



QUIK_COOL

MOISTURE MANAGEMENT by

Unipes Relax



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 absorption,
- 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.