

# Geo-Matrix Wheelchair Accessories

## Exceptionally Soft Immersion \* Pressure Redistribution

Our Geo-Matrix wheelchair accessories all feature our softest gel layer, the pillow top gel, for an exceptionally comfortable immersive surface that provides superior pressure redistribution and aids in the prevention, treatment and healing of skin ulcers. Additionally, all accessories are protected by a Recovery 5 anti-microbial cover that passes CAL 117 bul. This cover is made from a fluid-proof and fire-retardant four-way stretch fabric that is wipeable for easy disinfection which aids in easy maintenance and ensures a long product life.



Accessory	Thickness	Construction	Indications	Standard sizes
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Arm rest pads (sold as a pair)	1.5"	Two layers of pillow top gel; Velcro straps	Reduce pressure, friction and shear on underside of forearms	4" X 14" 4" X 16"
Elbow tray pads (sold as a pair)	1.5"	Two layers of pillow top gel; two-sided Velcro bottom	Reduce pressure, friction and shear on elbows/forearms	8" X 7"
Calf panel	.75"	One layer of pillow top gel; closed-cell foam back; Velcro straps	Reduce pressure, friction and shear on calves	16" X 7" 16" X 10" 18" X 7" 18" X 10" 20" X 7" 20" X 10"
Hanger pads (sold as a pair)	.75"	One layer of pillow top gel; dual Velcro strips	Reduce pressure, friction and shear on sides of knees and legs	6" X 8" 8" X 10"
Foot board pad	1.5"	Two layers of pillow top gel with cascading front; two-sided Velcro bottom	Reduce pressure, friction and shear on heels and feet; cascading front prevents skin tears and heel pressure when legs extended and heels rest against foot board	16" X 10" 18" X 10" 20" X 10"
Cascading foot plate pads (sold as a pair)	1.5"	Two layers of pillow top gel with cascading front; dual Velcro strips	Reduce pressure, friction and shear on heels and feet; cascading front prevents skin tears and heel pressure when legs extended and heels rest against foot plates	6" X 8" 8" X 10"
Foot box	.75"	One layer of pillow top gel with cascading front; closed-cell foam back; two-sided Velcro bottom	Reduce pressure, friction and shear on calves, heels and feet; cascading front prevents skin tears and heel pressure when legs extended and heels rest against foot board; prevents feet from sliding off sideways and potentially incurring ankle or foot injuries	16" X 18" X 12" 18" X 18" X 12" 20" X 18" X 12"
Commode pad	1.75"	One layer of blue gel and one layer of pillow top gel; non-slip bottom; four buckle straps	Reduce pressure, friction and shear on your coccyx	16" X 18" 18" X 18"
Lift Chair Pads	1"	1 layer of green gel, Recovery 5 back cover, 2 sets of Velcro straps	For use on lift chair pads where extra pressure relief and comfort are required	20" X 20"



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## Flexibility, Agility & Responsiveness

Blake Medical is a family-run business, and we strive to treat each client like a part of our family. If for any reason you are not happy with one of our products, please let us know and we will rectify the issue.

Our innovative engineers and committed customer service personnel are focused on ensuring a consistently positive customer experience that exceeds expectations.

*'Adapting to your needs...Exceeding your expectations.'*

**Blake Medical Distribution**  
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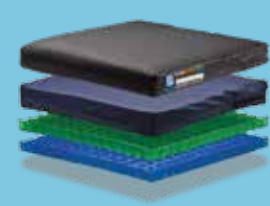
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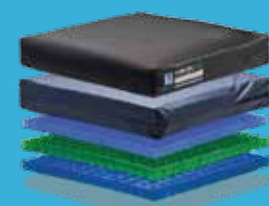


