



Improving life is our passion

MEDICAL DEVICE MANUFACTURER

PRODUCT CATALOG

OUR HISTORY

Physician and surgeon Ivan E. Brown, Sr. launched Brown Manufacturing in 1965 after receiving a U.S. Patent for his invention, the Plastalume® Finger Splint. When sales of this new product increased, Dr. Brown moved operations from a workroom in his basement to a small building behind his residence. Under the leadership of Ivan's son, Ivan E. Brown, Jr., the company continued to expand. The SEAL-TIGHT® Cast and Bandage Protector, introduced in 1989, was instrumental in the evolution of Brownmed, as the product's success resulted in considerable sales and employment growth – and the need for increased manufacturing space.

A lot of things have changed since Brownmed produced the first aluminum/foam finger splint more than 50 years ago – but one thing remains the same, and that's Brownmed's mission: Improving Life is Our Passion.

Today, Brownmed employs more than 70 people and manufactures and sells more than 130 different products to a worldwide market. Exports contribute approximately 20% of sales and Brownmed has distribution relationships in 130 countries. Brownmed has been awarded 24 patents and has 11 pending with the United States Patent Office. Brownmed has 25 registered trademarks.



1964

In his basement workroom, **Ivan E. Brown, MD** invented the Plastalume finger splint.



1965

Dr. Brown founded **Brown Manufacturing** and earned a patent for **Plastalume**.



1967

Dr. Brown expanded to a **2000 sq. ft building** in the backyard of his residence.



1982

A new era began.

Dr. Brown passed away. His three sons took over management of the company.



1985

Recognized with the **Iowa Small Business Exporter of the Year Award**.



1987

The company licensed the technology for **SEAL-TIGHT**.



1989

The company started manufacturing **SEAL-TIGHT** cast and bandage protectors.



1990

The company expanded to a **6,000 sq. ft building** and employed ten people.



1993

A new upper extremity line, **Steady Grip**, was released.



1994

Ivan E. Brown became CEO.

The **Steady Step** lower extremity line was introduced.



1997

A new location and expansion, this time to **30,000 sq. ft.** Credited with the **Governor's Export Award.**



1998

Brown assembled a **Board of Directors.**



1999

Polar Ice cold therapy line introduced.



2003

The company earned the **CE Marking** for entire product selection.



2004

The acquisition of **Soft Stride** orthotics from M-PACT.



2008

Credited with the **Governor's Excellence Award** and listed on the **Inc. 5000.**



2009

Plantar fasciitis line rebranded under **Nice Stretch** banner.



2010

The company acquired IMAK Products Corp. and received the **Ease of Use Commendation** for three products from the Arthritis Foundation.



2013

Brownmed launched **Intellinetix** and joined **Inc. 5000 Honor Roll**, making the list of America's fastest growing companies for the fifth time.



2014

Added **51,000 sq. ft.** to manufacturing facility in Spirit Lake, IA and acquired **NüRoo Products Corp.**



2016

Brownmed acquires Joslin Arm Slings



2016

Brownmed celebrates its **50th year** as a family-owned manufacturer of medical device products.



2017

Kylia Garver became President marking a transition to the third generation of family leadership.



2018

Brownmed launches **Spark Kinetic Sleeves.**



2018

Brownmed executive office moves into a new space.



2019

Brownmed launches **Body Furnace**, adding the first app-controlled device to product portfolio.

ABOUT US



OUR MISSION

At Brownmed, we believe you should be able to do what you love, no matter what. We believe pain causes road blocks that diminish your enthusiasm for life. We believe we can eliminate road blocks so you can get back to what drives you. We create products that are comfortable, well made and uncomplicated.

Improving life is our passion.



CERTIFICATIONS

CE Declaration of Conformity

The CE Marking allows Brownmed to trade its products freely within the European Union.

Certificate to Foreign Government

The Certificate to Foreign Government is a United States Food and Drug Administration document which indicates that products manufactured by Brownmed are subject to the jurisdiction of the FDA.

ISO Certification

ISO Certification ensures the Brownmed meets international standards for quality in its manufacturing processes.

Ease-of-Use Commendation

This seal of approval from The Arthritis Foundation indicates that a product is easy to use by those with arthritis.

ABOUT US



GREEN INITIATIVES

Operating Mindfully

Brownmed's manufacturing facility is nestled within the Iowa Great Lakes. In fact, it is less than five miles away from one of only three blue water lakes in the world, West Lake Okoboji. This area is home to more than 500 animal species and we have nearly 20,000 Public Wildlife Acres. Respect for and preservation of the environment is ingrained in our culture at Brownmed.

Our actions – the building and grounds:

We've transitioned to geothermal energy. This eliminated the need for all natural gas for heating. In addition, all air conditioning is provided by geothermal. Lighting is provided by high efficiency fluorescent bulbs that we recycle through an approved Universal Waste Management Company. We voluntarily requested a facility-wide waste management and environmental compliance survey by the Iowa Waste Reduction Center (2005). The lawn sprinkler system is supplied with water from a water retention pond fed by runoff from our roof and parking lot drains.

Our actions – manufacturing processes:

Our plant runs on a 4/10 schedule, which reduces our employee's commuting gas consumption by 20%

All used oil is recycled through a used oil recycler

All scrap vinyl and aluminum is recycled

Our actions – packaging and shipping:

IMAK Compression, IMAK RSI and IMAK Ergo display boxes are made from 75% recycled pulp.

IMAK Compression, IMAK RSI and IMAK Ergo inner and outer cartons are made from 100% recycled pulp. Recycled paper is used for packing fill material. Customers are invoiced electronically to reduce paper use.

Our actions – recycling:

All cardboard generated in the plant is recycled. All batteries are recycled the ergoBeads found in many of our IMAK Compression, IMAK RSI and IMAK Ergo products are 100% recyclable.

INTRODUCING OUR BRANDS



Moisture Protection for Casts,
Bandages Wounds and more



effective products for
compression therapy



effective products for
repetitive strain injuries



Ergonomic Comfort for
the Digital World



Closest to Mom. Best for Baby.™

Supporting Kangaroo Care and
Skin-to-Skin Contact



Dynamic Vibration
Therapy Products



Stretch-to-Fit Armslings



Splints and Supports



Cold Therapy for Post-Surgical
Rehabilitation and Other Injuries



The Best in Splinting Technology



Make Walking Easier
and More Comfortable



Flexible Foot Orthotics



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08 Plantar Fasciitis **NICE STRETCH**

09 Cryotherapy **POLAR ICE**

10 Splinting **PLASTALUME**

11 Walking **STEADY STEP**

12 Orthotics **SOFT STRIDE**

13 Personal Heater **BODY FURNACE**

14 Kinetic Sleeves **SPARK**



“I have used everything from plastic bags to plastic wrap and duck tape without much luck. The Brownmed SEAL-TIGHT Original Cast Protector Adult Short Leg works every time. I like it so well this is The 2nd one I have owned.”



01



Brownmed created the cast and bandage protection category with the introduction of SEAL-TIGHT in 1989.

Today, SEAL-TIGHT remains the #1 brand for cast and bandage protection by a wide margin*. You don't have to avoid the water because of a cast or bandage.

SEAL-TIGHT waterproof cast and bandage protectors are the easy way to keep water out during showering, bathing or play.

All SEAL-TIGHT products are latex-free, easy to use and guaranteed to perform. SEAL-TIGHT keeps casts and bandages dry.

*Source: Nielsen 2014

SOLUTIONS FOR

Daily Showering & Bathing

Swimming

Site Specific

Dressing Protection

In-Hospital I.V. Protection



What is your **Moisture Protection I.Q.?**

The average citizen in a developed country can expect to sustain **2 fractures** over the course of their lifetime.

Using Seal-Tight line of moisture protection products may reduce the need for cast replacement, promote healthy hygiene and reduce infections.

Source: <http://orthopedics.about.com/cs/otherfractures/a/fracture.htm>



AAOS

The American Academy of Orthopaedic Surgeons' web site says:

"Purchase waterproof shields to keep your splint or cast dry while you shower or bathe."



More than **350 million** people worldwide suffer from diabetes, an estimated 15% of which will develop an active foot ulceration.

For those people, appropriate wound management includes the use of dressings and topically-applied medications. Protect the dressings while you bathe with the Seal-Tight Original Adult Foot/Ankle.

Proper diet and exercise may help in preventing some fractures. A diet rich in calcium and Vitamin D will promote bone strength.

Weightbearing exercise also helps keep bones strong.



(BSIs) Bloodstream infections are a major cause of healthcare-associated morbidity and mortality.

BSIs lead to excess hospital length stays of **24 days**¹

The CDC recommends using an impermeable cover, such as Seal-Band, as part of a comprehensive strategy to reduce the risk of catheter-related blood stream infections during showering.²

Up to **35%**¹ attributable to mortality

Sources:

¹http://www.cdc.gov/hai/pdfs/toolkits/clabsitoolkit_white020910_final.pdf

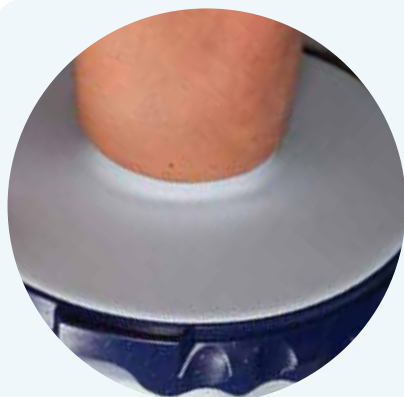
²<http://www.cdc.gov/hicpac/pdf/guidelines/bsi-guidelines-2011.pdf>



Seal-Tight products are designed to work with fiberglass and plaster casts, as well as surgical dressings.

