

SPRING / SUMMER 2022

Fabric Hard Facts

Active Knit

Double knitted fabric with superior stretch and recovery without the use of elastane fibers. A circular solution for your training wear.

- Origin: Japan
- 55% recycled polyester 45% polyester
- Weight 205 g/sqm
- Wicking finish
- Quick dry
- pH Pure™ treated
- Recyclable

Activist TreeMerino™

Optimal organic solution for the future. Softer than plain merino and with effective moisture management.

- Origin: Sweden
- 60% merino wool 20µ, 40% lyocell TENCEL™
- Weight: 170 g/sqm
- Mulesing free merino wool from Australia and South Africa, lyocell TENCEL™ from Lenzing in Austria (with EU Ecolabel)
- AME traceable program
- Nature Texx Plasma treated for easy care with less chemicals
- Wool and cellulosic based renewable fiber
- Softer than plain merino
- Vapor and moisture management
- Next-to-skin comfort
- Mechanical stretch
- Naturally odor free
- Made from renewable and biodegradable fibers
- Recyclable

Atmos Membrane™

Atmos Membrane™ is a hydrophilic membrane, not micro porous, and at the molecular-level moisture moves through the fabrics. The more moisture that is in circulation the greater the ability of the membrane to move moisture away from your body. With Atmos we are sure we have a membrane that delivers Houdini standards when it comes to high performance in an environmentally sustainable way, which no other membrane at the market can live up to. Atmos membrane™ is made from recyclable polyester.

Bluesign®

In our work to be as environmentally friendly as possible we have chosen to work with Bluesign®. Houdini as a company are a Bluesign®-partner and from now on, when we chose new suppliers, we make sure they are part of the Bluesign® standard. The basic idea behind the Bluesign® standard is to combine aspects of consumer safety, water and air emissions as well as occupational health in a single standard under the general objective of resource productivity. The Bluesign® standard guarantees that along the complete production chain, products only contain components and pass through processes, that are harmless to people and the environment. The Bluesign® standard considers all inputs, processes and technologies at their source.

Cham TreeMerino™

This light chambray material in Merino wool and Tencel® mix gives you superior comfort and softness. The natural properties of the materials provides a light and cooling comfort for hot days with superior moisture management, but still keeps you warm when it gets chilly.

- Origin: Taiwan
- 51% lyocell TENCEL™ 49% merino wool 18.9µm
- Weight: 188 g/sqm
- Mulesing free merino wool from Australia, lyocell TENCEL™ from Lenzing in Austria (with EU Ecolabel)
- Natural vapor and moisture management
- Softer than plain merino
- Next-to-skin comfort
- Light and soft material
- Naturally odor free
- Made from renewable and biodegradable fibers
- Recyclable

C9 Ripstop™

Ultralight yet durable woven fabric with fantastic breathability and next-to-skin comfort.

- Origin: Japan
- 100% recycled polyester
- Weight: 65 g/sqm
- Excellent air permeability
- Soft next-to-skin comfort
- Dull and silent surface
- DWR finish – Fluorocarbon-free
- Recyclable

Econ Stretch™

Soft, supple and quick drying microfiber stretchfleece insulation with a smooth jersey face.

- Origin: Italy
- 94% recycled polyester, 6% elastane
- Weight: 250 g/sqm

- Excellent warmth-to-weight ratio
- Moisture management
- 4-way stretch
- Microfleece inside
- Jersey face
- Bluesign® certified

Emergency 3L

Our lightest shell layer. This 3L shell is constructed to have ultimate performance of a waterproof breathable layer, with the lightness and comfort of a 1L. Packable to come along to all adventures.

- Origin: Japan
- Face: 100% recycled polyester jersey
- Atmos™, 100% polyester membrane
- Back: 100% recycled polyester tricot
- Weight: 71 g/sqm
- Breathability: 46,000 g/m²Y24 hrs
- Waterproofness: 20,000 mm H₂O or higher
- DWR finish – Fluorocarbon-free

Flux Weave

A unique fabric with all the benefits of a synthetic performance fabric: It is light, stretchy, quick-drying and very tough. But it also has the touch and feel of a natural fabric: A living structure, softness and pleasant breathability.

- Origin: Japan
- 85% recycled polyester 15% polyester
- Weight: 160 g/sqm
- Wicking finish
- Quick dry
- Linen touch spun polyester
- Recyclable

Immix Twill

Light yet highly durable polyester fabric with mechanical stretch. Perfect for garments where you need a tough fabric that can take a lot of wear and tear.

