



# LOW IMPACT

PRODUCED BY ECOFIBRE ADVANCED TECHNOLOGIES

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H O N E Y C O M B  <sup>TM</sup>

ADVANCED SOLUTIONS FOR PREMIUM BRANDS  
[www.lowimpact.technology](http://www.lowimpact.technology)

## Graphene + Gold

HoneyCombX is a patented and trademarked Graphene textile technology that is hardwearing and built for the extremes.

We've partnered with a trusted USA source to create a superior **single layer graphene** product that has been optimized for textiles while ensuring an authentic product and consistent quality.



## Marketable Claims

**Powerful  
Thermoregulation**

**100% Visible  
Supply Chain**

**Extreme Durability**

**Bacteriostatic &  
Odor Reduction**

**UV Protection**

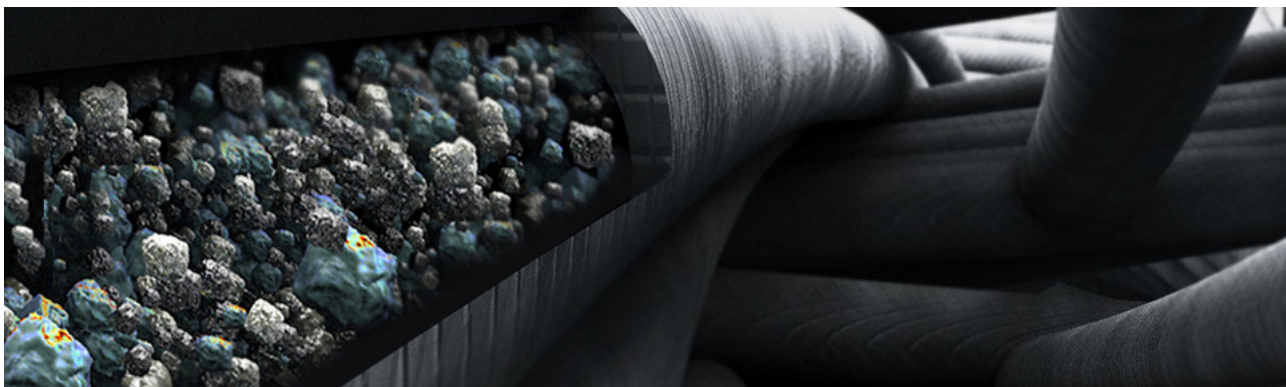
*10 - 50+ UPF Rating  
Fabric Construction Permitting*

# Test Results

## Heat Retention Test

<b>TIME (minutes)</b>	<b>CONTROL (temperature C°)</b>	<b>HONEYCOMBX (temperature C°)</b>
0	20.02	20.00
10	41.97	46.90
20	45.85	51.58
30	48.13	54.29

<b>ITEM</b>	<b>WARMTH % INCREASE</b>
CONTROL SAMPLE	9.2
HONEYCOMBX SAMPLE	11.0



*\*RESULTS MAY VARY DUE TO FABRIC CONSTRUCTION AND COMPOSITION.*

# Test Results

## Bacteriostatic Test

Industry standard tests showed over 99% bacteria reduction for HoneyCombX.

As a carbon based formula, HoneyCombX helps to aid in the reduction of bacterial growth, and is the cheaper alternative to silver and copper.

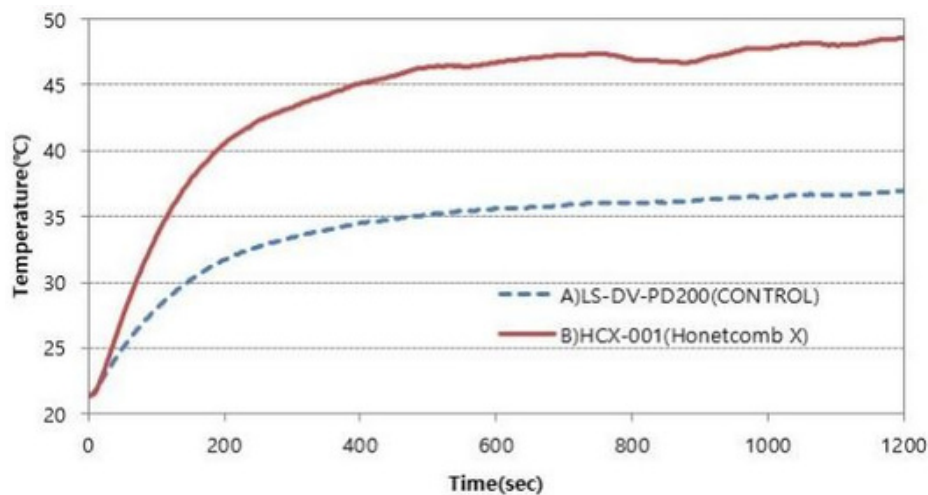
### JIS L 1902:2015 Test Report

13335 HoneyCombX 0x wash\*

		Control - log C <sub>0</sub>	Control - log C <sub>t</sub>	Growth Value of Control (F)	
Fabric Control		5.4	7.8	2.4	
Sample - log T <sub>0</sub>	Sample - log T <sub>t</sub>	Growth Value of Sample (G)	Antibacterial Activity Value (A)	Log Reduction	Percent Reduction
5.4	5.4	0.0	2.4	2.4	99.6

## Thermal Transmittance; clo test

ASTM D1518:2014



ITEM	RESULTS
CONTROL	0.29
HONEYCOMBX	0.36

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