INFINITY

for daily showering and bathing



Adult Arm

29400	Hand	12" (31cm)
29401	Short Arm	23" (58cm)
29402	Long Arm	40" (101cm)
29407	Wide Short Arm	23" (58cm)

Pediatric Arm

29408	Small Arm	12" (31cm)
29409	Medium Arm	19" (48cm)
29410	Large Arm	29" (74cm)

Adult Leg

29403	Short Leg	24" (61cm)
29404	Long Leg	42" (107cm)
29405	Foot/Ankle	12" (31cm)
29406	Wide Short Leg	24" (61cm)

Pediatric Leg

29411	Small Leg	12" (31cm)
29412	Medium Leg	17" (43cm)
29413	Large Leg	32" (81cm)



- Latex free
- Reusable
- Lasts the life of the cast

ORIGINAL

for daily showering and bathing



Adult Arm

20100	Hand	12" (31cm)
20101	Short Arm	23" (58cm)
20102	Long Arm	40" (101cm)
20107	Wide Short Arm	23" (58cm)

Pediatric Arm

20200	Small Arm	12" (31cm)
20201	Medium Arm	19" (48cm)
20202	Large Arm	29" (74cm)

Adult Leg

20103	Short Leg	24" (61cm)
20104	Long Leg	42" (107cm)
20105	Foot/Ankle	12" (31cm)
20106	Wide Short Leg	24" (61cm)

Pediatric Leg

20203	Small Leg	12" (31cm)
20204	Medium Leg	17" (43cm)
20205	Large Leg	32" (81cm)



- Latex free
- Reusable
- Lasts the life of the cast



Adult Arm

26500 Arm 30" (76cm)

Adult Leg

26501 Leg 32" (81cm)

Pediatric Arm

26502 Arm 23" (58cm)

Pediatric Leg

26503 Leg 23" (58cm)

Universal

28002 Arm or Leg 31" (79cm)



- Latex free
- Reusable
- Lasts the life of the cast
- Durable polyvinyl bag

U.S. Patent No. 7955284



Adult Arm

20320 Short Arm 21" (53cm)

20321 Long Arm 33" (84cm)

Adult Leg

20322 Short Leg 23" (58cm)

20323 Long Leg 38" (97cm)

Pediatric Arm

20363 Arm 21" (53cm)

Pediatric Leg

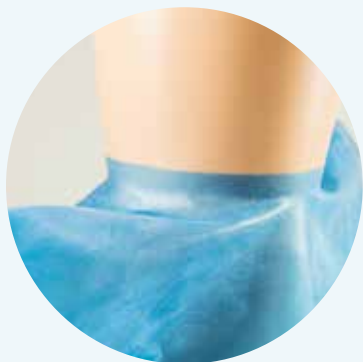
20362 Leg 28" (71cm)



- Safe for swimming
- Reusable
- Latex free



PROTECTOR for PICC lines or post surgery protection



Arm

20318	Small Arm	7-10" (18-25cm)
20317	Medium Arm	10-15" (25-38cm)

Knee

20324	Small Leg	16-20" (41-51cm)
20325	Medium Leg	19-23" (48-58cm)
20326	Large Leg	22-26" (56-66cm)

- Easy-on, easy-off and simple to use
- Not made with natural rubber latex
- Reusable



SHIELD for keeping wound dressings moisture-free



Shield

20435	One Size	3.5"x6" (9x15cm) coverage area
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- Keep dressings clean and dry
- Not made with natural rubber latex
- Disposable, designed for single use



SEALBAND for in-hospital I.V. protection



Arm

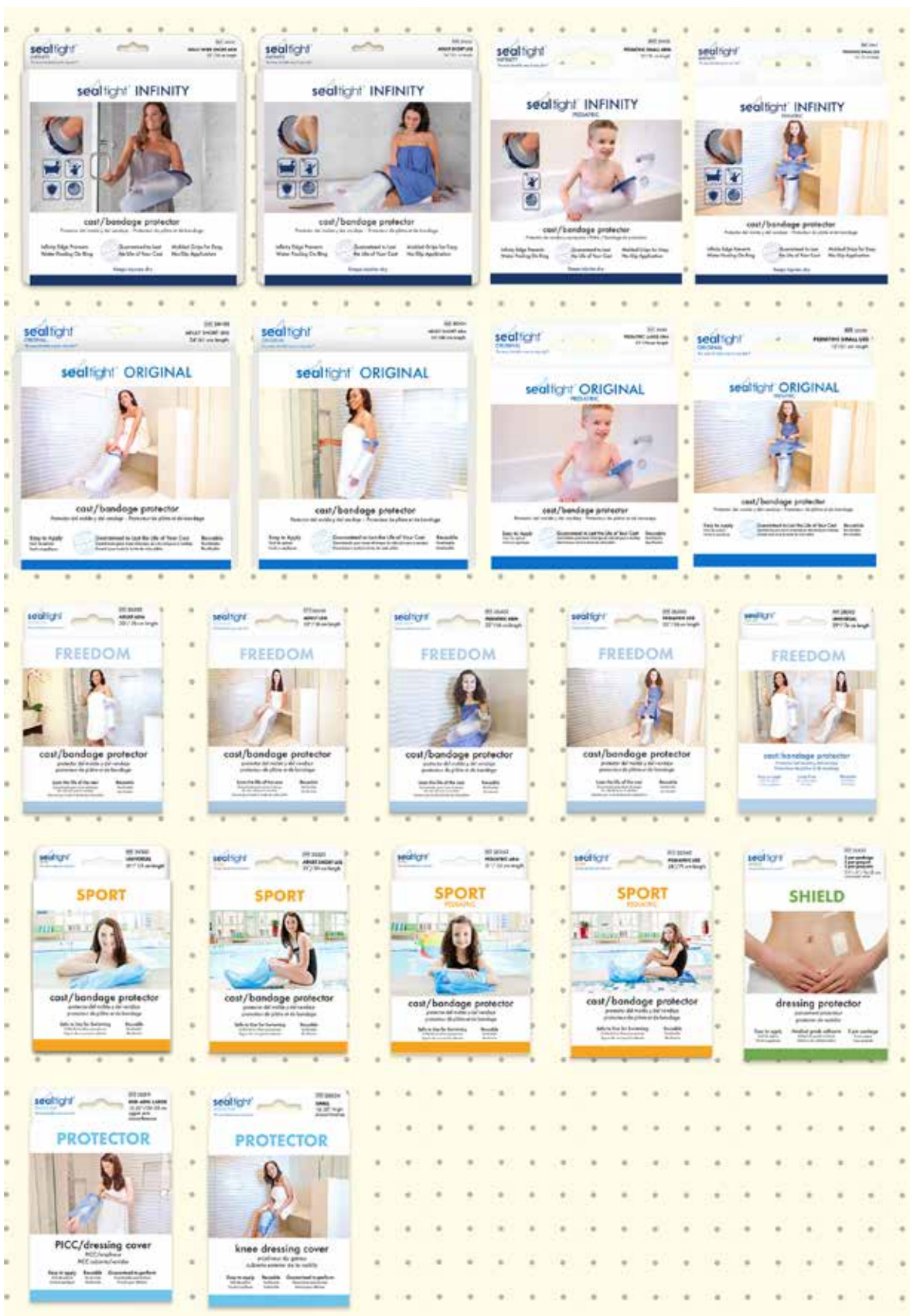
28075	One Size	21" (53cm) 50 per box
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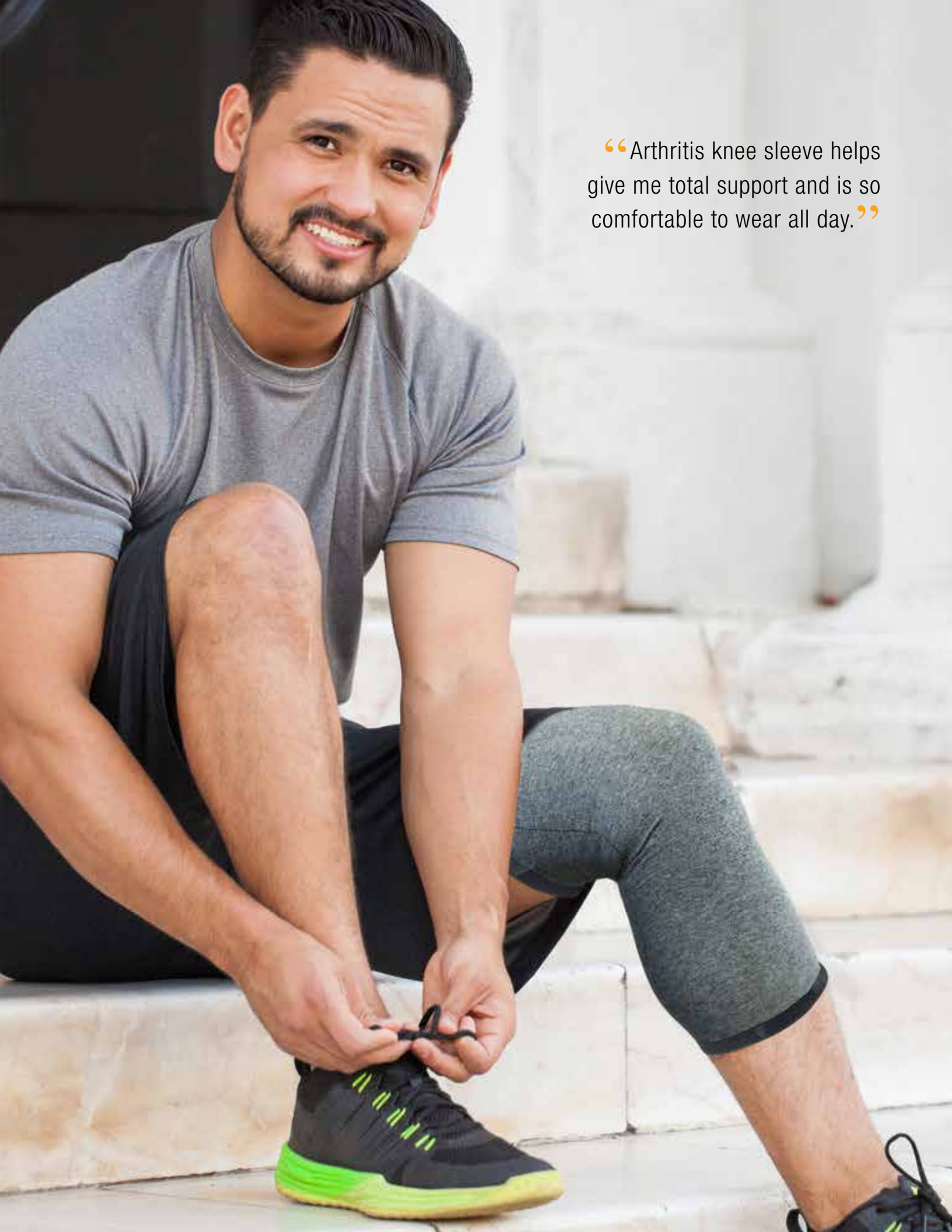
Leg

28076	One Size	21" (53cm) 50 per box
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- Covers for PICC or IV site
- Not made with natural rubber latex
- Easy to use
- Individually packaged for single patient use
- Disposable







“Arthritis knee sleeve helps give me total support and is so comfortable to wear all day.”

IMAK Compression products are specifically designed to help reduce swelling, improve circulation and provide warmth to affected areas.

