



NSC

# MEDICAL

Delivering Health Products to Patients and Consumers

- NSC Medical is a Canadian brand that develops and manufactures sleep surfaces for the professional medical industry.
- All our mattresses are proudly developed and manufactured in Canada. We are the first accredited virtual manufacturer in Canada to meet Health Canada Manufacturer compliance standards.
- Medical Device Name: NSC Medical Corp. Manufacturing Class 1 Device # 6997 Company ID: 138228

- NSC Medical utilizes 13 manufacturing facilities across Canada
- NSC Medical can facilitate just in time (JIT) manufacturing and drop shipping anywhere in North America
- NSC Medical is a Health Canada registered Class I Medical Device Manufacturer
- NSC Medical produces private label product for multiple global brands
- NSC Medical products are manufactured in certified ISO facilities
- NSC Medical products deliver 100% traceability.
- NSC Medical only uses CertiPUR-US® certified foams



- NSC Medical's MEDI-FOAM™ is a unique formulation that neutralizes off gassing and reduces heat retention



- NSC Medical's MEDI-GEL™ is an efficient cooling formulation that delivers equivalent pressure mapping results to a low air loss or alternating pressure mattress



**NSC Medical's Hospital, Long-Term and Home Healthcare Therapeutic Sleep Surfaces and Positioning Products.**



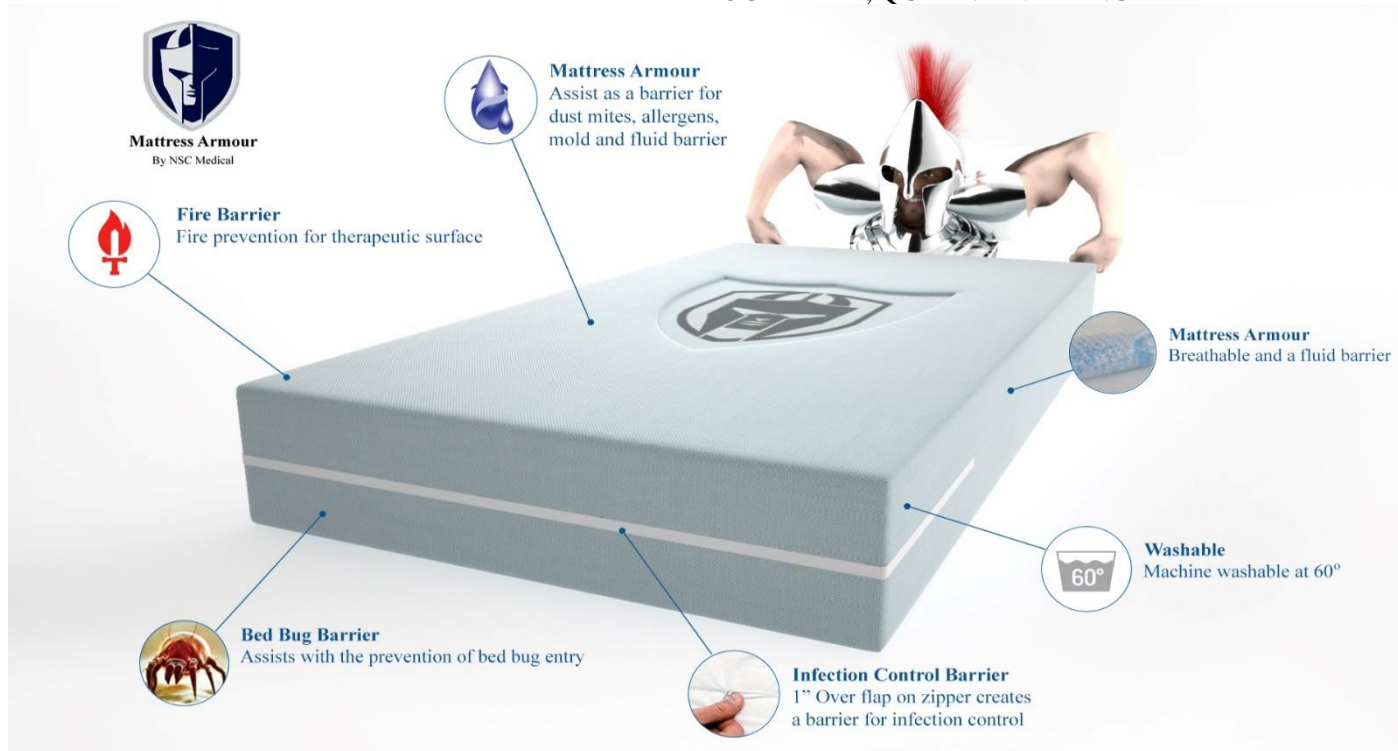


## Mattress Armour - Full Mattress Encasement

The Mattress Armour cover, exclusive to NSC Medical, consists of high-tech cooling fibers providing fast moisture absorption capability and excellent air circulation. This fiber technology enables the moisture to vaporize quickly, reducing the potential for Microbes, Fungi and Dust Mites.