WHEELCHAIR SEAT CUSHIONS

# SIT HAPPY



Bronze



Silver



Gold



Gold+



Zentury



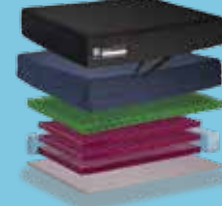
Hybrid



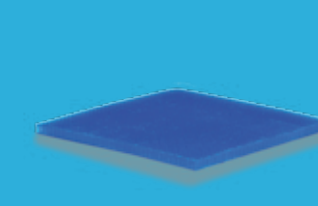
Hybrid Deep



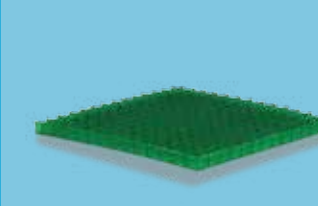
Platinum



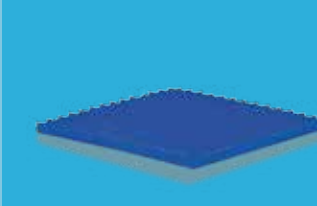
Bold



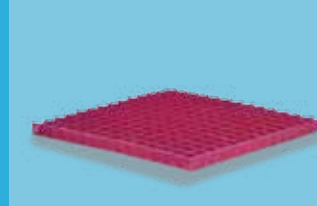
Pillow Top



Green



Blue



Purple

# THE GEO-MATRIX SEATING SYSTEM

Immersive Comfort \* Durable \* Low Maintenance \* Fluid-Proof \* No Calibration \* Dynamic



Our Geo-Matrix seating system offers people the ability to sit longer without discomfort. The innovative gel and gel/foam layers effectively manage pressure with enhanced immersion qualities.

Blood flow is increased and peak pressure points are minimized because Geo-Matrix gel columns share the pressure load from bony prominences, which increases the “footprint” and inherently decreases pressure.

This stimulates wound healing and reduces the risk of pain-related problems and skin breakdown.

Selecting the correct cushion requires consideration of mobility, postural stability and the need to prevent or treat pressure ulcers.

We’ve eliminated the need for guesswork—no intrusive calibration procedures are required.

This removes subjectivity from the process, saving valuable time in the caretaking process and giving both patients and caretakers increased peace of mind, as well as a more consistent and dignified experience when a new cushion is purchased.

## Gel Cushions

Flexible \* Vibration Dampening

Geo-Matrix gel cushions adapt to pressure like nothing else—the gel moves with you. It gently cradles different body shapes, bony prominences and sitting positions. For people with reduced sensation or mobility, or who have a high risk of skin breakdown, gel cushions help prevent and heal skin ulcers caused by pressure, friction or shear.

Gel cushions also come with the unique benefit of a flexible orientation; a gel cushion can be installed backwards or sideways, as sometimes can happen. Even upside down, a gel cushion is the only surface that would not cause serious discomfort or even injury!

**Geo-Matrix gel cushions can also be easily customized for the perfect fit.** Add Ischial shelves, obliquity controls, pummels and other modifications to create a corrective cushion for an individual’s unique needs.

**Modifications can be easily altered later as needs change.**

## Foam & Gel Cushions

Enhanced Positioning Options \* Lightweight \* Increased Stability

These lightweight cushions provide optimal stable positioning for comfort in manual and powered wheelchairs.

They are best for clients who require postural control and a more supportive cushion to prevent sliding.

**The innovative Geo-Matrix seating systems also provide these unique benefits:**

- Gel layers and covers that can easily be disinfected and even machine-washed
- Temperature-proof Geo-Matrix gel does not harden in cold or capture/retain heat
- Proven pressure redistribution to prevent skin breakdown and heal existing pressure ulcers
- The dry-polymer, closed-cell construction ensures no risk of the migration, leaking or oozing hazards posed by air or fluid-filled products
- Worry-free comfort, no risk of punctures, flattening, failing or inflation issues
- Gel’s vibration dampening qualities absorb vibration, reducing associated fatigue
- No calibration required

## Geo-Matrix Cushion Covers

Fluid-Proof and Easily Cleaned

All Geo-Matrix cushions are protected by two fluid-proof covers, keeping skin cool and dry.

The machine washable, fluid-proof outer cover is made of urethane-backed spacer fabric, which wicks away moisture and increases air flow and breathability.

Caregivers can easily disinfect the wipeable inner cover, made of breathable, four-way stretch fabric, without needing to remove it.

The covers also feature an infection-control lip over the zipper for further protection.

## Geo-Matrix Gel Sheets

Immersive Comfort \* Skin Protection \* Durability \* Temperature Regulation \* Pressure Reduction

Dry-polymer gel sheets provide a range of soft to firm support options suitable for immersive protection in wheelchairs, bath tubs, lift chairs, vehicles, and backrests—almost any surface that skin may rest or rub against.