PRODUCT LINEUP

Active Gloves

Arthritis Gloves

Arthritis Socks

Arthritis Wrist Sleeve

Shin Sleeve

Arthritis Elbow Sleeve

Arthritis Knee Sleeve

Arthritis Thumb

Eye Pillow



What is your **Arthritis I.Q.?**

54.4 million
adults have arthritis



Arthritis affects daily activities of
22.7 million adults

obesity increases incidence and severity of arthritis



2/3
of arthritis sufferers
are **younger**
than 65
(working and
not retired)



Exercise
reduces weight
load on joints,
relieves pain
and improves
function.



**Keeping
joints**
flexible can be
helpful - select the
right activity
and wear proper
supports.

The word **arthritis** comes from the Greek arthron meaning “**joint**”
and the Latin **itis** meaning “**inflammation**”

Frequent Frustrations

swelling
aching joints
the inability to grasp
and manipulate objects



IMAK® Gloves

have received the
Ease of Use Commendation
from Arthritis Foundation.

Smart Glove, Arthritis Gloves, Active Gloves
and Arthritis Knee Sleeve

Source: Arthritis Foundation www.arthritis.org

Arthritis and Compression

Feel the All-Day Difference®



Arthritis Gloves

- Helps relieve Arthritis
- Provides mild compression
- Open fingertips allow freedom to feel, touch and grip
- Cotton material allows skin to breathe and keeps hands dry
- Comfortable to use all day and night

		Measure width at knuckles
A20173	XSmall	up to 2¾"
A20170	Small	up to 3⅛"
A20171	Medium	up to 3½"
A20172	Large	up to 4"
A20174	XLarge	over 4"



All-day



Compression



Open fingertips



Polybag packaging

Arthritis Gloves - Black

- Helps relieve Arthritis
- Provides mild compression
- Open fingertips allow freedom to feel, touch and grip
- Cotton material allows skin to breathe and keeps hands dry
- Comfortable to use all day and night

		Measure width at knuckles
A20323	Small	up to 3⅛"
A20324	Medium	up to 3½"
A20325	Large	up to 4"



All-day



Compression



Open fingertips



Arthritis Gloves and Active Gloves are designed for ease of application and all day wear. IMAK Arthritis Gloves have earned the Arthritis Foundation's Ease of Use Commendation.

Arthritis and Compression

Feel the All-Day Difference®



Active Gloves

- Provides mild compression
- Open fingertips allow freedom to feel, touch and grip
- Cotton material allows skin to breathe and keeps hands dry
- Comfortable to use all day and night
- Anti-slip design on fingers and palm provides excellent grip

Measure width
at knuckles

A20185	Small	up to 3 1/8"
A20186	Medium	up to 3 1/2"
A20187	Large	up to 4"



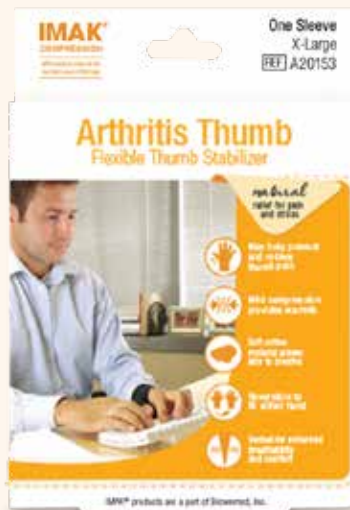
All-day



Compression



Anti-slip



U.S. Patent No. 7,645,250

Arthritis Thumb - Flexible Thumb Stabilizer

- Mild compression provides warmth, which may help prevent and relieve thumb pain
- Turns inside out to fit either hand
- Vented for enhanced breathability and comfort

Measure width
at knuckles

A20178	Small	up to 3 1/8"
A20179	Medium	up to 3 1/2"
A20180	Large	up to 4"



Pain relief



Compression



Reversible



Vented



Arthritis and Compression

Feel the All-Day Difference[®]



Arthritis Socks

- Provides mild compression to help control swelling
- Cotton material allows skin to breathe and keeps feet dry
- Comfortable all day and night
- Sold in pairs

		Men's Shoe Size	Women's Shoe Size
A20190	Small	5 - 7	6 - 8
A20191	Medium	7.5 - 9.5	8.5 - 11.5
A20192	Large	10 - 14	12 - 15.5



All-day



Compression



Circulation



Eye Pillow

- Soothes tired & puffy eyes
- Provides cooling relief
- Blocks out light
- Washable for easy care

A30131 One size



Weighted
compression



Cooling



Blocks light



U.S. Patent No. 7,601,168



Shin Sleeve

- Provides compression while supporting lower leg muscles and tissue
- Effective treatment of inflammation and pain associated with stress on lower leg
- Lightweight and easy to pull onto lower leg

		Calf Circumference
51054	Small	12 - 14"
51055	Medium	14 - 15"
51056	Large	15 - 16½"
51057	XLarge	16½ - 19"



All-day



Circulation



Pain relief



Arthritis and Compression

Feel the All-Day Difference®



Arthritis Elbow Sleeve

- May help increase circulation
- Mild compression provides warmth
- May reduce pain to promote healing
- Tri-band technology holds sleeve securely in place and helps prevent rolling
- Designed for all-day comfort and performance

Measure at
middle of bicep

A20155	Small	8" - 11"
A20156	Medium	11" - 13"
A20157	Large	13" - 16"



All-day



Compression



Circulation



Arthritis Knee Sleeve

- May help increase circulation
- Mild compression provides warmth
- May reduce pain to promote healing
- Tri-band technology holds sleeve securely in place and helps prevent rolling
- Designed for all-day comfort and performance

Measure 4" above
center of knee cap

A20149	X-Small	13" - 15"
A20150	Small	15" - 17"
A20151	Medium	17" - 19"
A20152	Large	19" - 21"
A20153	X-Large	21" - 23"



All-day



Compression



Pain relief



Arthritis Wrist Sleeve

- May help relieve arthritis and joint swelling
- Mild compression provides warmth
- May help with neuropathy and poor circulation
- Designed for all-day comfort and performance
- Turns inside out for reversibility

Measure width
at knuckles

A20130	Small	up to 3 1/8"
A20131	Medium	up to 3 1/2"
A20132	Large	up to 4"



Pain relief



Compression



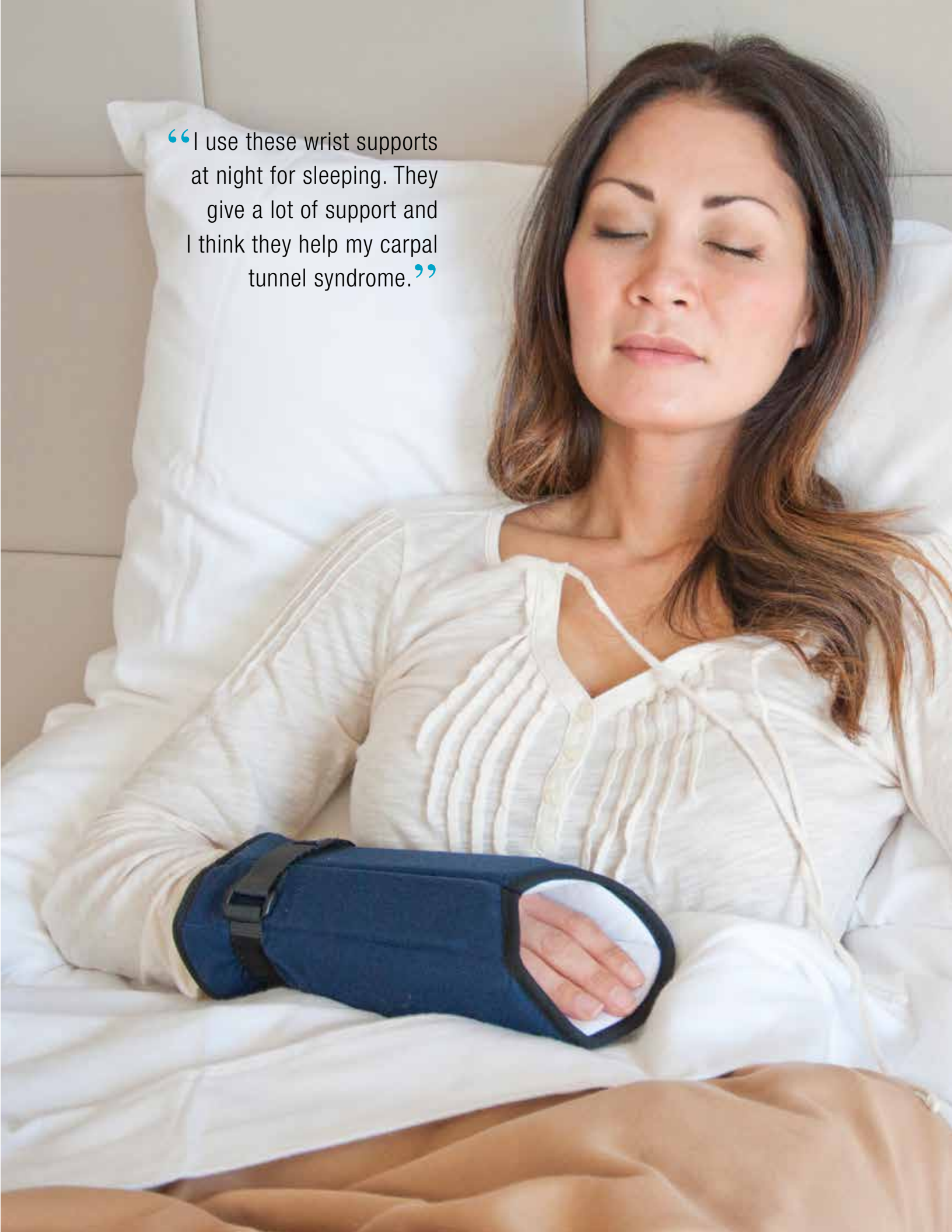
Reversible



Retail Portfolio



“I use these wrist supports at night for sleeping. They give a lot of support and I think they help my carpal tunnel syndrome.”



IMAK RSI products provide relief from repetitive stress injuries and are renowned for their comfort and efficacy.

PRODUCT LINEUP

SmartGlove	Knee Strap
SmartGlove with Thumb	Pil-O-Splint
SmartGlove PM	WrisTimer
Computer Glove	WrisTimer PM
Elbow Band	Elbow PM
Elbow Support	Arm Sling



What is your **RSI I.Q.?**

Repetitive Strain Injury (RSI) is a cumulative trauma disorder stemming from prolonged repetitive, forceful, or awkward hand movements.

More than **60%** of workplace illnesses reported each year are related to **repetitive strain injuries** resulting from continuous repetition of the same motions.

Source: instabriefs.com

3 primary risk factors for RSI:

- poor posture
- poor technique
- overuse

Source: *Repetitive Strain Injury: a Computer User's Guide* by Pascarelli and Quilter (John Wiley and Sons, 1994)



Hands are a complex array of nerves, muscles, tendons and bones – we have more than **25 bones** in each hand!