Mattress Armour has been exclusively designed for the healthcare industry with a 1" flap over the zipper for infection control, CFR fire barrier for the surface and a bed bug block. This encasement will increase the life of all therapeutic mattresses in the facility and extending any existing cover life by up to 3 years.

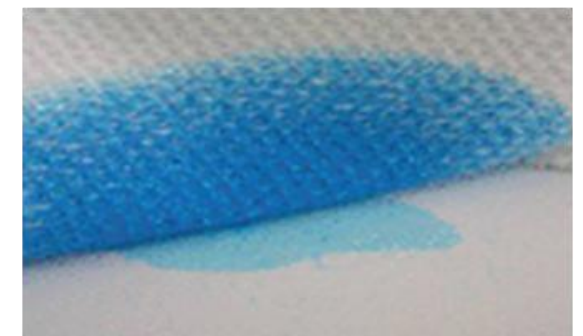
Machine washable for the easiest installation    Product Code Mattress Armour: NSC-ARMOUR8036  
Product Code Mattress Sheild: NSC-SHIELD8036  
Product Code: NSC-MA-TWIN, TWINXL, DOUBLE,  
DOUBLE XL, QUEEN AND KING



### Mattress Armour

Mattress Armour is the first fluid proof and machine washable Encasement in the industry. This provides a consistently dry and healthy sleeping environment.

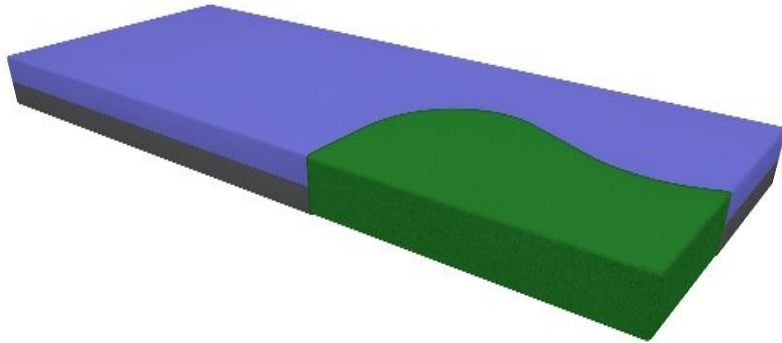
Mattress Armour's cooling technology provides excellent air circulation which reduces the potential for microbes, fungi, and dust mites.



# PRESSURE REDUCTION THERAPEUTIC SLEEP SURFACE

NSC Medical's NSC1000 comes in 12"x12"x40" roll and compressed for cost effective shipping across Canada. Our Soy MEDI-FOAM™ core provides innovative technology where the molecules of the foam focus on the heavy areas to provide optimal support while sleeping. Soy MEDI-FOAM™ core, provides consistent pressure redistribution in all sleeping positions, while articulating. The cover consisting of a 4-way stretch for easy removal, a zipper overlay for infection control and an expandable polyester thread fibre that imbeds itself to material. This fabric is completely fluid proof.

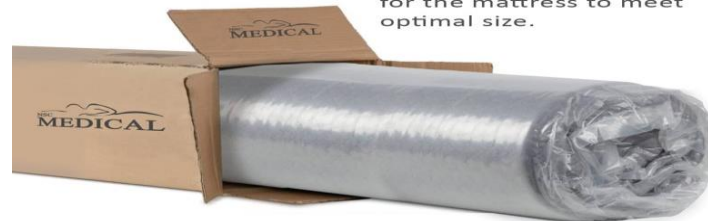
**NSC Medical Mattress Armour Cover** – The anti-microbial preservative embedded into our Mattress Armour Technology has also been deemed to kill 95% of coronavirus and 99% of the influenza H1N1 virus within 2 hours of contact and has been tested to ISO 18184 the only globally recognized test method for Anti-Viral. Mattress Armour VR cover also reduces heat buildup, provides a low shear, non-friction sleep surface, that is anti-microbial and fluid proof. The Anti-Slip Grip X-V bottom allows for easy slide during emergency procedures, while allowing anti-slip for precision articulation.



## Mattress-In-A-Box

is roll packed for easy shipping and installation.

