



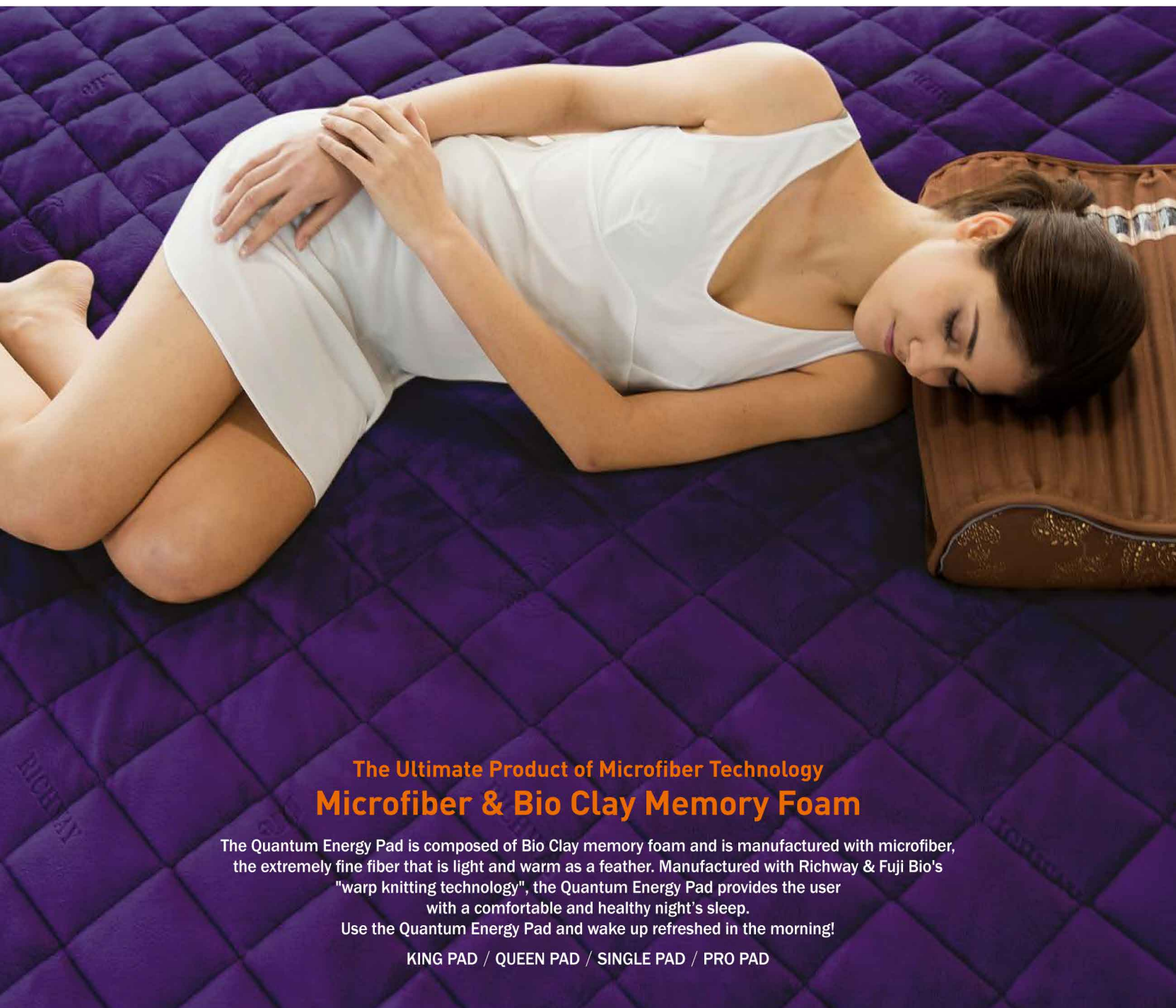
**RICHWAY**

**BioMat.com**

Connecting YOU to World-Class  
Innovations and Nature's Healing Power

# **QUANTUM ENERGY PAD®**

**SOFT & COZY**



## **The Ultimate Product of Microfiber Technology Microfiber & Bio Clay Memory Foam**

The Quantum Energy Pad is composed of Bio Clay memory foam and is manufactured with microfiber, the extremely fine fiber that is light and warm as a feather. Manufactured with Richway & Fuji Bio's "warp knitting technology", the Quantum Energy Pad provides the user with a comfortable and healthy night's sleep.

Use the Quantum Energy Pad and wake up refreshed in the morning!

KING PAD / QUEEN PAD / SINGLE PAD / PRO PAD

THE  
RICHWAY  
GROUP

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Convenient, Easy to Use, Anytime, Anywhere

# QUANTUM ENERGY PAD®

**T**he new and improved Quantum Energy Pad is designed to bring additional comfort to Biomat users. The fabric is soft, smooth, and easy to clean. It is made up of 3 layers which synergistically work together for a good night's sleep.