Source: NHS Choices website



In the U.S. alone, **3.7%** of the general population suffers from **Carpal Tunnel Syndrome (CTS)** with approximately **36,000 new cases diagnosed every month.**

Source: instabriefs.com

Approximately **260,000** carpal tunnel release operations are performed each year **47%** of the cases considered to be work related.



Source: National Center for Health Statistics.

The most common RSI signs and symptoms include:

- Tenderness in the affected muscle or joint
- Pain in the affected muscle or joint
- Throbbing (pulsating) sensation in the affected area
- Pins and needles (tingling) in the affected area, especially the hand or arm

Source: MedicalNewsToday.com



Proper technique: *typing, mousing and writing*

1. Keep your wrists straight.
2. Let your hands float.
3. Don't strain your fingers.

Source: *Repetitive Strain Injury: a Computer User's Guide* by Pascarelli and Quilter (John Wiley and Sons, 1994)

Repetitive Stress Injuries

Solutions for support and pain relief



U.S. Patent No. 6,213,969

SmartGlove

- Helps prevent and relieve carpal tunnel syndrome and wrist pain
- ergoBeads® cushion and protect the underside of the wrist including the Pisiform bone
- Provides all day comfort and reverses to fit either hand

Measure width at knuckles

A20111	XSmall	up to 2¼"
A20125	Small	up to 3¼"
A20126	Medium	up to 3¾"
A20127	Large	up to 4¼"



Reversible



Relief



Daytime use



SmartGlove is designed for ease of application and all day wear, IMAK SmartGlove has earned the Arthritis Foundation's Ease of Use Commendation.



U.S. Patent No. 8,216,169

Computer Glove

- Non-invasive relief for repetitive strain injuries
- Keeps wrist in ergonomic position
- ergoBeads® technology cushions and massages

A20128	Universal
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Reversible



Relief



Daytime use



WrisTimer

- Carpal tunnel wrist support
- Provides relief and treatment from repetitive stress injuries
- For daytime use

Wrist circumference

60000	Small	up to 6.5"
60010	Medium	6.5" to 7.5"
60020	Large	over 7.5"



Relief



Daytime use



Reversible



Repetitive Stress Injuries

Solutions for support and pain relief



U.S. Patent No. 7,645,250

SmartGlove with Thumb Support

- Flexible support splint helps prevent and relieve thumb and wrist pain
- Utilizes ergoBeads® filled cushion to keep wrist in desired position
- Provides all day comfort & reverses to fit either hand

Measure width at knuckles

A20161	Small	up to 3¼"
A20162	Medium	up to 3¾"
A20163	Large	up to 4¼"



Reversible



Relief



Daytime use



Elbow Support

- Provides customizable comfort with removable splint
- Promotes healing with therapeutic warmth
- Soft cotton lining and cushioning foam allow skin to breathe
- Fits right or left arm

A10113	Universal
A10110	X-Large



Breathable



Relief



Day/Night use



WrisTimer PM

- Dorsal application allows a comfortable fit and prevents flexion of the wrist
- Maintains neutral wrist positioning
- The aluminum stay holds the wrist in a neutral position

60500	Universal
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Reversible



Relief



Night use



Repetitive Stress Injuries

Solutions for support and pain relief



SmartGlove PM

- Features adjustable hook and loop strap
- Promotes healing with therapeutic warmth
- Soft cotton lining and cushioning foam allow skin to breathe
- Reversible to fit right or left hand
- Prevents harmful arm positions while sleeping

A10111 Universal



Reversible



Relief



Breathable



Elbow PM

- Provides customizable comfort with removable splint
- Promotes healing with therapeutic warmth
- Soft cotton lining and cushioning foam allow skin to breathe

A10172 Universal



Relief



Breathable



Night use



Pii-O-Splint

- ergoBeads® technology and soft cotton lining provide maximum comfort
- Reversible to fit right or left hand
- Two rigid splints prevent hand from being held in a harmful position while sleeping

A10312 Universal

A10112 Adjustable



Reversible



Relief

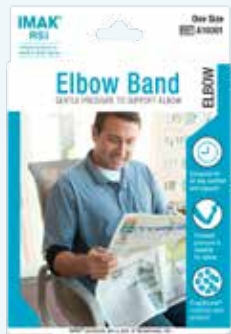


Breathable



Repetitive Stress Injuries

Solutions for support and pain relief



Elbow Band

- Helps relieve tennis and golfer's elbow, forearm pain, cubital tunnel syndrome and tendonitis
- Utilizes ergoBeads® technology and provides compression to forearm muscles and tendons
- Great for repetitive activities

A10301 Universal



Relief



ergoBeads



Knee Strap

- ergoBeads® pressure pad adjusts to the anatomy of your knee
- Helps stabilize kneecap to improve alignment and tracking
- Provides focused pressure to reduce knee pain

A30137 Universal



Relief



ergoBeads



Retail Portfolio

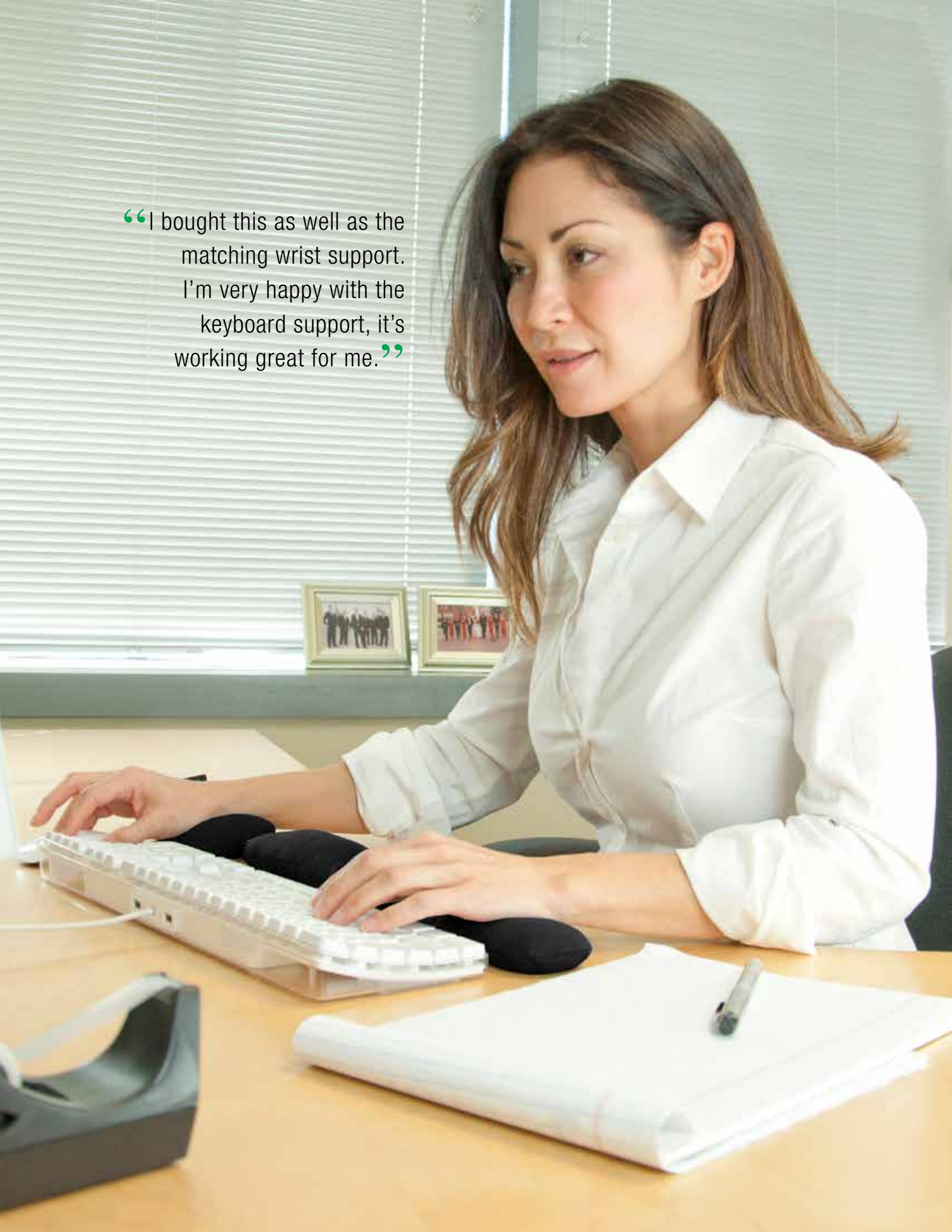
Daytime Solutions



Nighttime Solutions



“I bought this as well as the matching wrist support. I’m very happy with the keyboard support, it’s working great for me.”





IMAK ERGO products are a wonderful addition to your home or office where ergonomic support is needed. Each product is designed to provide support where it's needed to help minimize stress on joints and repetitive strain injuries.

The IMAK ERGO product line features ergoBeads®, a patented eco-friendly technology that provides massage to enhance support and encourage circulation to the desired area.

PRODUCT LINEUP

- | | |
|---------------------------|-----------------------|
| Glider with Mouse Cushion | LePetit Mouse Cushion |
| Wrist Cushion | HappiNeck |
| Mouse Cushion | Back Cushion |
| Non-Skid Wrist Cushion | Stress Ball |
| Non-Skid Mouse Cushion | |



What is your **Ergonomics I.Q.?**

1.8 million workers each year suffer from ergonomic injuries.

Source: United States Department of Labor OSHA website.



In **ERGONOMICS** people and the objects they used are viewed as one unit, blended together.

Source: instabriefs.com

 The study of **ergonomics** as a way to reduce **human error** began in the military during the **Korean War**. In **planes** used for pilot training, the **eject** button was poorly placed and pilots sometimes **accidentally** ejected themselves—often at too low an altitude for their parachutes to open.



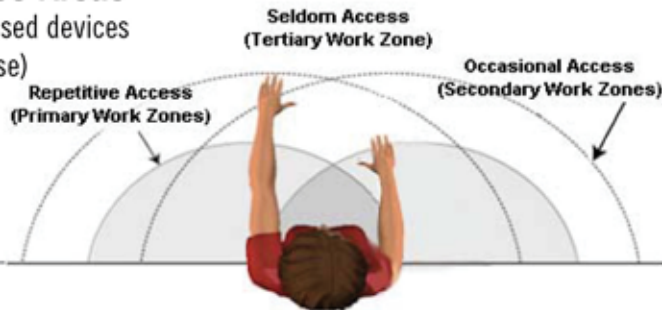
The **button's** location was changed and fewer **lives** were lost.