Please Allow 48-72 hours for the mattress to meet optimal size.



Developed and  
manufactured in  
**Canada**



## SERIES 1000



The MEDI-FOAM™ and MEDI-GEL™ Advantage

### We Use Only Soy Medi-Foam...Why?

This neutralizes the off-gassing smell that irritates Patients/Residents, as well as reducing heat retention which is the largest complaint from 100% petrochemical-based products.

### Ethical Rotation Perspective

NSC Medical is conscientious of our carbon footprint, therefore providing Soy MEDI-FOAM™ and Soy MEDI-GEL™ Hybrid Foams as an alternative to 100% petrochemical-based products. This technology reduces our carbon footprint by up to 20%.

### CertiPUR-US® – Certification Program

An independent, non profit program that ensures foam product is made without ozone depleters, PBDE's, TDCPP or TCEP flame retardants. Made without mercury, lead or other heavy metals. Made without formaldehyde or phthalates and contains only low levels of VOC. (less than 0.5 parts per million.)



Product Size & Features

**Item:** NSC3000

**Product Sizes:** 36" x 6" x 80" All sizes available

**Foam:** Soy MEDI-FOAM™

**Weight Capacity:** 350lbs

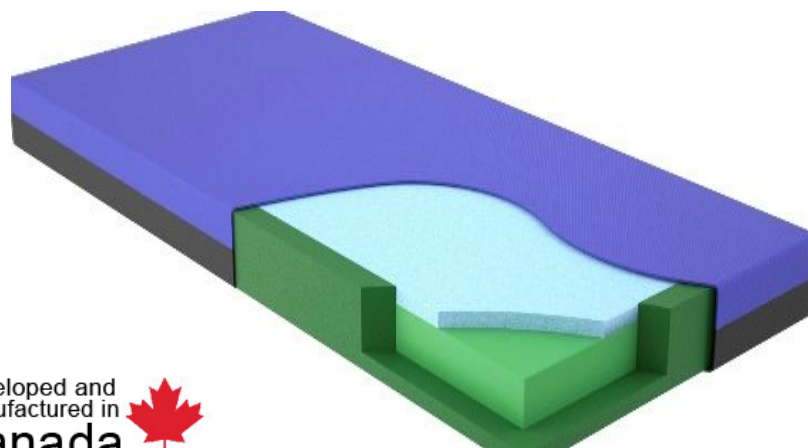
**Warranty:** 5 Year Non-Pro-Rated



## PRESSURE RELIEF THERAPEUTIC SLEEP SURFACE

NSC Medical's NSC3000 entry level therapeutic surface consisting of our Soy Visco MEDI-GEL™, is clinically proven to keep patients cool while dissipating moisture from the body, reducing the incidence of pressure ulcers. High resilience Soy MEDI-FOAM™ base, provides consistent pressure redistribution in all positions while articulating. With a cover consisting of a 4-way stretch for easy removal, a zipper overlay for infection control and an expandable polyester thread fibre that imbeds itself to material. This fabric is completely fluid proof.

**NSC Medical Mattress Armour Cover** – The anti-microbial preservative embedded into our Mattress Armour Technology has also been deemed to kill 95% of coronavirus and 99% of the influenza H1N1 virus within 2 hours of contact and has been tested to ISO 18184 the only globally recognized test method for Anti-Viral. Mattress Armour VR cover also reduces heat buildup, provides a low shear, non-friction sleep surface, that is anti-microbial and fluid proof. The Anti-Slip Grip X-V bottom allows for easy slide during emergency procedures, while allowing anti-slip for precision articulation.



**Patient Transfer Rail System** reduces friction during Patient/Resident transfers, assists in the prevention of roll out fractures and easily slides out during emergency response.



### The MEDI-FOAM™ and MEDI-GEL™ Advantage

#### We Use Only Soy Medi-Foam...Why?

This neutralizes the off-gassing smell that irritates Patients/Residents, as well as reducing heat retention which is the largest complaint from 100% petrochemical-based products.

#### Ethical Rotation Perspective

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An independent, non profit program that ensures foam product is made without ozone depleters, PBDE's, TDCPP or TCEP flame retardants. Made without mercury, lead or other heavy metals. Made without formaldehyde or phthalates and contains only low levels of VOC. (less than 0.5 parts per million.)