- Origin: Taiwan
- 75% recycled polyester 25% polyester
- Weight: 182 g/sqm
- Wicking finish
- Quick dry
- Mechanical stretch
- Bluesign® certified
- Recyclable

Liquid Rock™

Ultralight yet extremely durable quick-drying stretch woven with fantastic breathability and cotton-like comfort.

- Origin: Taiwan
- 56% polyamide, 38% recycled polyamide, 7% elastane
- Weight: 107 g/sqm
- 2-way stretch
- Durable high density weave

- Peached finish with dull face
- Soft next to skin comfort
- Excellent air permeability
- Quick dry
- Bluesign® certified

Loop Hardshell™

A durable fabric with mechanical stretch for high comfort. Tough and silent with a dull and smooth face. Waterproof, breathable, ripstop construction with good abrasion resistance.

- Origin: Japan
- Face: 70% recycled polyester, 30% polyester fabric
- Atmos™, 100% Polyester membrane
- Back: 100% polyester jersey fabric
- Weight: 169g/sqm
- Breathability: 20,000 g/m²Y24 hrs
- Waterproofness: 20,000 mm H₂O or higher
- High density fibers for high durability
- Mechanical 2-way stretch
- DWR finish, Fluorocarbon-Free
- Bluesign® certified

Metropolis Action Twill™

Soft and durable stretch twill with fantastic breathability, denim-look and cotton-like comfort.

- Origin: Taiwan
- 68% polyamide, 28% recycled polyester, 4% elastane
- Weight: 196 g/sqm
- 2-way stretch
- High density weave
- Peached finish with matte face
- Soft next-to-skin comfort
- Bluesign® certified

Metropolis Stretch Twill™

Lightweight yet durable quick-drying stretch woven with fantastic breathability and cotton-like comfort.

- Origin: Japan
- 41% EcoCircle® recycled polyester, 38% polyester, 21% PTT stretch polyester
- Weight: 180 g/sqm
- 2-way stretch
- High density weave
- Peached finish with dull face
- Soft next to skin comfort
- Excellent air permeability
- Quick dry
- Recyclable

SPRING / SUMMER 2022 FABRIC HARD FACTS

Mission Hardshell

Waterproof and breathable 2,5L hardshell. A highly durable fabric that will keep you dry in any weather. Treated with a fluorocarbon free water repellent.

- Origin: Japan
- 100% recycled polyester
- Atmos™, 100% Polyester membrane
- Weight: 165 g/sqm
- Breathability; 20,000 g/m²Y24 hrs
- Waterproofness: 20,000 mm H₂O or higher
- High durability
- DWR finish – Fluorocarbon-free
- Bluesign® certified
- Recyclable

Motion Comfortshell™

Durable, yet lightweight and quickdrying softshell. Water repellent and soft next-to-skin.

- Origin: Japan
- 75% recycled polyester 25% polyester
- Weight: 225 g/sqm
- 2-way stretch
- Durable high density face
- Good balance between wind resistance and air permeability
- Non-membrane
- Soft twill construction inside
- Moisture management performance
- DWR finish – Fluorocarbon-free
- Recyclable

Octa C9 Softshell

This new softshell material is the perfect combination of protection and permeability. Teijin OCTA fibers provides the optimal fiber cross-section for superior moisture transport and lightness.

- Origin: Japan
- Face: 100% recycled polyester
- Back: 57% recycled polyester, 43% polyester
- Weight: 150 g/sqm
- Wind resistant but still some air permeability
- Rapid moisture absorption
- Quick drying
- Excellent moisture transportation
- Good insulation
- DWR finish – Fluorocarbon-free
- Recyclable

pH pure™

In perfect balance with your skin. Just like your skin, the pH level of our treated products are slightly acidic. Low pH-value results in an environment that prevents

odor-causing bacteria. In partnership with your skin our products will stay fresh, selectively controlling bacterial growth causing odors and skin irritation while promoting beneficial bacteria. Durable, sustainable performance added at fiber level that won't get washed out. Making sure you stay fresh in a natural way.

Polartec® Power Air Light

A new light fabric construction where fibers that trap warm air is encapsulated in small pockets. This creates a wonderfully warm and breathable fleece jacket that shed a fraction of the microplastic compared to a normal fleece. Light, durable and warming.