Source: encyclopedia.com

Desk or Work Surface Areas

The location of frequently-used devices (keyboard, phone, and mouse) should remain within the repetitive access (primary work zone).

Source: osha.gov website



Neutral Body Positioning

- is a comfortable working posture in which your joints are naturally aligned
- reduces stress and strain on the muscles, tendons, and skeletal system and reduces your risk of developing a musculoskeletal disorder

Source: osha.gov website

Most common signs of ergonomic injuries:

- Pain
- Swelling
- Numbness
- Tingling
- Tenderness
- Clicking
- Loss of grip strength



Source: nsc.org National Safety Month web page.

The practice of ergonomics is considered to be a science.



It involves the designing of machines, products, and systems to best maximize safety, comfort, and efficiency for those who use them.

Source: cdc.gov/niosh/topics/ergonomics



Office / Home Ergonomics

Solutions for support and comfort



Keyboard Cushion

- ergoBeads® help your wrist maintain an ergonomically correct position
- Moldable to hug any keyboard
- Reduces stress in your hands, wrists and arms

A10160	Black
A10161	Gray



Wrist support



ergoBeads



Stress relief



Cooling



Non-Skid Keyboard Cushion

- ergoBeads® help your wrist maintain an ergonomically correct position
- Moldable to hug any keyboard
- Non-skid bottom keeps it in place

A10173	Black
--------	-------



Wrist support



ergoBeads



Stress relief



Cooling





Office / Home Ergonomics

Solutions for support and comfort



Mouse Cushion

- ergoBeads® help your wrist maintain an ergonomically correct position
- Squeezable for stress relief
- Reduces stress in your hands, wrists and arms

A10165 Black

A10166 Gray



Wrist support



ergoBeads



Stress relief



Cooling



Non-Skid Mouse Cushion

- ergoBeads® help your wrist maintain an ergonomically correct position
- Squeezable for stress relief
- Non-skid bottom keeps it in place

A10174 Black



Wrist support



ergoBeads



Stress relief



Cooling



LePetit Cushion

- ergoBeads® help your wrist maintain an ergonomically correct position
- Smaller size version of IMAK Ergo Mouse Cushion, ideal for use with laptop and accessories
- Non-skid bottom keeps it in place

A20212 Black

A10123 Blue



Wrist support



ergoBeads



Stress relief



Cooling



Glider with Mouse Cushion

- ergoBeads® help your wrist or elbow maintain an ergonomically correct position
- Helps prevent repetitive stress injuries in wrist, forearm and elbow

A20215 Black



Wrist support



Glider



U.S. Patent No. 9,301,600



Office / Home Ergonomics

Solutions for support and comfort



StressBall

- Utilizes ergoBead® technology
- Squeezable stress relief
- Made of a soft cotton blend for comfort and stretch

A10129	Blue
A10130	Black
A10156	Gray



ergoBeads



Stress relief



BackCushion

- Unique ergoPressure™ technology for pressure point massage
- Ergonomic shape reduces lower back stress
- Magnet therapy enhances massage

A30122	Black
--------	-------



Traveling



Driving



Office



HappiNeck

- Helps ease neck pain and stiffness
- Compact and lightweight for easy travel
- Supports neck and head for relaxation

A30111	Beige
A30112	Blue



Sleeping



Traveling



Driving





Retail Portfolio



“The NüRoo Pocket is a life saver! He LOVES being tucked against me and it makes getting stuff done around the house possible. Great product!”



05



Closest to Mom. Best for Baby.™

Over 40 years of research has proven that in the early months of life, Skin-to-Skin contact, also referred to as Kangaroo Care, creates remarkable benefits for you and your baby.

NüRoo products are designed around a simple principle.
Closest to Mom. Best for Baby.

PRODUCT LINEUP

Skin-to-Skin Carrier

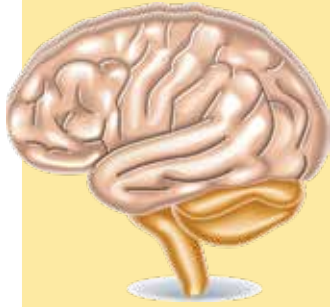
Nursing Scarf

3 sizes in 1 Swaddler

Multi-Use Cover



What is your **Kangaroo Care I.Q.?**



Accelerates
Brain Development
It increases the development of essential neural pathways, which accelerates brain **maturation**.

20 minutes
Skin-to-Skin
contact

Measurably lowers cortisol levels (stress hormone) and helps reduce pain when Kangaroo Care is experienced regularly.

Development of mature brain function in infants depends on the quality of their sleep cycling.

Kangaroo Care helps infants achieve deep or "Quiet Sleep" for 60 minutes or more.

Quiet Sleep is beneficial for accelerating brain patterning and maturation.



Skin-to-Skin stimulates an infants

IMMUNE

Mom's mature immune system passes antibodies through her skin and breast milk to baby.



of Skin-to-Skin restores the right balance for optimal GI function in an infant's digestive system.

of sporadic breathing and slow heart rate episodes are *reduced* through Skin-to-Skin.



Thermoregulation

A process that occurs automatically when an infant is held skin-to-skin to help them maintain a healthy body temperature.



Scan for product demo



Kangaroo Care + Skin-to-Skin

Designed for Skin-to-Skin contact with baby

NÜROO



U.S. Patent No. 9,402,430 B2

NÜROO POCKET

- Newborn carrier designed for pre- and full-term babies
- NICU friendly/approved
- Allows access to baby during routine hospital procedures
- Provides full coverage and hands-free mobility
- Super-soft, breathable, moisture-wicking fabric

08005	XSmall/Small
08006	Medium
08007	Large/XLarge
08008	2 XLarge
08030	3/4 Sleeve - XSmall/Small

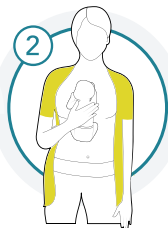


HOW to WEAR



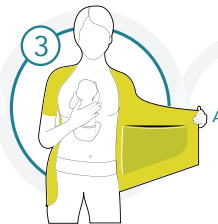
ATTACH BELT TO SHIRT

Lay belt across the midsection and fix to shirt by snapping at highest set of buttons.



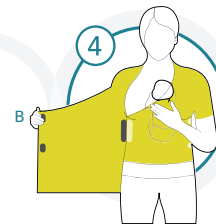
PUT ON YOUR NÜROO

It goes on just like a blouse.



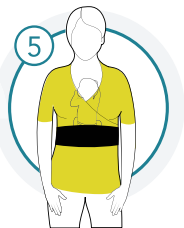
POSITION BABY'S LEGS IN POCKET

Hold baby against your chest placing their legs in the interior pocket.



CROSS + HUG

Adhere closures for your perfect fit.



SUPPORT BELT

Position under baby's bottom for additional support.



Nursing + Feeding

A nursing scarf with endless options for coverage + style

NÜROO



U.S. Patent No. 29/491,287

NÜROO SCARF

- Patented design
- Great for on-the-go nursing
- Versatile and stylish
- Comfortable, adjustable fit
- Snaps on either end allow for customized coverage and discrete nursing



Soft



Washable



08120 Gray Stripe

HOW *to* WEAR



THE BACKDROP



THE BANDIT



THE TUNIC



THE SCARF



THE SHRUG



THE VEST



08106 Floral Dot



Nursing + Feeding

A nursing scarf with endless options for coverage + style

NÜROO



NÜROO SCARF

- Patented design
- Great for on-the-go nursing
- Versatile and stylish
- Comfortable, adjustable fit
- Snaps on either end allow for customized coverage and discrete nursing



U.S. Patent No. 29/491,287



08105 Coral Ombre (muslin)



08102 Indigo Diamond



08115 Herringbone

HOW *to* WEAR



THE BACKDROP



THE BANDIT



THE TUNIC



THE SCARF



THE SHRUG



THE VEST



Nursing + Multi-Purpose Cover

A multi-purpose cover with 360° coverage on + off mom



NÜROO MULTI-PURPOSE COVER

- Easy on + off. No straps, rings or buckles
- Fashionable, breathable and stretchy
- Flexible neck with room to “check-in”
- Folds away for simple storage
- Stays put. Won’t be kicked or pulled off

08101 Ivory with Black Stripe



Nursing

Basket

Car seat



NÜROO MULTI-PURPOSE COVER

- Easy on + off. No straps, rings or buckles
- Fashionable, breathable and stretchy
- Flexible neck with room to “check-in”
- Folds away for simple storage
- Stays put. Won’t be kicked or pulled off

08103 Heather Gray



Nursing

Basket

Car seat





Swaddling

3 sizes-in-one for swaddling baby



Patent Pending 14/570,202.

NUROO SWADDLER

- 3 sizes in 1 - A perfect fit for every stage
- Approved for use with pre- and full-term babies
- Choice of arm positions for baby
- Wide leg pockets help promote healthy leg/hip development
- Easy stretch fabric



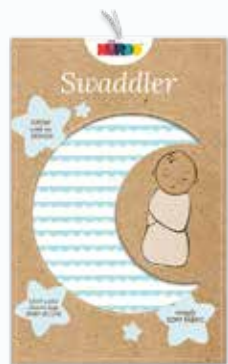
Stretchable



Washable



08281 Goodnight Stars



Patent Pending 14/570,202.

NUROO SWADDLER

- 3 sizes in 1 - A perfect fit for every stage
- Approved for use with pre- and full-term babies
- Choice of arm positions for baby
- Wide leg pockets help promote healthy leg/hip development
- Easy stretch fabric



Stretchable



Washable



08282 Scalloped Stripe



Patent Pending 14/570,202.

