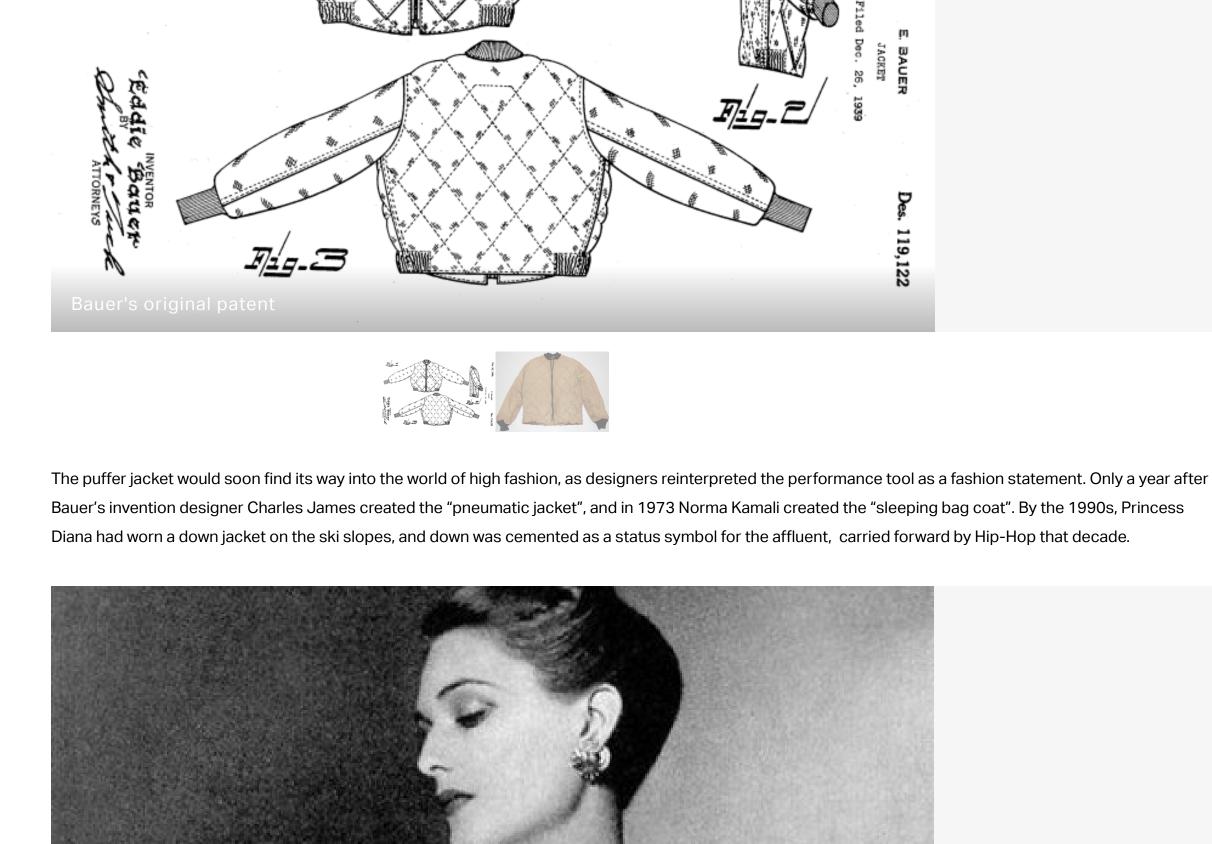
The use of down can be traced back thousands of years to Indigenous Peoples who have used goose down as insulation for generations. One of the first down

puffer jackets however, is known to have been created by an Australian chemist and mountaineer, George Finch. His "eiderdown coat" was intended for explorers



because it serves as one of the warmest pieces in your wardrobe.

attempting to climb Mount Everest, who had previously been using wool and tweed for warmth.







Down

Cluster



The stitch-through construction method can be produced in far less time, however in this method, the lining and the shell are sewn together to create separate baffles, which leaves certain areas pinched and exposed to cold air. The versatility and unparalleled performance of down has enabled the material to see success on both runways and mountaintops. Warmth, weight, and comfort are just a few of the reasons consumers are quick to neglect the high price point and opt for a down-filled coat.

While understanding the physical make-up of a down jacket is important, another layer to think about is the source of the down itself. Regions with a significantly

Much of the controversy around down fill comes from animal cruelty groups like PETA. Due to the increasing demand for low-cost down jackets, the supply chain

has become convoluted to the point where much of the down in the industry is reportedly sourced from live plucking, a process done without anesthetic. In most

cases, whether a bird is slaughtered before, during the process or as a result of it, down is a product of cruelty. A process similar to the mining of 'blood' diamonds,

despite guarantees and organizations built for purpose, most 'ethical' down is still sourced using the methods as contractors sub-contract to cheaper producers.

When made responsibly and worn for its intended purpose, we love a down jacket at shift. But we also urge consumers to take more responsibility over purchasing

choices and look into getting the right jacket for your needs- It's worth considering whether you really need a down ski jacket for the 3 minutes outside your car.

cold climate, including Poland, Siberia, and Canada allow for a better goose farming environment as the geese have well-developed down. However, while

purchasing down from these regions might guarantee you a warm product, there is no guarantee that the down-removal process is an ethical one.

Box-baffle construction builds in horizontal chambers to hold the down in place. Although it is more complicated to produce and has a higher price-point, box-

baffle construction results in a warmer jacket as it allows for more loft and leaves fewer cold spots.

Downsides of Down

Matt & Nat: Vegan brand

Re:Down: Recycles used down and feathers

The North Face: Uses thermoBall insulated jackets made of synthetic balls Columbia: Uses proprietary synthetic down UNIQLO: Will collect used Ultra Light Down items from customers to be re-used

Alternative insulating technologies: Primloft (Patagonia), Thinsulate (Carhartt), Polartec (The North Face), Climashield (Arc'teryx)

Irezumi and Tebori - The Tattoos In conversation with Jojo's General Store of the Yakuza

Below, we've outlined a few brands that offer vegan or synthetic materials in their winter coats that emulate down:

Find a list of brands below that offer vegan or synthetic materials that emulate down: