

GNT COOL+

About

GNT COOL+ incorporates feel-cool jade powder into the fibers to enable heat transfer and provide a cool feel upon contact.

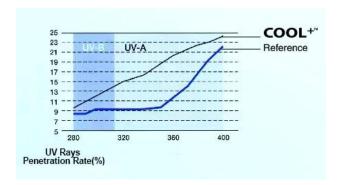
The fibers are internally provided with jade cold element crystal which could slowly absorb heat and quickly dissipate heat and then give you a cool feeling upon contact with it. Meanwhile, the function of fast heat dissipation could more quickly lower body temperature to realize cooling effect.

This cold element crystal inside fibers could absorb and reflect ultraviolet lights to protect your skin from harm and achieve a good anti-UV effect.

O Cool Feeling

As **GNT COOL+** has a permanent cooling effect, you will have a cool feeling for a long time.

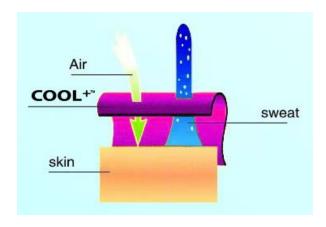
Test items	Test results			To at we allow a
	Cotton	Cool fiber	Moisture absorption and fast drying (Coolmax)	Test method
Average temperature (°C)	32.05	29.60	31.64	ASTM D7024–2004 (Modify) Heat flow change (W–in2): 200 Test duration: 10 mins Ambient temperature: 28°C



• Water Absorption and Fast Drying

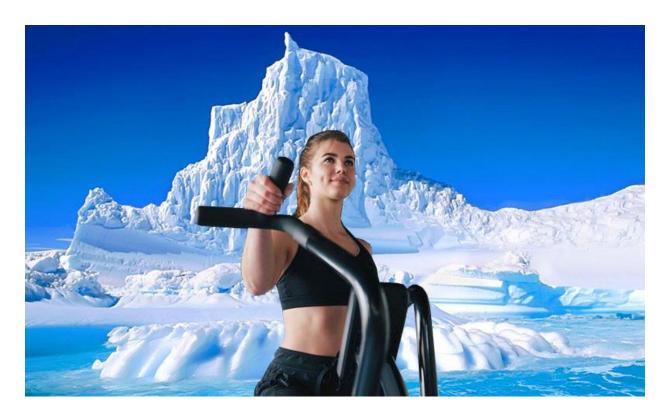
With special construction, the fibers could be able to fast absorb sweats to give people a comfortable feel.

Grooves inside fibers could quickly absorb sweat on the skin and then evaporate it fast to give you a dry and comfortable feeling.



• New Concept & New Material for the Textile

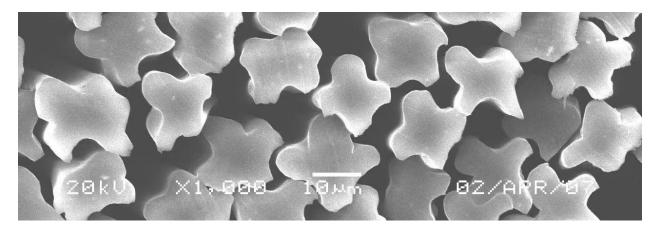
This special technology that uses jade powder to control the fiber cross-section makes it possible to pull the sweat away from the body to the outer layer of fabric by the capillary effect. The surface area can evaporate the sweat very quickly.



• Why Jade Powder?

Crushed jade particles maintain the coolest temperature and, alongside other technological enhancements made to the fabric, pull sweat away from the body. The fabric dries quickly, creating a refreshing cooling sensation.

Jade stone can absorb the elements of hot and cold, which makes it special.



Test Report

TEST REPORT

Number: SHAT07762180

Tests Conducted (As Requested By The Applicant)

1 Cool Feeling Test (JIS L 1927:2020):

As Received Instant Cool Feeling q-max (W/cm²)

0.189

Remark: 1. Temperature Difference ΔT: 10°C

- Top Plate: 30.0°C
 Water Box: 20.0°C
- 4. Sample Surface Tested: Skin Contact Side
- 5. Conditioning: Temperature of 20°C±2°C and Relative Humidity of 65±4% RH

End of Report

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TEST CONDUCTED (AS REQUESTED BY THE APPLICANT)

1. Wicking Test

AATCC TM197-2022

Original

Wicking Rate.
Warp (mm/sec) 0.042
Weft (mm/sec) 0.039
Warp 75mm @ 30min
Weft 70mm @ 30min

After 1 Dry Clean

Wicking Rate.

Warp (mm/sec) 0.039
Weft (mm/sec) 0.034
Warp 70mm @ 30min
Weft 62mm @ 30min

REMARK:

Dryclean Condition: Commercial Dry Cleaning In Perchloroethylene

- This test method has been applied as per applicant's request.

END OF THE TEST REPORT

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Application



Suit Lining



Casual Wear



Sports Wear



Fitness Wear



Leisure Wear



Outdoor Wear



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