- Origin: USA
- Weight: 268 g/sqm
- 73% recycled polyester 27% elastomultiester
- 4-way stretch
- Insulating air capsulating technology
- Bluesign® certified
- Recyclable

Polartec® Power Stretch Pro®

Soft and supple microfiber stretch fleece insulation with an instant dry feeling and a jersey face with superior durability.

- Origin: Italy
- 57% polyester, 33% polyamide, 10% elastane
- Weight: 246 g/sqm
- Excellent breathability
- Active moisture management
- Quick dry bi-component construction
- Wicking microfleece inside
- 4-way stretch
- Durable polyamide face
- Bluesign® certified

Polartec® Power Stretch Pro® Light

Soft and supple microfiber stretch fleece insulation with an instant dry feeling and a jersey face with superior durability.

- Origin: Italy
- 59% polyester, 33% polyamide, 8% elastane
- Weight: 170 g/sqm
- Excellent breathability
- Active moisture management
- Quick dry bi-component construction
- Wicking microfleece inside
- 4-way stretch
- Durable polyamide face
- Bluesign® certified

Prime Ripstop™

Durable ripstop construction with mechanical stretch.

This fabric has the perfect combination between air permeability and wind resistance.

- Origin: Taiwan
- 62% polyester 38% recycled polyester
- Weight: 177 g/sqm
- Ripstop
- Mechanical stretch
- Soft hand
- DWR finish – Fluorocarbon-free
- Bluesign® certified
- Recyclable

Rise Ripstop™

Durable ripstop fabric with soft touch. Water repellent, highly wind resistant, ultralight and stowable.

- Origin: Japan
- 100% recycled polyamide
- Material from Pertex®
- 37g/sqm
- Highly wind resistant
- Ultra light
- Ripstop construction
- DWR finish – Fluorocarbon-Free
- Bluesign® certified

Solid Merino™

The ultimate organic solution. Super fine merino wool knitted into a light and soft fabric for all type of adventures.

- Origin: Lithuania
- 100% merino wool 17,5 µm
- Mulesing free merino wool from Australia
- Weight: 150 g/sqm
- Vapor and moisture management
- Next-to-skin comfort
- Mechanical stretch
- Naturally odor free
- Made from renewable and biodegradable fibers
- GOTS certified
- Recyclable

Surpass 2.5-L Hardshell™

Supple, soft and silent stretch hardshell. Waterproof, breathable, lightweight and stowable.

- Origin: Japan
- 70% Eco Circle® recycled polyester, 30% polyester
- Atmos™, 100% polyester membrane
- Recyclable
- Weight: 113 g/sqm
- Breathability; 15,000 g/m²Y24 hrs
- Waterproofness: 20,000 mm H₂O or higher
- 2-way stretch
- Smooth and durable face

- Soft and silent surface
- DWR finish – Fluorocarbon-free

Wish Woven™

Super comfortable and soft fabric with quick drying and moisture management properties.

- Origin: Japan
- 70% recycled polyester 30% polyester
- 98 g/sqm
- Recyclable
- Quick drying
- 2-way stretch
- Soft touch
- Wicking finish
- Dull face

Woodland Jersey

100% TENCEL™ lyocell fabric made in Lenzig, Austria from sustainable sourced woodpulp. It has an incredibly soft touch, a smooth drape and cool feel against the skin on warm summer days.

- Origin: Italy
- 100% lyocell TENCEL™
- Weight: 165 g/sqm
- TENCEL™ from Lenzig in Austria (with EU Ecolabel)
- Soft next-to-skin
- Closed loop production process with minimal waste
- Superior moisture absorption
- Light and cool on body
- Made from renewable and biodegradable fibers
- Recyclable

Wooler GridMerino™

A new dimension of wool fabric combining super soft merino wool with a technical grid construction.

- Origin: Italy
- 100% merino wool 17,50µm
- Weight: 260 g/sqm
- Mulesing free merino wool from New Zealand
- ZQ traceable wool program
- Certified by EMAS (EU Eco-Management and Audit Scheme)
- Vapor and moisture management
- Next-to-skin comfort
- Mechanical stretch
- Naturally odor free
- Technical grid construction
- Warming fleece inside
- Made from renewable and biodegradable fibers
- Recyclable

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Wool Shell™

100% super fine merino wool in a durable woven construction. This fabric offers something beyond an ordinary shell layer.

- Origin: China
- 100% super fine merino wool, 16µm
- Mulesing free wool from Australia
- Patented unique fabric production process
- Durable woven construction
- Wind resistant by construction
- Made from renewable and biodegradable fibers
- Recyclable