NUROO SWADDLER

- 3 sizes in 1 - A perfect fit for every stage
- Approved for use with pre- and full-term babies
- Choice of arm positions for baby
- Wide leg pockets help promote healthy leg/hip development
- Easy stretch fabric



Stretchable

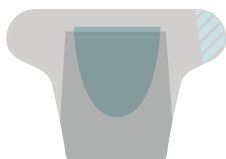


Washable



08225 Deep Space

THREE SIZES IN ONE ★ GROWS WITH BABY



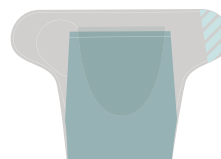
SIZE 1

BIRTH - 18"
small pocket



SIZE 2

18" - 24"
medium pocket

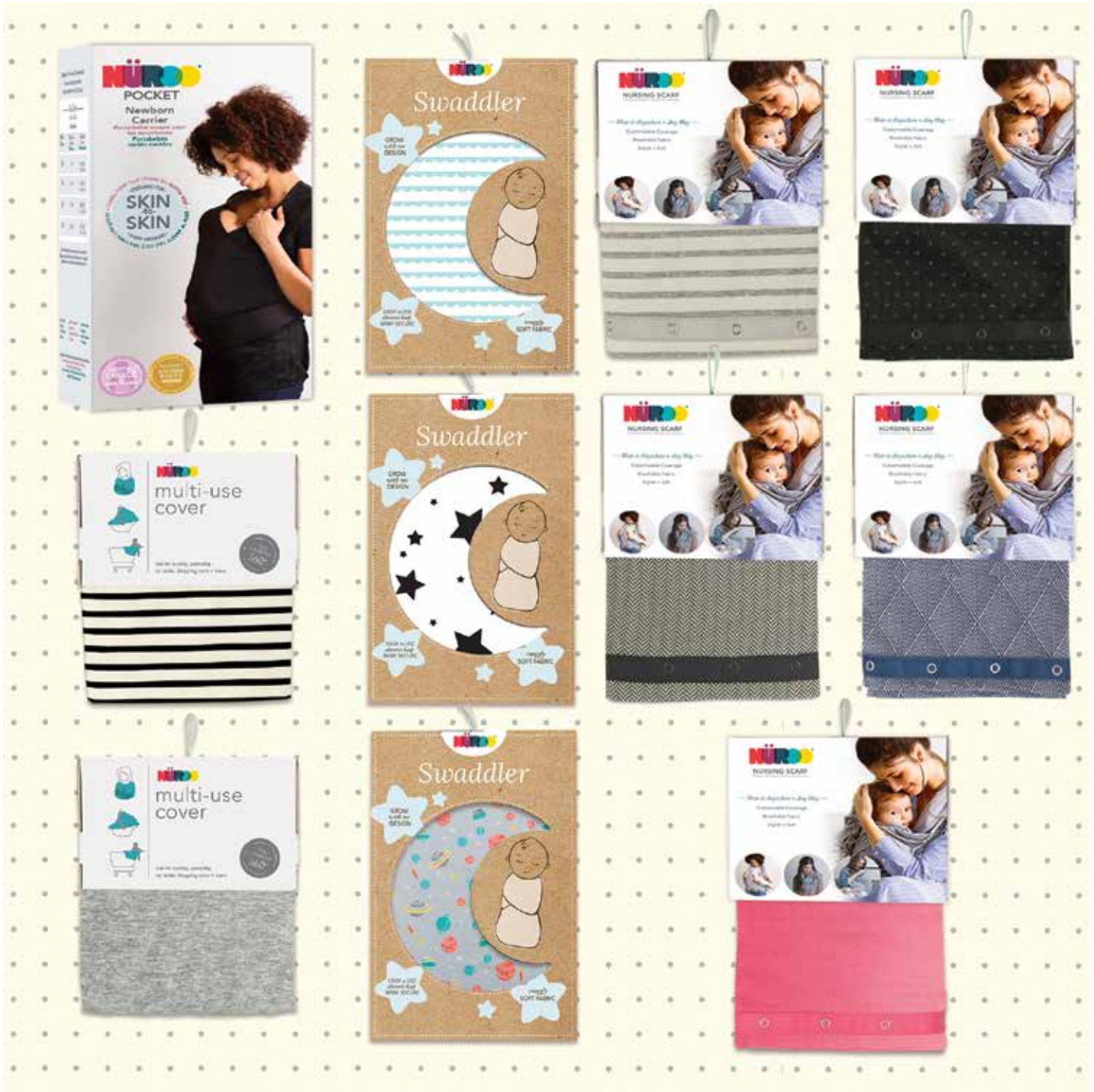


SIZE 3

24" - 28"
grow seam released



Retail Portfolio



“The Intellinetix Therapy
Gloves relieve some pain from
the cold winter nights. Definitely
worth trying. The only problem
I have is when I turn them on
everyone around me wants
a neck massage.”



Intellinetix is the first line of products to combine targeted vibration therapy in a portable device at an affordable cost. Vibration therapy works in two ways. First, the gentle vibrations stimulate muscles and ligaments to increase blood circulation. Second, the vibrations serve as a sensory distraction, disrupting pain signals that are constantly traveling from your body to your brain and replacing them with gentle, massaging sensations. Best of all, with vibration therapy, there is no feeling of electric shock commonly associated with TENS units.

PRODUCT LINEUP

Therapy Gloves

Therapy Mask

Headache Band

Ankle Therapy Wrap

Back Therapy Wrap

Calf/Shin Therapy Wrap

Knee/Elbow Therapy Wrap

Quad/Thigh Therapy Wrap

Universal Therapy Wrap

Therapy Calf/Shin Wrap

Therapy Knee/Elbow Wrap

Vibrating Step Sensor



What is your **Vibration Therapy I.Q.?**

Vibration Therapy Benefits

- increase blood & lymph circulation
- reduce pain & inflammation
- promote the immune response
- help joint strength & flexibility
- increase healing of fractures, strains, & sprains
- decrease stress & increase energy levels
- aid in detoxification & removal of wastes from the body

Source: www.vibeforhealth.com

Studies indicate **vibration therapy** may be useful in **muscle rehabilitation** after acute injury.

Source: Does whole body vibration training affect knee kinematics and neuromuscular control in healthy people? *Journal of Sports Sciences*, Volume 30, Issue 14, 2012, pages 1537-1544

5 minutes of low level vibration therapy was as effective at reducing muscle soreness after strenuous exercise as a 15 minute massage in a recent clinical study.



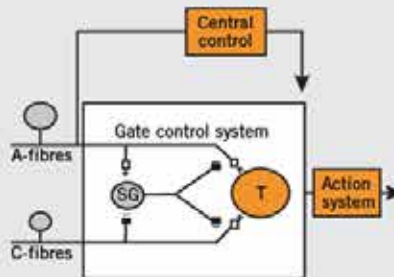
Source: To Compare the Effect of Vibration Therapy and Massage in Prevention of Delayed Onset Muscle Soreness (DOMS) *Journal of Clinical and Diagnostic Research : JCDR*, Jan 2014; 8(1):133

In a study comparing the effect of vibration therapy and massage in prevention of Delayed Onset Muscle Soreness, vibration was superior for clinical early reduction of pain.

Source: *Vibration Therapy in Management of Delayed Onset Muscle Soreness (DOMS)*, *Journal of Clinical and Diagnostic Research*, Jun 2014;8(6):LE01-4.

Gate Control Theory of Pain

The Gate control theory of pain was first proposed in 1965 and ultimately revolutionized pain research. "Gate control" is the term used to describe pain relief by confusing your body's own nerves and distracting away from the pain. Nerve sensations of vibration "shut the gate" on the small, fast sharp pain sensations.



Source: "Theories of pain: from specificity to gate control". *Journal of Neurophysiology* 109 (1): 5-12.

"In a study of patients suffering acute or chronic musculoskeletal pain of different origin,

69% reported a **reduction of pain during vibratory stimulation**

at or around the surrounding area of pain. The maximal duration of pain relief was found when stimulation lasted 25-45 minutes."

Source: *Pain alleviation by vibratory stimulation*. Lundberg T, Nordemar R, Ottosson D. 1984 Sep;20(1):25-44.

VIBRATION THERAPY on the KNEE has been shown to:

decrease pain,
improve range of motion +
enhance quality of life

in patients with osteoarthritis of the knee when used as part of a comprehensive recovery program.

Source: Efficacy of combined local mechanical vibrations, continuous passive motion and thermotherapy in the management of osteoarthritis of the knee. *Osteoarthritis Cartilage*. 2009 Oct;17(10):1269-74.

A **2017** clinical study by the Pain Management Center in conjunction with Brigham and Women's Hospital and Harvard Medical School found Intellinetix vibration therapy may significantly reduce pain among those living with arthritis.



Patent Number 13/948,264.

Therapy Gloves

- Embedded vibration
- Positive affirmation grip pattern
- Soft, breathable cotton with compression fit
- Adjustable levels of vibration
- Recharges easily

Item #	Unisex Sizes
07230	Small
07231	Medium
07232	Large



Patent Number 7,601,168. Other patents pending.

Therapy Mask

- Adjustable levels of vibration
- Patented dart design avoids irritating eyelids
- Embedded vibration provides targeted relief
- Adjustable band holds mask in place
- Recharges easily

Item #	Universal size
07236	One size



Headache Band

- Adjustable levels of vibration
- Embedded vibration provides targeted relief
- Adjustable band holds band in place
- Recharges easily

Item #	Universal size
07238	One size





Ankle Therapy Wrap

- Designed specifically to fit Ankle
- Targeted relief from pain
- Customized therapy modes
- Included HUB locks securely in place
- Adjustable strap holds band in place
- Recharges easily

Item #	Unisex
07242	One size



Back Therapy Wrap

- Designed specifically to fit Back
- Targeted relief from pain
- Customized therapy modes
- Included HUB locks securely in place
- Adjustable strap holds band in place
- Recharges easily

Item #	Unisex
07239	One size



Calf/Shin Therapy Wrap

- Designed specifically to fit Calf/Shin
- Targeted relief from pain
- Customized therapy modes
- Included HUB locks securely in place
- Adjustable strap holds band in place
- Recharges easily

Item #	Unisex
07237	One size





Knee/Elbow Therapy Wrap

- Designed specifically to fit Knee/Elbow
- Targeted relief from pain
- Customized therapy modes
- Included HUB locks securely in place
- Adjustable strap holds band in place
- Recharges easily

Item #	Unisex
07235	One size



Quad/Thigh Therapy Wrap

- Designed specifically to fit Quad/Thigh
- Targeted relief from pain
- Customized therapy modes
- Included HUB locks securely in place
- Adjustable strap holds band in place
- Recharges easily

Item #	Unisex
07241	One size



Universal Therapy Wrap

- Designed for maximum flexibility of fit and placement
- Targeted relief from pain
- Customized therapy modes
- Included HUB locks securely in place
- Adjustable strap holds band in place
- Recharges easily

Item #	Unisex
07240	One size





U.S. Patent No. 6,958,681

Vibrating Step Sensor

- Provides a gentle reminder in the form of vibration as user takes a step
- May reduce falls and tripping
- Applies easily with hook and loop closure
- Fits discreetly inside athletic or dress shoes
- Recharges easily
- Prescription required

Item #	Universal size
07105	One size





“I had shoulder surgery and this sling is wonderful!!! It fit all of my needs. It did it's job at immobilizing my shoulder. I could shower with it and it would dry quickly.”





Joslin Arm Slings were created to deliver the ultimate in comfort, fit and support. Since the introduction in 2000, our arm slings have received rave reviews from patients, healthcare professionals, elite athletes and celebrities alike.

