

Xylitol kneaded rayon

# Refreal

Fresh and Cool Feeling with the Power of Xylitol



Innerwear



Socks



Bedclothes



Outerwear

## COOL With Xylitol Power...

### Goodbye to uncomfortable sweat.

When xylitol is bonded with water, it reacts by absorbing water and heat. Using this property, when a person sweats, xylitol kneaded into the cloth of Refreal absorbs water and heat, decreasing the cloth's temperature. That's why the user can have a cool and fresh feeling.

**Detects sweat and absorbs heat!**

### ◆ Fresh feeling mechanism



When xylitol bonds with water... → It absorbs heat.

## GENTLE Xylitol Power Is...

### Because it is comprised of natural material, it's safe for the skin.

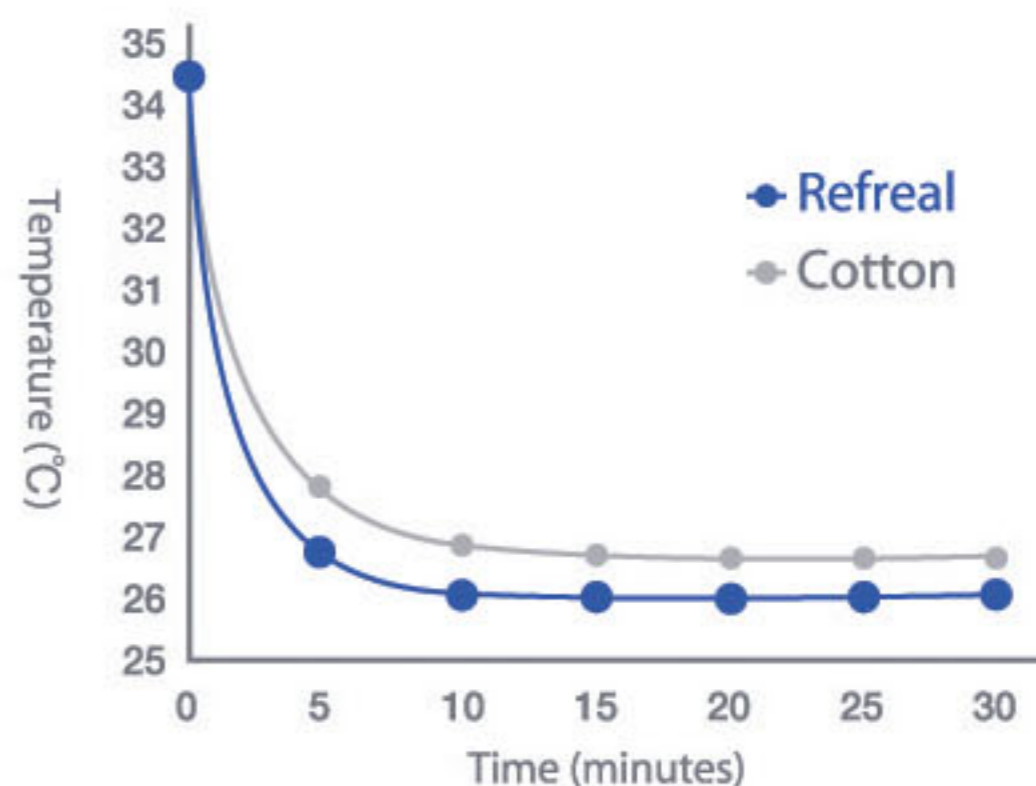
Xylitol is a natural raw material. Refreal is kneaded with highly safe xylitol that is added to various foods and medicines all over the world. It is a skin friendly material.

**Demonstrates water and heat absorption superior to cotton!**

※Test method

Sample is dried for 24 hours under 70 . Then, it was adjusted for 2 hours in an environmental chamber (35 x27%). The sample was folded in four and 0.5ml of distilled water was dropped onto the center. A sensor was attached to the center of the sample and temperature changes were measured over time.

### ◆ Water and heat absorption test



## LONG KEEP Xylitol Power Can...

### Maintaining its effect after washing.

Refreal is a rayon kneaded with specially processed xylitol using our unique technology. It has excellent durability when wash. Both its water and heat absorption and soft texture are stable and long lasting.

## ABOUT XYLITOL

Xylitol is a component contained in many fruits and vegetables. It is sweet but low in calories. As it also prevents cavities, xylitol is used for various foods as a natural sweetener, including candies, chewing gum and snacks.