### Product Size & Features

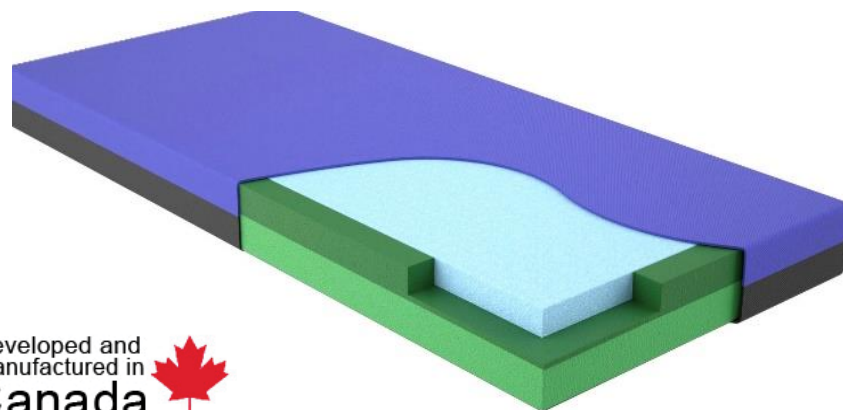
**Item:** NSC3000  
**Product Sizes:** 36" x 80" x 6"  
**Foam:** Soy MEDI-GEL™  
 Soy MEDI-FOAM™  
**Weight Capacity:** 450lbs  
**Warranty:** 5 Year Non-Pro-Rated



## PRESSURE RELIEF THERAPEUTIC SLEEP SURFACE

NSC Medical's NSC5000 is our premium 700lbs therapeutic sleep surfaces consisting of our Soy Visco MEDI-GEL™, is clinically proven to keep patients cool while dissipating moisture from the body, reducing the incidence of pressure ulcers. With its high resilience Soy MEDI-FOAM™ base, this therapeutic surface provides consistent pressure redistribution in all positions while articulating. With a cover consisting of a 4-way stretch for easy removal, a zipper overlay for infection control and an expandable polyester thread fibre that imbeds itself to material. This fabric is completely fluid proof.

**NSC Medical Mattress Armour Cover** – The anti-microbial preservative embedded into our Mattress Armour Technology has also been deemed to kill 95% of coronavirus and 99% of the influenza H1N1 virus within 2 hours of contact and has been tested to ISO 18184 the only globally recognized test method for Anti-Viral. Mattress Armour VR cover also reduces heat buildup, provides a low shear, non-friction sleep surface, that is anti-microbial and fluid proof. The Anti-Slip Grip X-V bottom allows for easy slide during emergency procedures, while allowing anti-slip for precision articulation.



**Patient Transfer Rail System** reduces friction during Patient/Resident transfers, assists in the prevention of roll out fractures and easily slides out during emergency response.



### The MEDI-FOAM™ and MEDI-GEL™ Advantage

#### We Use Only Soy Medi-Foam...Why?

This neutralizes the off-gassing smell that irritates Patients/Residents, as well as reducing heat retention which is the largest complaint from 100% petrochemical-based products.

#### Ethical Rotation Perspective

NSC Medical is conscientious of our carbon footprint, therefore providing Soy MEDI-FOAM™ and Soy MEDI-GEL™ Hybrid Foams as an alternative to 100% petrochemical-based products. This technology reduces our carbon footprint by up to 20%.

#### CertiPUR-US® – Certification Program

An independent, non profit program that ensures foam product is made without ozone depleters, PBDE's, TDCPP or TCEP flame retardants. Made without mercury, lead or other heavy metals. Made without formaldehyde or phthalates and contains only low levels of VOC. (less than 0.5 parts per million.)



### Product Size & Features

- Item:** NSC5000
- Product Sizes:** 36" x 80"X6" All Bariatrics Sizes
- Foam:** Soy MEDI-GEL™  
Soy MED-FOAM™
- Weight Capacity:** 700lbs
- Warranty:** 7 Year Non-Pro-Rated



## Black Label Collection Copper Series

Wake up on our Copper Series Sleep Surface which has our innovative Self Sterilizing Technology.

