UNIQLO 2012—New Proposal for Functional Innerwear - Sarafine

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Situation this Summer in Japan

Situation surrounding electricity supply continues to be challenging

Strong heat and high humidity are expected again this summer



Conventional Wisdom in Summer

"Remove" clothes when it's hot



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A New "Conventional Wisdom" for Summer

"Put on" clothes when it's hot







Greater Comfort with Functional Innerwear

Wearing functional innerwear enhances comfort

UNIQLO offers functional innerwear Functionality that meets the differing needs of men and women



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Sarafine: the "Air Conditioning Innerwear" for Women

- Sarafine line offers highly functional innerwear designed to help women experience the perspiration-inducing summer season in comfort. <u>It</u> <u>meets the needs of women who want to be freed from the</u> <u>discomfort of perspiration and the chill factor of air conditioning.</u>
- Sarafine's high-tech textile combines Asahi Kasei's breathable "cupro" fibers and Toray's micro nylon. <u>The material uses cupro's ability to</u> <u>control perspiration and body heat to constantly maintain comfort</u> <u>under clothing.</u>
- The incorporation of micro nylon fibers creates a soft texture and a silky feel. <u>Many women value the feel of innerwear as highly as its</u> <u>functionality. UNIQLO has addressed this by delivering a gentler</u> <u>feel.</u>



Sarafine

Sarafine functionality



Three functions work together to deliver comfort all day long



Sarafine Ensures Comfort Even with Air Conditioning at 28°C

Even when air conditioning settings are raised to 28°C, Sarafine wearers will still feel cool because it takes heat away from the body surface and dissipates it!



The Serch for a Softer Feel

Softer feel! Offering customers a soft, soothing feel

The micro fibers were made 30% finer for a softer feel

Sarafine in 2012



Cross section of a human hair





Outdoor Temperature at 30°C with 60% Humidity

Moisture is cleared

Humidity is about 30% lower with Sarafine

Great Discomfort from Perspiration and Humidity

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Sarafine quickly absorbs large amounts of moisture (humidity) and perspiration

Sarafine removes moisture to give a refreshing feel!



Outdoor Temperature at 34°C with 40% Humidity – Indoor Temperature at 25°C

Wet with Perspiration

Sarafine combats the discomfort from perspiration when you cool down!

Air conditioning cools down clothing that has absorbed perspiration, chilling the body

Sarafine reduces body chill

Sarafine removes perspiration for silky comfort

Body temperature is about 0.3°C lower at lowest point with a conventional product versus Sarafine. Consequently, the conventional product feels uncomfortably cold and clammy.



A comparison of core body temperature after walking around outdoors in 34°C heat with 40% relative humidity for 15 minutes then stepping into a room at 25°C.