Unlike traditional cloth slings, the unique combination of our stretch fabric and patented design assure a custom fit. The Ultimate Arm Sling®, our flagship product, was designed especially to relieve painful pressure points while providing maximum support and stability for both short and long term use.

PRODUCT LINEUP

Ultimate Arm Sling

Joslin ER Sling

Joslin Combo





Arm Slings

Designed for extraordinary comfort

STRETCH

Ultimate ARM SLING®

- Cotton spandex arm sling.
- Evenly eliminates pressure points while dramatically reducing neck fatigue.
- Easily adjusts in seconds.
- Latex free.
- Machine washable and tumble dry.
- Can be used for temporary, long term or permanent disabilities.

Toddler/Small Child

Item #	Weight	Height
J50001CS	25 - 50 lbs	2'5" - 3'75"

Child/Small Adult

Item #	Weight	Height
J50101CS	50 - 90 lbs	3'5" - 5'

Average Adult

Item #	Weight	Height
J50201CS	90 - 250 lbs	5' - 6'

Pro-3Xtra

Item #	Weight	Height
J50301CS	225 - 300 lbs	6' - 6'7"

Goliath

Item #	Weight	Height
J50401CS	300 + lbs	6'7" +



JOSLIN ER+Sling®

- Disposable arm sling.
- Made of soft disposable fabric that adjusts for custom comfort and fit.
- Designed for use anywhere arm slings are used in high volume for short-term injuries.
- Latex free.
- Clean with damp cloth.
- Fits both left and right arms.

Child/Small Adult

Item #	Weight	Height
J61538	50 - 90 lbs	3'5" - 5'

Adult

Item #	Weight	Height
J62538	90 - 250 lbs	5' - 6'

Triple XXX

Item #	Weight	Height
J63538	225 - 300 lbs	6' - 6'7"



U.S. Patent No. 7,018,349
CAN Patent No. 2,584,273
EP Patent No. 1,807,207



Arm Slings

Designed for extraordinary comfort

JOSLIN SWATHE®

- Effective, comfortable immobilizing strap for Ultimate Arm Sling.
- Made of lightweight fabric that adheres to hook and loop.
- Easily adjusted in seconds.
- Latex free.
- Machine washable and dryable.
- Designed for right and left arms.

Child

Item #	Weight	Height
J50601ZL	50 - 90 lbs	3'5" - 5'

Adult

Item #	Weight	Height
J50501ZL	90 - 250 lbs	5' - 6'

Goliath

Item #	Weight	Height
J50701ZL	300 + lbs	6'7" +



- Three-in-one kit which includes an Ultimate Arm Sling, abductor pillow and a waistband immobilizer.
- Made of lightweight fabric that adheres to hook and loop.
- Easily adjusted in seconds.
- Latex free.
- Machine washable and dryable.
- Designed for right and left arms.

Adult Regular

Item #	Weight	Height	Waist size
711J	100 - 200 lbs	5' - 6'	29 - 38"

Adult Large

Item #	Weight	Height	Waist size
712J	200 + lbs	6' - 6'7"	37 - 52"





Retail Portfolio

JOSLIN



“Good splint, comfortable and it helps keep my heels from hurting in the morning. I am glad I bought this one!”



Nice Stretch helps to alleviate plantar fasciitis and heel pain with six products, including the innovative Nice Stretch Plantar Fasciitis Sleeve, all designed with patient comfort in mind. Three are available in retail packaging, two are patented, and one is commended by the Arthritis Foundation for ease of use. Fixed-angle, adjustable, with or without cold therapy, universal or sized, day or night, Nice Stretch has the right splint to fit all of a consumer's needs.

PRODUCT LINEUP

Nice Stretch Original

Nice Stretch Plantar Fasciitis Sleeve

Nice Stretch 90

Nice Stretch Dorsal

Nice Stretch X

Total Solution Plantar Fasciitis Relief Kit

Nice Stretch XLite



What is your **Plantar Fasciitis I.Q.?**



Plantar fasciitis is one of the **most common** causes of heel pain.

Source: Mayo Clinic

According to one study,

88% of patients experienced significant improvements after using a dorsiflexion night splint for one month.¹

Arthritis Foundation

Ease of Use™



Nice Stretch X-Lite
has received the
Ease-of-Use
Commendation from
the Arthritis Foundation.

We believe dorsiflexion splints provide relief from the symptoms of recalcitrant plantar fasciitis in the majority of patients.¹

Plantar fasciitis is common among a broad range of occupations including athletes, soldiers, factory workers, construction workers, teachers and more.



NICE STRETCH was the first night splint on the market with built-in cold therapy.



Scan for product demo or visit brownmed.com/videos for more information.

AAOS

The American Academy of Orthopaedic Surgeons

"A night splint is very effective in the treatment of Plantar Fasciitis."

1. Effective Treatment of Chronic Plantar Fasciitis with Dorsiflexion Night Splints: A Crossover Prospective Randomized Outcome Study Powell M, Post WR, Keener J, Wearden S; Foot Ankle Int'l; Jan 1998; 19(1)



Day/Night Supports

Splints and Supports for Plantar Fasciitis Relief



Patent Pending 14/628,856.

Plantar Fasciitis Sleeve

- Daytime option for Plantar Fasciitis
- Utilizes X-Stretch Technology
- Reusable
- Bamboo charcoal fiber has antibacterial and deodorizing properties
- Comfortable to use all day

Item#	Size	Men Shoe Size	Women Shoe Size	European Size
53100	Small/Medium	< 5	< 6	< 36
53101	Large/X-Large	> 7	< 6	> 36.5



XLite

- Comfortable, lightweight design
- Compact retail packaging
- Easy application and removal
- Simple crisscross tension straps
- Comfortable to use all night

Item#	Size
50320	Universal



X

- Soft, comfortable exterior
- Compact retail packaging
- Supportive internal framework
- Simple crisscross tension straps

Item#	Size	Men Shoe Size	Women Shoe Size
51030	Small	< 6	< 6
51031	Medium	6-8	> 6
51032	Large	9-11	10-12
51033	X-Large	>11	>12



U.S. Patent No. 6,267,742



Night Supports

Splints and Supports for Plantar Fasciitis Relief

90°

- Fixed angle support
- Rigid, low profile design
- Non-skid treads
- Removable ice pack and toe lift

Item#	Size	Men's	Women's
50311	Small/Medium	< 11	< 10
50312	Large/X-Large	> 11	> 10



Original

- Fully adjustable tension straps
- Collapsible, low profile design
- Soft, comfortable exterior
- Removable ice pack and toe lift

With Ice Item#	Size	Men's	Women's	Without Ice Item#
51000	Small	< 5	< 6	51010
51001	Medium	5-8	6-9	51004
51002	Large	9-11	10-12	51005
51003	X-Large	> 11	> 12	51006



U.S. Patent No. 6,267,742

Dorsal

- Anterior Design
- Lightweight
- Cool, comfortable
- Allows for proprioception

Item#	Size	Men's	Women's
52060	Small/Medium	3-7	4-8
52061	Large/X-Large	8-13	9-13





Round-the-Clock Solution

Splints and Supports for Plantar Fasciitis Relief



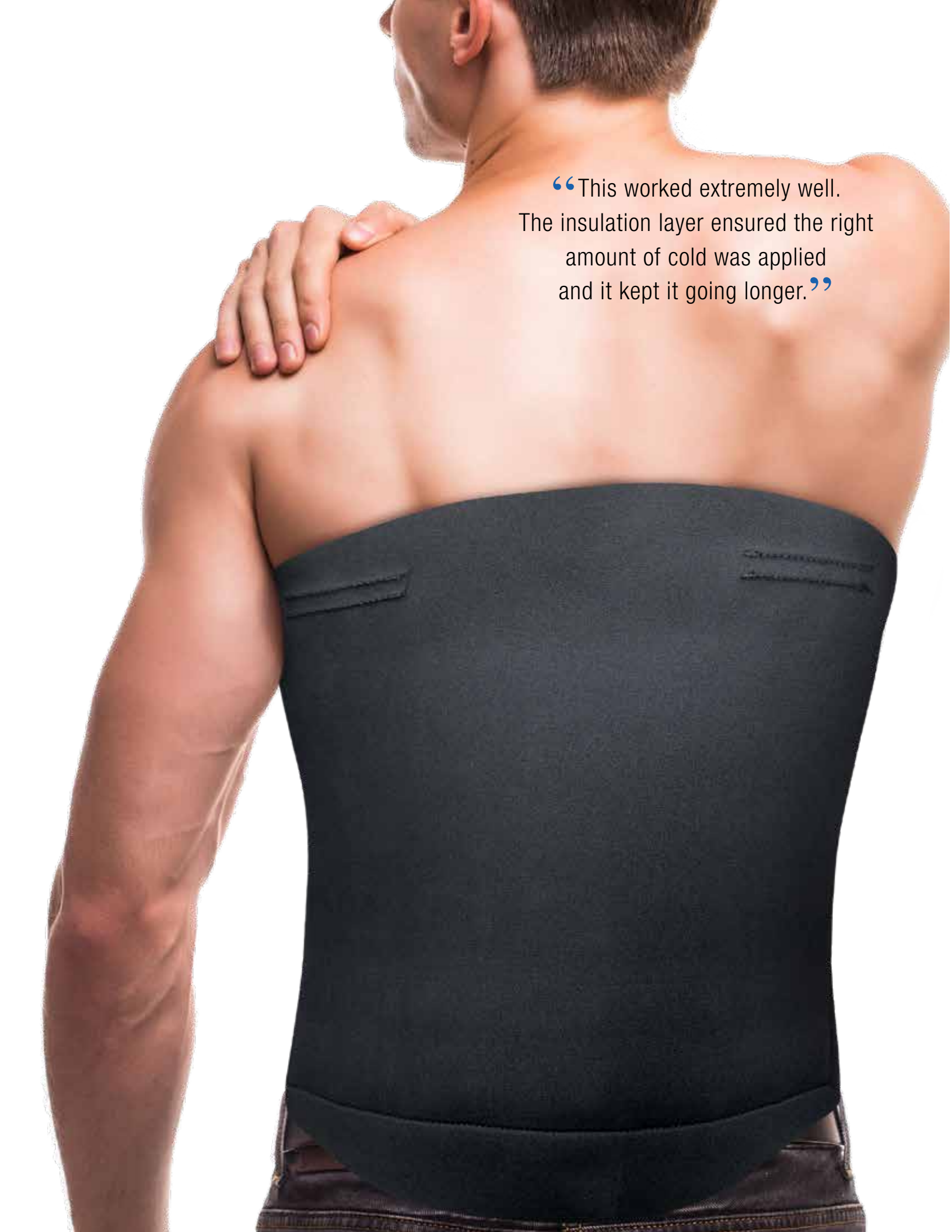
Total Solution Plantar Fasciitis Relief Kit

- Daytime sleeve delivers balanced compression that mimics taping methods to distribute pressure evenly across the foot and provides support throughout the day.
- Nighttime splint holds foot in a comfortable and neutral position, gently stretching the Plantar Fascia and the Achilles tendon during sleep.