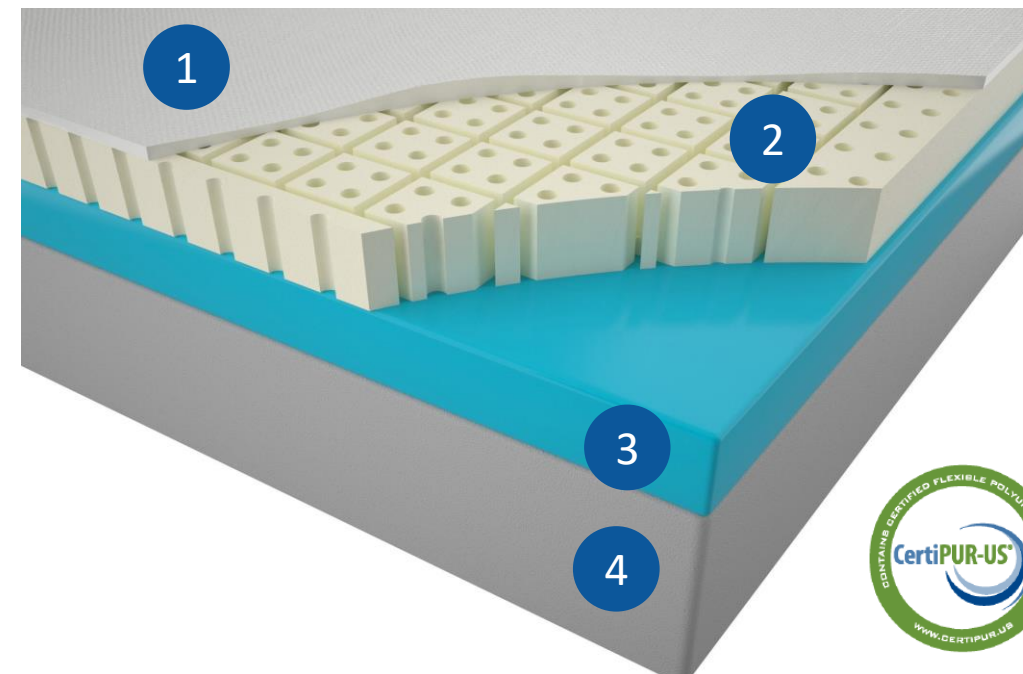
**1<sup>st</sup> Layer** - Our consumer sleep surface starts with a patented Copper contact surface layer which has a Class 1 Medical Device License for Biological Change:

- Assists with 99% Bacteria Kill Rate within 24 hours through your mattress protector, bed sheets and sleeping apparel.
- Assists with inflammation and Reduces viruses.

**2<sup>nd</sup> Layer** - Natural latex is hypoallergenic and all-natural, offering 4 global certifications for natural content and material with protein-extracted latex.

**3<sup>rd</sup> Layer** - MEDI-GEL™ assists with spinal decompression, pressure point relief and motion transfer. Our Clinical MEDI-GEL™ has been pressure mapped to prove we outperform other air and gel technologies.

**4<sup>th</sup> layer** - MEDI-FOAM™ base assists with weight bearing support in all sleeping positions.



### Product Size & Features

**Item: NSC-REJCU-SERIES**  
**Product Sizes: TWXL/TW/DB/QN/KG**  
**Foam: Soy MEDI-FOAM™**  
**Weight Capacity: 700lbs**  
**Warranty: 10 Year Non-Pro-Rated**





## NanoSleep

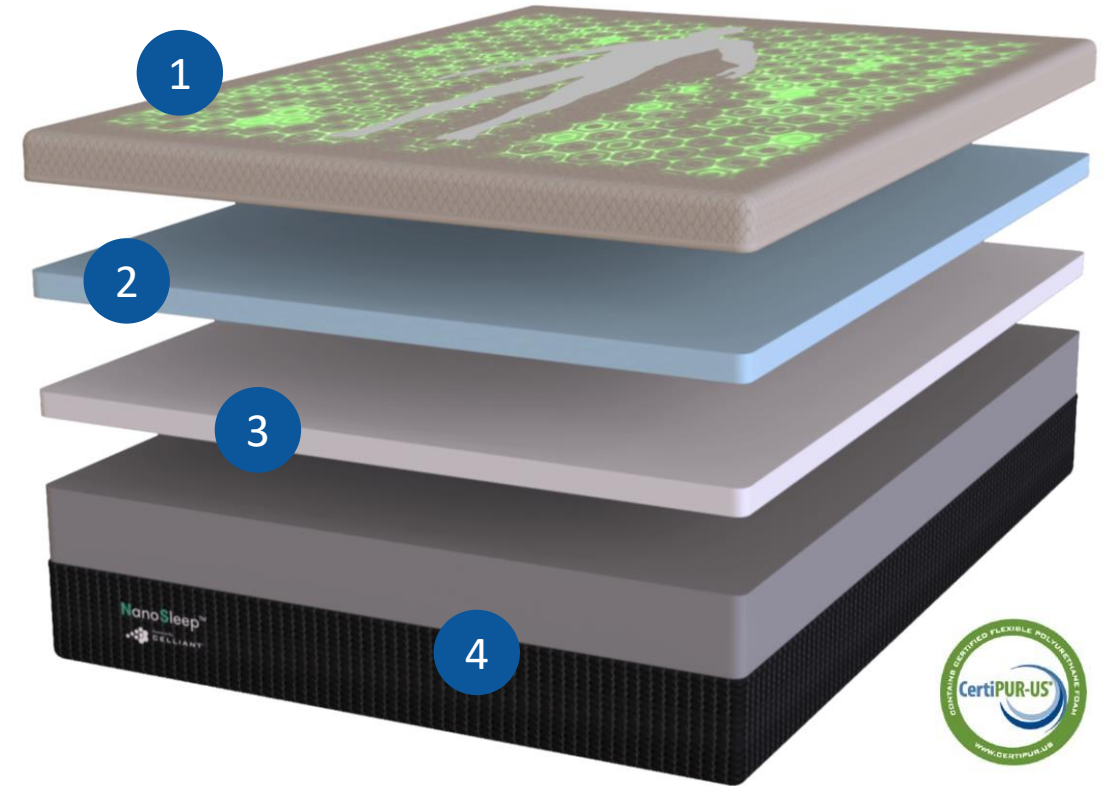
Wake up on our Copper Series Sleep Surface which has our innovative Self Sterilizing Technology.

