

UNIPES RELAX

QUIK COOL POLYESTER BY UNIPES RELAX, MOISTURE MANAGEMENT

Due to continuous escalating of cotton prices, demand for textile garments is shifting to polyester fiber. It accounts 1/4 of the world-wide fiber production.

However, main disadvantage of this fiber is;

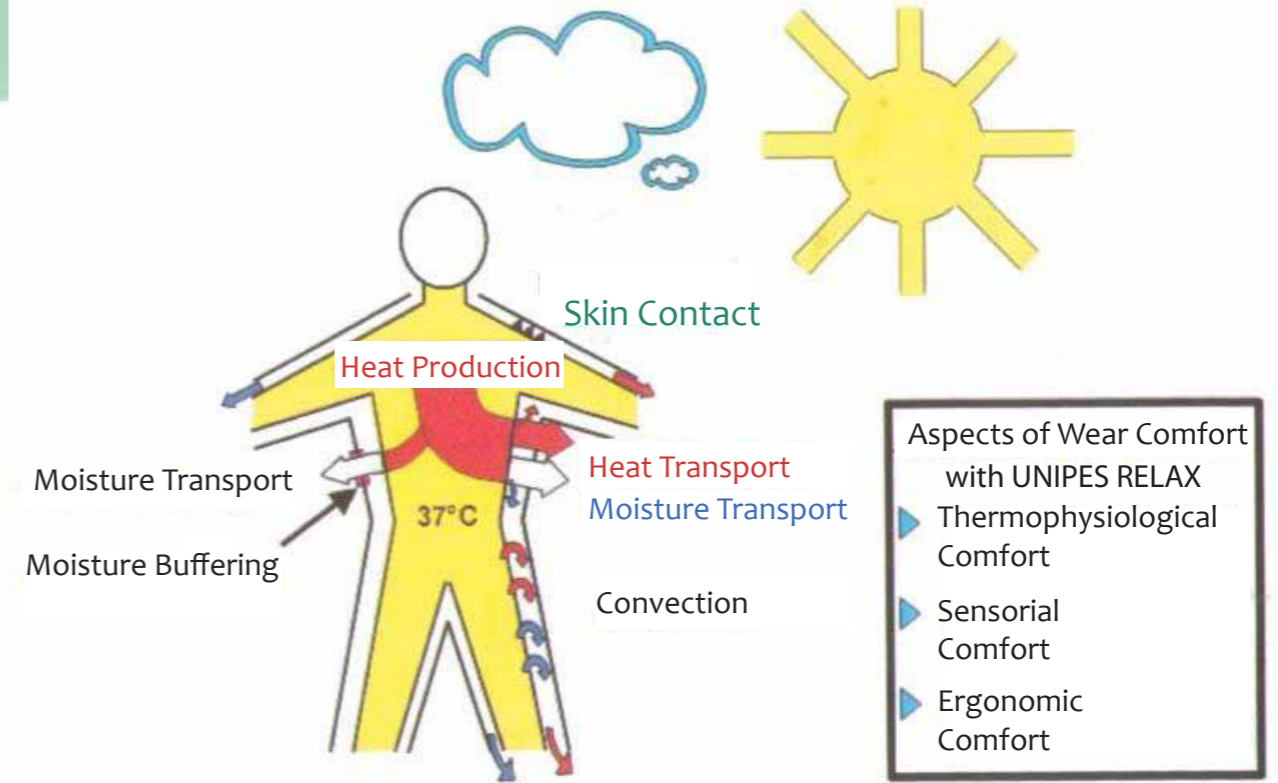
- Low moisture absorbtion,
- Low moisture transportation-wicking,

which reflects itself as reduced wear-comfort.

Our body has perfect air conditioning system. This sophisticated regulation keeps the body temperature at 37 °C. During hot weather conditions, to prevent body overheating which reduces performance and comfort, body releases moisture-sweat. Body gives;

- 60 ml of water vapor/h (ambient condition)
- 450 ml of water vapor/h (while walking)

Garment worn on our body should support this phenomena to transport generated sweat to external atmosphere.



In order to counteract the deficiency of polyester garments and advance wear comfort, EKSOY R/D developed,

UNIPES RELAX

to confer;

- hydrophilic properties and evaporation,
- cooling down properties,
- advance body performance,
- total wear comfort.

UNIPES RELAX is applied on polyester and polyester blended fiber, yarn, fabric and knits to manufacture,

- Sports and active wear,
- Bed linen,
- Automobile seat covers,
- Classical fashion garments.

It is applied, during

- Exhaust dyeing and finishing,
- Padding,
- Spraying,

Polymerized by drying over 160 °C.

UNIPES RELAX is advised for POLYAMIDE women Lingerie like corset to impart durable hydrofility but not softness.

UNIPES RELAX application amosunt;

Dye Bath

UNIPES RELAX 1 %

Exhaust, finish

UNIPES RELAX 2 %

Padder, finish

UNIPES RELAX 10 - 20 g/L



MOISTURE MANAGEMENT by

Unipes Relax