

Restore to Health  
Yarn

Wave

Discharged overnight. Well charged all day!



ELECTROSTATIC CHARGE

# Sparks & body voltage

Ever experienced a brief jolt shock when you touched a doorknob? Or got that crazily flyaway hair after removing a pullover? **Indeed: static electricity it is!**

As we go about our everyday lives, our bodies are constantly charged with static electricity. Friction, surface contact and the daily usage of electrical devices lead to an accumulation of electrons that cause body static.

This static tension usually dissipates through contact with the ground. But static friction in bed also causes tension at night. Especially dry winter months are high season as we heat the house, making the light dryer.

Although not harmful to health, there are quite some annoying side effects that can thoroughly disrupt our balance.



DISRUPTED SLEEP & INDIRECT HEALTH ISSUES

# Two good reasons to avoid electrostatic charge overnight.



## NEGATIVE IMPACT ON OUR SLEEPING PATTERN

High body voltage stimulates the production of Cortisol. This hormone is a biomarker for stress, sleep dysfunction and insomnia. Which - in turn - results in fatigue during the day. Prolonged elevated Cortisol levels are even associated with a number of chronic conditions.

However, recent studies\* shows that our Cortisol level decreases considerably as the static tension is properly discharged.



## STATIC CHARGE ATTRACTS DUST

Statically charged objects - including people - attract dust to a large extent. Breathing in dust particles is undesirable for health, especially not the dangerous particulate matter that is also present in our living rooms. It is therefore recommended to avoid static charge preventively.

(\*) 'Biologic Effects of Grounding the Human Body During Sleep as Measured by Cortisol Levels' — ACM JOURNAL, Volume 10, Nr. 5, 2004

WAVE RESTORES THE BALANCE

# Discharged overnight. Well charged all day.

During the night, we must ensure that electrostatic charge can be dissipated without earthing.

The answer is '**WAVE**'. This mattress ticking uses a nylon fiber from which the surface is chemically saturated with conductive carbon particles.

As such, carbon becomes part of the fiber's structure, which retains strength and flexibility while maintaining excellent conductivity.

Not only does **WAVE** provide permanent antistatic properties, but it also captures the negative charge and then releases it into the air by means of ionisation. (see *Image 1*)

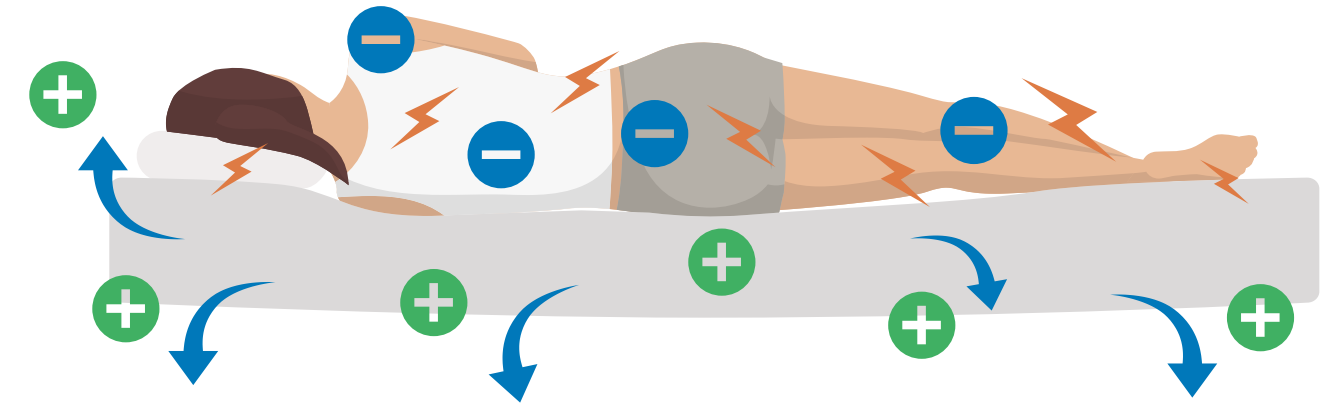


Image 1 — Static discharge will be generated when the conductive fabric nears the charged body and so releases the negative charge to the air.

## Benefits of Wave

- ✓ Fall asleep faster
- ✓ Sleep more quietly
- ✓ Less tense when you wake up
- ✓ Anti-allergenic: together with discharging, dust is being repelled
- ✓ Permanent antistatic properties regardless of the number of washes.

# Wave in a Nutshell

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Antistatic



Anallergic



Performance  
over time



Washable at 40°



Non-stop  
performance



USA  
CT Nassau Mattress Tape  
4101 South NC 62  
Alamance, NC 27201  
T +1 336 570 0091  
[salesmgt@ctnassau.com](mailto:salesmgt@ctnassau.com)

USA  
CT Nassau Mattress Ticking  
1504 Anthony Road  
Burlington, NC 27215  
T +1 336 570 0091  
[salesmgt@ctnassau.com](mailto:salesmgt@ctnassau.com)

Europe | Russia | Asia  
Do you want the contact  
details of a branch closer to you?  
Please visit our Contact page  
on [stellinigroup.com](http://stellinigroup.com)

**More Information,**  
[salesmgt@ctnassau.com](mailto:salesmgt@ctnassau.com)  
[ctnassau.com](http://ctnassau.com)

USA  
Covers Contract Sewing LLC  
1617 N. Fayetteville St.  
Asheboro, NC 27203  
T +1 336 266 9969  
[info@ccsasheboro.com](mailto:info@ccsasheboro.com)

Canada  
Ideal Quilting  
875 Fenmar Drive  
Toronto, ON, M9L 1C8  
T 416 748 8402  
[info@idealquilting.com](mailto:info@idealquilting.com)

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