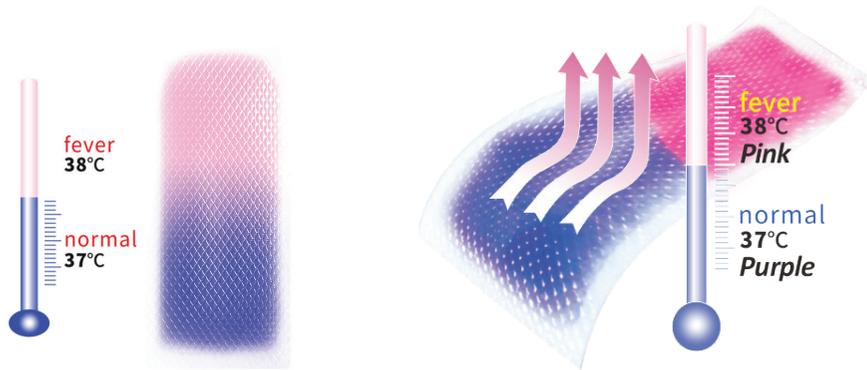


Biotechnology's Color Changing Cooling Gel Patch is composed of a non-woven back lining layer, a cooling hydrogel layer, and a polyethylene film top layer.



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Biotechnology Network NZ

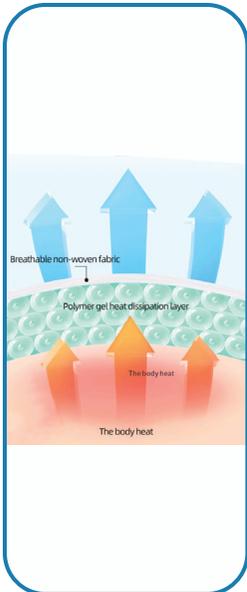
Color Changing Cooling Gel Patch



COLOR CHANGING COOLING GEL PATCH

Biotechnology Network NZ's Color Changing Cooling Gel Patch is carefully customised and manufactured as a powerful hydrogel patch used to effectively treat children's fever.

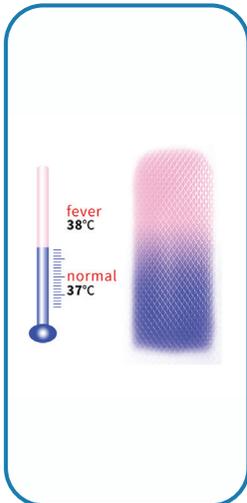
STRUCTURE & PERFORMANCE



Our Color Changing Cooling Gel Patch is composed of a hydrogel sheet, and a hydrophilic thin protective nonstick film that adheres to the skin and provides a powerful cooling effect lasting up to 10 hours. The patch works by drawing heat away quickly from the skin and vaporizing the water contained in the gel patch, providing a therapeutic hydrophilic cooling effect on the skin. A unique feature of our cooling patch is a 'smart color indicator' that tells you if your child has a fever or not. The patch will turn pink at temperatures $\geq 38^{\circ}\text{C}$ indicating a fever, and purple at temperatures $\leq 37^{\circ}\text{C}$ and lasts up to 10 hours. The patch also contains natural plant cooling extract which provides deeper penetration into the skin to enhance the cooling effect. This product contains no medicine so does not irritate the skin.

PRODUCT FEATURES

- ✓ Unique color changing feature allowing parents to easily monitor their child's temperature/fever.
- ✓ High viscosity and stickiness to ensure the patch adheres to areas of constant movement e.g., the neck and jaw.
- ✓ Long lasting effect for up to 10 hours.
- ✓ Uses biomaterial's largely consisting of natural plant extract offering cooling effects.
- ✓ Does not irritate the skin and leaves no residue upon removal.
- ✓ Fancy and fun, children love these colorful patches.



THIS PRODUCT CAN EFFECTIVELY RELIEVE THE FOLLOWING SYMPTOMS

- ✓ Children suffering from high temperature and fevers.
- ✓ Adults suffering from severe headaches and migraines.
- ✓ Adults and children suffering from toothache, nasal congestion, and annoyance.
- ✓ Skin and muscle pain: strong cooling effect quickly relieving pain and overheating.
- ✓ Localised pain: Can be applied to relieve localised pain, tiredness and sleepiness.



PRODUCT INSTRUCTIONS

- ✓ Remove transparent film and apply cooling gel patch to the forehead, neck, or body part requiring cooling and cold compression.
- ✓ Patch can be cut to size prior to removing transparent film.
- ✓ Use only on closed skin soft tissue.
- ✓ If the patch causes skin irritation, remove immediately.
- ✓ Store in a cool, dry place and out of direct sunlight.

CONTRAINDICATIONS

- ✓ Avoid using on open wounds, eyes, areas of eczema, dermatitis and other skin abnormalities.
- ✓ Do not eat, children are advised to use under adult supervision.
- ✓ This is a non-drug product used for auxiliary cooling. If fever/temperature does not subside please see a medical professional.