**1<sup>st</sup> Layer** - Our Contact Surface starts with an innovative textile known as CELLIANT® which absorbs energy (heat) from the body and emits it as Infrared (IR) energy to muscles and tissues to help increase local blood circulation providing temporary relief of muscle soreness and joint pain; increases tissue oxygenation which enhances performance and strength; helps recovery and increases comfort and promotes restful sleep.

**2<sup>nd</sup> Layer** - Active Response MEDI-GEL™ responds to each sleeping position. It provides support to skin, bone, tissue and assists with spinal alignment while providing a cooler sleep surface and a healthier and hypo-allergenic sleep environment

**3<sup>rd</sup> Layer** - High Density Low Compression Transitioning Medi-Foam® layer assists with motion transfer and provides added support to Active response Medi-Gel® layer.

**4<sup>th</sup> layer** - MEDI-FOAM™ support system layer provides weight bearing support to the mattress in all sleeping positions and increases the longevity and support of the sleep surface.



Developed and  
manufactured in  
**Canada** 

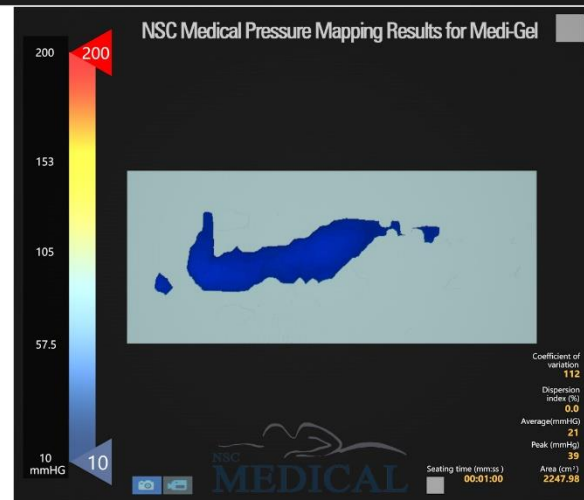
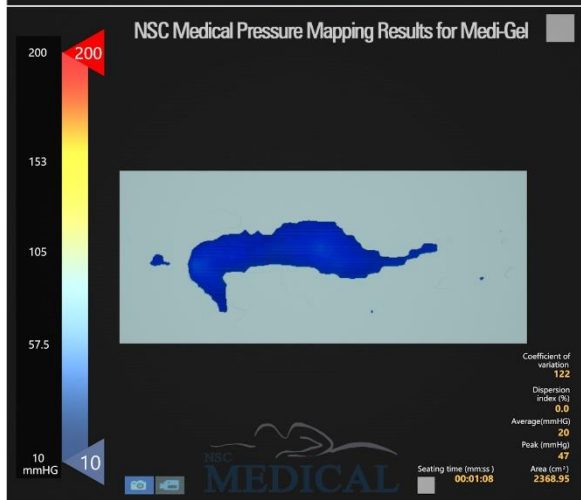
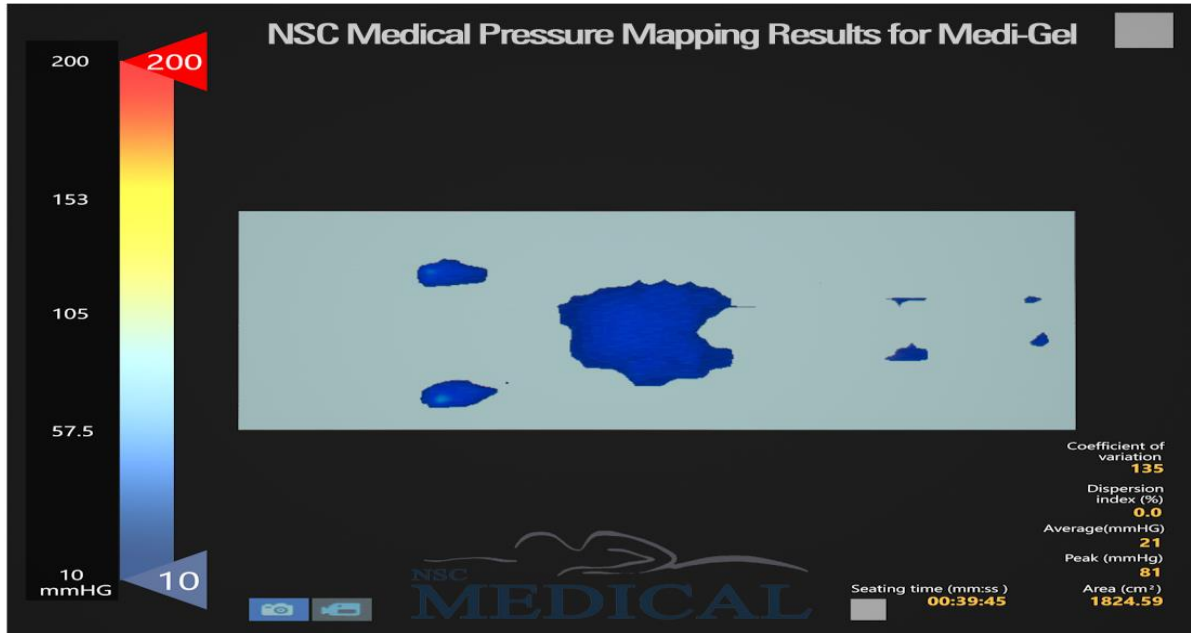
### Product Size & Features

