

PRODUCT INNOVATION

# Moisture Management ... Anti-Odor Denim ... Improved Stretch ... Skin Friendly fibers

## Minotech Water Repellent fabric

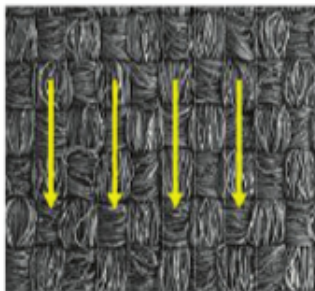
Minotech from Teijin Frontier Ltd. was inspired by the design of straw raincoats made in ancient Japan. It combines the usefulness of umbrella-quality fabric, the practicality of high-function wear and the attractiveness of a fashionable material.



Minotech water repellent trim by Teijin

Thanks to the material's micro-garter structure, tiny convex bulges reduce horizontal surface tension to enable raindrops to slip smoothly off the surface in a vertical direction. Minotech also has high moisture permeability due to its non-laminated structure, so it allows sweat vapor to

escape, keeping the inner surface dry and pleasant to touch.



Minotech micro-garter structure

### Physical properties:

- Repellent: Grade 4
- Durable (after 30 washes): Grade 3
- Pressure resistant: over 300mm

## "Dolly" Moisture Management fabric

This collection from Tianhai Athleisure Solution provides wool-like benefits but in a more skin-friendly fabric. Strong moisture absorbent performance draws moisture away from the body, while the fabric's tiny air pockets provide warmth and a fluffy hand feel. It has excellent in-

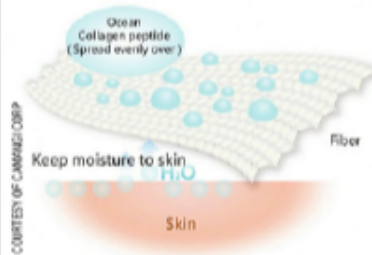


Dolly moisture management fabric from TAS

sulation properties for keeping the wearer warm in cold climates.

## Umorfil Beauty Fiber

Umorfil Beauty Fiber from Camangi Corp. (Taiwan) is a bionic fiber that contains amino acids that make it very gentle to the skin. The fiber combines collagen peptides (which originates from fish scales) with rayon fiber through a



### Skin-friendly Umorfil from Camangi Corp

technology known as supramolecular technology. The fiber provides moisture to the skin and has a silky-like sheen and a cashmere-like hand feel.

Because the properties are part of the fiber (not a coating on the fabric or yarn), they will not wash away like traditional textile finishes, and is completely bio-degradable.

Umorfil can be blended with Tencel, Modal, cotton, linen, silk, wool and a variety of synthetic fibers.

### Performance Properties:

- Thermoregulation
- UV protection
- Biodegradable
- Moisture Management
- Anti-static
- Deodorizing
- Good to sensitive skin

## Vflexition Denim

Vflexition is a solution from Mou Fung Denim that provides high level of comfort while maintaining the authentic look of denim.

Stretch weft yarn provides good stretch and recovery for mens jeans. The fabric looks rigid and heavy, but it is actually lightweight, comfortable and stretchable.



Vflexition Denim from Mou Fung

## Odor Management denim from Mou Fung

This denim uses the latest "Fresh Gear" technology from Hyosung to give it anti-odor performance.



Odor management denim from Mou Fung

## Two way stretch for activewear

The needle-punched effect from Tianhai Athleisure Solution gives this two-way stretch fabric a unique look. This fabric is ideal for activewear where garments must not only look good, they need to perform as well.



Two-way stretch activewear fabric from TAS