Gel’s temperature-regulating and immersive qualities help to prevent and heal skin ulcers or wounds caused by pressure, friction or shear.

**Pillow Top - Softest**  
Works anywhere to increase comfort, reduce shear or re-energize an old cushion

**Blue - Firm**  
Ideal for inside the bathtub for added protection with no risk of mold or mildew buildup

**Green - Medium**  
Perfect as a lift chair pad or comfort layer on scooters or in the car

**Purple - Firmest**  
Increases weight capacity of other cushions or vibration dampening layers; protective barrier for air cushions

Product	Bronze	Silver	Gold/Gold+	Zentury	Hybrid + Hybrid Deep	Platinum	Bold
<b>Description</b>	Often used on lift chairs	Commonly used with power or tilt chairs; often used in long-term care where frequent cleaning is required	Often used in long-term care where frequent cleaning is required	For active users where a light weight comfortable solution is optimal	The Hybrid is designed for moderate postural support. The Hybrid Deep is designed for robust postural support. Both are beneficial for those with existing skin issues (stage I or II) or moderate risk for skin breakdown	For the perfect balance of stability and immersion often used on power chairs	A heavy-duty design that offers maximum pressure redistribution, comfort and durability for bariatric use
<b>Construction</b>	Two gel layers	Two stable gel layers plus a comfort pillow-top layer	Three gel layers	A dual high density foam base, with a high impact memory foam core and a gel infused memory foam topper	Closed cell base with a dual high density foam core and firmer sacral shelf with a gel topper	A base layer of gel with a compression cut foam core and a gel overlay	Four gel layers, foam border and closed-cell foam base for added strength
<b>Cushion height</b>	2”	2.75”	3”	4”	3.5”	3.5”	4.25”
<b>Weight capacity</b>	Maximum 200 lbs.	Maximum 200 lbs.	Gold: maximum 250 lbs. Gold+: maximum 300 lbs.	Maximum 275 lbs.	Maximum 275 lbs.	Maximum 275 lbs.	Maximum 600 lbs.
<b>Indications</b>	For active people whose skin protection is secondary to comfort/vibration control; some degree of mobility and postural control; client should be able to reposition	For maximum pressure redistribution for high risk of skin breakdown or existing wounds; limited mobility or postural control; client incapable of repositioning themselves	For maximum pressure redistribution for high risk of skin breakdown or existing wounds; limited mobility or postural control; client incapable of repositioning themselves	For maximum pressure redistribution for high risk of skin breakdown or existing wounds	This cushion is designed to provide comfort for people who require gentle positioning and contouring with excellent pressure redistribution as well as vibration control	This cushion is designed to provide comfort for people who require gentle positioning and contouring with excellent pressure redistribution as well as vibration control	For maximum pressure redistribution for high risk of skin breakdown or existing wounds
<b>Standard sizes</b>	16x16, 16x18, 16x20, 18x16, 18x18, 18x20, 20x16, 20x18, 20x20	16x16, 16x18, 16x20, 18x16, 18x18, 18x20, 20x16, 20x18, 20x20	16x16, 16x18, 16x20, 18x16, 18x18, 18x20, 20x16, 20x18, 20x20	16x16, 16x18, 16x20, 18x16, 18x18, 18x20, 20x16, 20x18, 20x20	16x16, 16x18, 16x20, 18x16, 18x18, 18x20, 20x16, 20x18, 22x16, 22x18, 22x20, 22x22	16x16, 16x18, 16x20, 18x16, 18x18, 18x20, 20x16, 20x18, 20x20	All dimensions available

### Not sure which cushion is right for you?

We demo all of our Geo-Matrix cushions to ensure your complete satisfaction. Ask for your demo today!

### Need a custom cushion?

We’ll work with you to engineer a perfect solution.

### Problems with a product?

Live trouble-shooting & mobile pressure-mapping systems allow for onsite assessments and analysis.

### Warranty Information

We proudly guarantee our Geo-Matrix line of wheelchair cushions with a two-year warranty because we are committed to ensuring your complete satisfaction.