**Item:** NSC-NANO-S-SERIES  
**Product Sizes:** TWXL/TW/DB/QN/KG  
**Foam:** Soy MEDI-FOAM™  
**Weight Capacity:** 700lbs  
**Warranty:** 10 Year Non-Pro-Rated



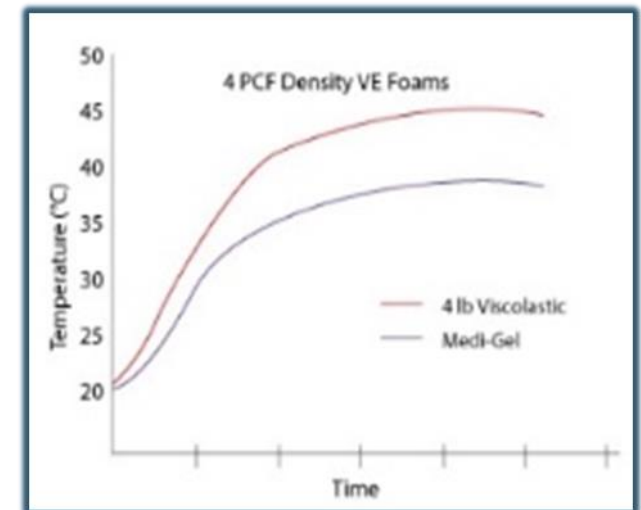
## MEDI-GEL™ PRESSURE MAPPING RESULTS

MEDI-GEL™ pressure mapping results show that the Series 3000, 5000 and Black Label Copper Series are all equivalent to a low air loss, alternating pressure and gel mattresses at 40% lower cost.



### NSC Exclusive MEDI-GEL™ Versus the Competition

Temperature consistency shown in the below chart verify that MEDI-GEL™ will maintain and regulate the sleep surface temperature at 1 – 2 degrees lower than other gel foams, dissipating moisture before it hits the sleep surface reducing incidents of skin breakdown along with assisting in pressure relief and spinal realignment.