► **TOCA** - Our tourmaline embedded fabric is designed and made by Richway & Fuji Bio. Laboratory tests have shown the fabric produces approximately 2,146 ions per cubic centimeter of negative ions.

► **QUANTUM ENERGY FABRIC** - This special fabric is made of organic substances from peach and grape seeds.

► **BIO CLAY MEMORY FOAM** - This special foam contains ochre, which has anti-microbial enzymes that do not promote the growth of bacteria.

## CHARACTERISTICS OF THE QUANTUM ENERGY PAD

### SUPERIOR USER SATISFACTION

This product will give superior results when used in combination with your Biomat. The Quantum Energy Pad can play the role as a bridge between the medical industry and the bedding industry. The power of the Quantum Energy Pad, combined with Richway & Fuji Bio's new material processing technology and new comfort system, will bring you a new level of restful sleep and provide healthier living.

### SYNERGY EFFECTS WITH BIOMAT

Using the Quantum Energy Pad in combination with the Biomat creates a synergy effect that provides exceptional user satisfaction. Users who don't like firm mattresses can now enjoy relaxed sound sleep with the Quantum Energy Pad, for it is specially made of Bio Clay and evenly distributes your body weight.

### RESTFUL SLEEP

The Quantum Energy Pad can be used on top of other thermal products to enjoy softness and restful sleep. The Quantum Energy Pad can also be used by itself without thermal products.

Blending various scientific theories with quantum energy theory, it provides satisfaction that is incomparable to pads of all other kinds.

These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.





## THE ULTIMATE PRODUCT OF MICROFIBER TECHNOLOGY

This product is made of ultra microfiber with a three-dimensional structure, the thickness of which is 1/100th the diameter of a human hair (1 micrometer=1/1,000,000m). There are innumerable spaces in the ultra microfiber formed during the splitting process. Therefore, it yields excellent absorption and easily wipes off dust or contaminants from the surface of an object. The remarkable absorption ability of ultra microfiber lasts permanently because it stems from capillary activities, a property of the fiber itself, rather than from processing. Microfiber is a new material with excellent characteristics of moisture absorption, cleaning power, soft-to-the-touch texture, etc. It is also a futuristic material that forms layers of air, known for its ability to retain heat better than goose down.

### CERTIFICATES



Infrared Ray Test



N.Ion Test



Antibacterial Test



## ✓ CHARACTERISTICS OF MICROFIBER

### OUTSTANDING DURABILITY

The tissue of microfiber is very fine and dense enough to stand repeated washing and friction without affecting the functionality or shape of the cloth. This allows for incredible durability and long lifespan. In addition, it doesn't require any particular detergent. It is more effective than typical textiles, making it the best alternative to cotton fabrics.

### EASY TO WASH

Heavily soiled cotton products often have stains even after being thoroughly washed. This is because the contaminants permeate into the fiber and become permanent. Contaminants do not permeate into microfiber but rather stay between air holes on the surface until being rapidly emitted. Just a gentle rubbing with solid detergent can remove contaminants, and it is machine washable. Machine wash doesn't cause deformation of the product. Microfiber products don't need to be rinsed many times, reducing water consumption and saving washing time.

### ANTIBACTERIAL

#### Antibacterial Test

► Bacteria used for the test:

	Staphylococcus aureus	Klebsiella pneumoniae
BEFORE		
AFTER		

Typical fibers consist of less than 20 strands of thread. However, a visible strand of ultra microfiber obtained from splitting is equivalent to 700 strands of typical fibers. House dust mites, microscopic organisms with sizes of 0.1~0.2mm, are common causes of all kinds of allergies, dermatitis, and asthma, but they cannot inhabit the finely woven microfibers. Survival rate of microscopic organisms on microfiber is only 5.7%. House dust mites are not able to pass through microfiber that is thinner than their bodies. Microfiber is practically a synthetic fiber, so it is extremely unlikely dust mites can feed and flourish on it. Such characteristics make microfiber the most effective material to apply to products that have direct contact with human skin. It is also known as a material that inhibits bacteria, mold, and germs and doesn't give off an odor even when it is damp.





# WHAT IS QUANTUM ENERGY FABRIC?

QUANTUM ENERGY PAD®



## Quantum Energy Fabric

is made from organic compounds of peach and grape seeds, which consists of more than 18 types of specific substances.

The substances are as follows:

Phosphoserine, Phosphorylethanolamine, Aspartic Acid,  
Theanine, Serine, Glutamic Acid, A-amino adipic Acid, Glycine, Alanine, Citrulline,  
A-amino-n-butyric Acid, Valine, Methionine, Leucine, Ethanolamine,  
Ammonia, Lysine, and Histidine

**These plant-derived substances emit powerful infrared rays.**



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