**CertiPUR-US® – Certification Program**  
MEDI-GEL™ delivers outstanding cooling performance while still being CertiPUR-US® compliant





## NATURAL REVOLUTION – HI/LOW 5 MOVEMENT SYSTEM

Our Natural Revolution Hi/Low 5 movement System features head, torso and leg elevation, neutral gravity mode, dual massage, programmable positioning, under bed lighting for safety and ambient lighting in your bedroom. Rails not included add-on product code: NATURAL REVOLUTION - SR

### The NSC Medical Advantage

- Raised foot section
- Upright backrest angle
- One button return to flat
- Programmable positions
- Wall hugger design
- Multiple Massage Setting
- 4 USB Ports
- Wireless Remote
- Underbed lighting
- Removable Safety Hospital Style Rails
- Emergency battery back up
- Anti-Snore & Neutral gravity mode
- 3 Year parts and labour warranty
- German Okin Motor
- Caster wheels included
- Rails connected to metal frame



### Product Size & Features

**Item: NANO-ADJ-TWNXL**  
**Product Dimensions: 39" x 80"**  
**Shipping Dimensions: 82" x 39" x 11.5"**  
**Weight : 750LBS**  
**Warranty: 3-year parts & labour and 10 years**



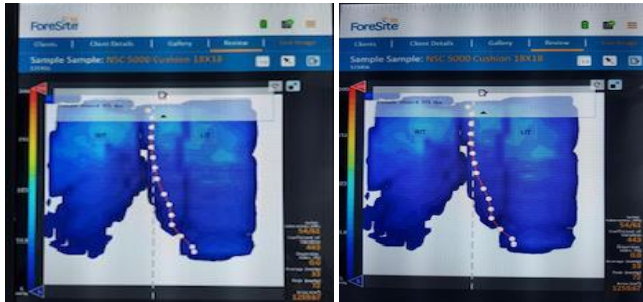
## PREMIUM THERAPEUTIC WHEELCHAIR CUSHIONS

NSC Medical's Therapeutic Wheelchair Cushion assists with pressure relief, patient comfort and correct body alignment while seated. Featuring our exclusive Mattress Armour VR cover which dissipates moisture before it hits the surface and our anti-slip base and Velcro attachment for easy installation. 1.5" Top layer consists of our proprietary clinical MEDI-GEL™ technology which has been pressure mapped to outperform air, bladder and gel technologies at a fraction of the cost. 2.5" MEDI-FOAM™ High Resilience base provides innovative technology where the molecules of the foam focus on the heavy areas to provide optimal support while seated.



The anti-microbial preservative embedded into our Mattress Armour Technology has also been deemed to kill 95% of coronavirus and 99% of the influenza H1N1 virus within 2 hours of contact and has been tested to ISO 18184 the only globally recognized test method for Anti-Viral.

### Pressure Mapping Results



### The NSC Medical Advantage

Soy MEDI\_FOAM™ Features:  
Hypo-allergenic Latex Free  
Made with Soy Medi-Gel & Medi-Foam  
Open Cell Air Flow Technology

Removable Cover:  
Mattress Armour VR cover also reduces  
heat buildup, provides a low shear, non-  
friction seat surface  
Anti-microbial and fluid proof

### Product Size & Features

**Item:** NSC5000WC-16164, 16184, 18184 and 18204

**Product Dimensions:** 16"x16"x4" | 18"x16"x4"

| 18"x18"x4" | 20"x18"x4"

Custom sizes available.

Soy MEDI-FOAM™ & Soy MEDI-GEL™

**Shipping Dimensions:** 82" x 39" x 11.5"

**Weight:** 350lbs

**Warranty:** 3 Year Non-Pro-Rated

# Certifications



## **ABC Research Corporation**

3rd party laboratory test results proving the latex used in NSC Medical's Natural Element series has significant antimicrobial properties to reduce microorganism growth by 99.99%



## **Global Organic Latex Standard**

Global Organic Latex Standard (GOLS) certified multiple random samples and confirmed that NSC Medical's Natural Elements contained no less than 95% Latex foam



## **Bureau Veritas**

3rd party laboratory test results proving the latex used in NSC Medical has had the latex protein removed making the latex foam hypo- allergenic

# Certifications



## Eco Institute (ECO)

Respected by manufacturers and agencies worldwide, Germany's Eco Institute is an independent material testing laboratory. NSC Medical's latex has achieved Eco certification for the purity of the organic latex.



## The OEKO-TEX™ Standard

An independent testing and certification system for raw, intermediate and finished textile products. OEKO-TEX™ has verified that NSC Medical has a STANDARD 100 by OEKO-TEX ® certified natural latex foam.



## SGS

3rd party Certification that the latex production facility follows the guideline of ISO 14001:2015



An independent, non-profit program that ensures foam product is made without ozone depleters, PBDE's, TDCPP or TCEP flame retardants. Made without mercury, lead or other heavy metals. Made without formaldehyde or phthalates and contains only low levels of VOC. (less than 0.5 parts per million.)



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