Item#	Size	Men's	Women's
53104	Small/Medium	up to size 5	up to size 6
53105	Medium/Large	size 5 +	size 6 +





A photograph of a man from the back, wearing a black strapless back brace. His right arm is resting on his left shoulder. The background is white.

“This worked extremely well.
The insulation layer ensured the right
amount of cold was applied
and it kept it going longer.”

Cold therapy for Post-Surgical Rehabilitation and other injuries. Polar Ice delivers the benefits of cryotherapy with compression for soft tissue trauma. Encapsulated ice packs filled with purified water are encased in soft fleece material that eliminates migration of ice wrap during use. Easily adjusted with hook & loop closure straps, fleece wrap conforms to body and insulates skin to prevent frost bite. Use post-surgically, during rehabilitation and following physical activity. Effective to provide pain relief for bruises, sprains or injuries requiring cold therapy.

PRODUCT LINEUP

Standard Knee Wrap	Finger Sleeve
Foot/Ankle Wrap	Wrist & Elbow Wrap
CPM Knee Wrap	Quick Wrap
Shin Wrap	TMJ Wrap
Back Wrap	Shoulder & Hip Wrap



What is your **Cryotherapy I.Q.?**



48 hours

the time frame cryotherapy is most effective.

Its effectiveness diminishes significantly afterward

Source: orthopedics.about.com

Ice is one part of the commonly recommended **R.I.C.E. Therapy**

REST
ICE
COMPRESSION
ELEVATION



Icing for longer than

twenty minutes

can cause further tissue damage including frostbite



Source: firstaidzone.com

Patient healing time with ankle sprain

7.3 days
with ice

10.2 days
without ice

Source: chkdspportsmed.com



Cryotherapy has been proven to improve peak levels of performance and reduce post workout recovery time.

Source: Institute of Health Promotion

73%

of consultants most often advocate the use of ice

Source: orthopedics.about.com

cry·o·ther·a·py
[krah-yoh-ther-uh-pee]

noun

1. the use of extreme cold in surgery or other medical treatment.



Source: dictionary.com

Cryotherapy treats growing numbers of Repetitive Strain Injuries

Carpal Tunnel Syndrome
Tendonitis
Trigger Finger
Cubital Tunnel Syndrome
Shin Splints
Plantar Fasciitis



Source: www.saveyourself.ca

Ice massage
may be incorporated into treatments.

Apply stroking movements with an **ice pack** to bring an increased supply of blood and nutrients to the area and increase rate of **healing**.

Source: www.brianmac.co.uk

Knee / Foot

Designed for cryotherapy and compression



Arthroscopy Knee Wrap

- Easy to use, hook & loop closure
- Long lasting cold therapy
- Soft fleece conforms to body to protect skin
- Use following knee surgeries or injuries

Green/Blue	Size	Black
30103	Standard	30403
30104	Large	30404



CPM Knee Wrap

- Easy to use
- Long lasting cold therapy
- Soft fleece covering to protect skin
- Allows mobility during treatment

Green/Blue	Size	Black
30102	One size	30402



Foot/Ankle Wrap

- Easy to use, hook & loop closure
- Long lasting cold therapy
- Soft fleece conforms to body to protect skin

Green/Blue	Size	Black
30105	One size	30405



Shin Wrap

- Easy to use
- Long lasting cold therapy
- Soft fleece covering to protect skin
- For shin splints, bruises, muscle strains and more

Item#	Size	Item#	Size
30011	Small	30014	X-Large
30012	Medium	30036	Universal
30013	Large		



Arm / Hand / Back

Designed for cryotherapy and compression

Wrist/Elbow Wrap

- Easy to use
- Long lasting cold therapy
- Soft fleece covering to protect skin

Green/Blue	Size	Black
30101	One size	30401



Finger Sleeve

- Compression therapy
- Long lasting cold therapy
- Support to allow for early motion of injured finger

A10303	Small
A10304	Medium
A10305	Large



U.S. Patent No. 8,211,044 /
ZL200780041771.3



Back Wrap

- Easy to use
- Long lasting cold therapy
- For bruises, muscle strains and injuries

30108	One size
-------	----------



General Use

Designed for cryotherapy and compression



Shoulder/Hip Wrap

- Easy to use hook and loop closure
- Long lasting cold therapy
- Soft fleece covering to protect skin
- For bruises, muscle strains and injuries

Green/Blue	Size	Black
30100	One size	30400



Quick Wrap

- Easy to use hook and loop closure
- Long lasting cold therapy
- Soft fleece covering to protect skin
- For bruises, muscle strains and injuries

Green/Blue	Size	Black
30107	One size	30407



TMJ Wrap

- Easy to use hook and loop closure
- Long lasting cold therapy
- Soft fleece covering to protect skin

30109	One size
-------	----------





“I work as a PT and keep these on hand for my clients with finger injuries who still use finger splints. It really gives them some relief from the pain of a finger fracture or sprain.”



Plastalume®

Plastalume offers the best in splinting technology.

This line features the first ever aluminum/foam finger splint and has continued to grow over the years. Made of malleable aluminum with 1/4 soft live foam that can be shaped easily for any use.

Ball-shaped end prevents splint from rolling out of position and helps conform to finger. Vinyl covering covers aluminum and cleans easily. Non-latex and radiolucent, eliminating need for resplinting.

Use in clinics, hospital emergency departments, industrial clinics and athletic training rooms for quick response to finger injuries.

Contains 3 each, plus 13 most popular sizes A-1 thru AB-8.

PRODUCT LINEUP

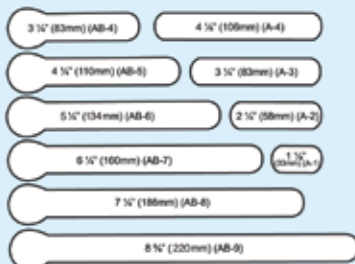
Digital & Specialty
Splint Kits

Strips

Arm / Leg Splints

Finger Splints



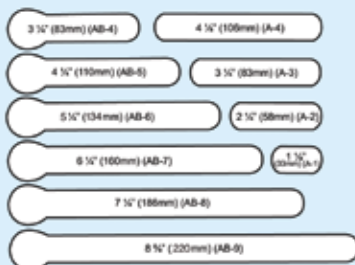


NOT SHOWN ACTUAL SIZE

Number 27 Digital Kit

- Made of malleable aluminum with 1/4" soft live foam
- Vinyl covering over aluminum cleans easily
- Easily shaped for any application
- Nonlatex and radiolucent

Item #	Description
10008	3/each of A-1 thru AB-8

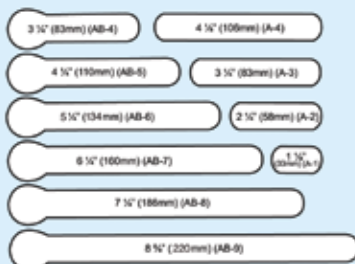


NOT SHOWN ACTUAL SIZE

Number 40 Digital Kit

- Made of malleable aluminum with 1/4" soft live foam
- Vinyl covering over aluminum cleans easily
- Easily shaped for any application
- Nonlatex and radiolucent

Item #	Description
10003	3/each of A-1 thru AB-8 + 13 most popular sizes



NOT SHOWN ACTUAL SIZE

Number 54 Digital Kit

- Made of malleable aluminum with 1/4" soft live foam
- Vinyl covering over aluminum cleans easily
- Easily shaped for any application
- Nonlatex and radiolucent

Item #	Description
10004	6/each of A-1 thru AB-8





Number 45 Specialty Kit

- Padded specialty splints
- Versatile
- Easily shaped for any application

Item #	Description
10030	45 popular sizes in plastic organizer



Number 30 Stax Mallet Kit

- Designed to support distal joint of finger in extension while permitting unrestricted movement of proximal interphalangeal joint.

Item #	Description
10021	Number 30 Stax-Mallet Kit





Cots

Item #	Size	
10901	1½"	3.8 cm
10911	2¼"	5.7 cm
10921	3"	7.6 cm
10931	3¾"	9.5 cm



Protectors

Item #	Size	
10501	1¾"	4.5 cm
10511	2¼"	5.7 cm
10521	3"	7.5 cm



Frogs

Item #	Size	
10801	2¼"	5.7 cm
10811	2¾"	7 cm
10821	3"	7.5 cm



Stax-Mallets

Beige Item #	Clear Item #	Name	Size
10701	10730	STAX 1	2" x 7/8"
10702	10731	STAX 2	2 1/8" x 7/8"
10703	10732	STAX 3	2 1/4" x 1"
10704	10733	STAX 4	1 1/2" x 1"
10705	10734	STAX 5	2 3/8" x 1 1/16"
10706	10735	STAX 5.5	2 1/2" x 1 1/4"
10707	10736	STAX 6	2 1/2" x 1 3/8"
10708	10737	STAX 7	2 1/2" x 1 7/16"



Strips



Blue Item #	White Item #	Size	
10601	10602	½"x18"	1.3x46 cm
10611	10612	¾"x18"	1.9x46 cm
10621	10622	1"x18"	2.5x46 cm
10623	10624	1.18"x18"	3x46 cm
10625	10626	1.57"x18"	4x46 cm
10631	10632	2"x16"	5x41 cm
10641	10642	3"x16"	7.5x41 cm
10651	10652	4"x16"	10x41 cm
10661	10662	½"x9"	1.3x23 cm
10671	10672	¾"x9"	1.9x23 cm
10681	10682	1"x9"	2.5x23 cm



Spoons



Item #	Size	
11011	2¼"	5.7 cm
11021	3¼"	8.3 cm
11031	6¼"	15.9 cm



Baseballs



Item #	Size	
11111	3¾"	9.5 cm
11121	4"	10.2 cm
11131	4¾"	12.1 cm

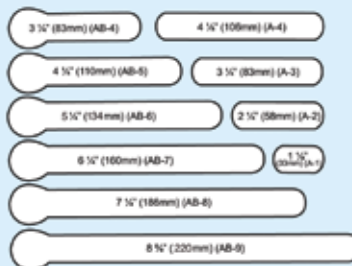




Digital Splint

- Made of malleable aluminum with 1/4" soft live foam
- Vinyl covering over aluminum cleans easily
- Easily shaped for any application
- Nonlatex and radiolucent

Item#	Size	Inches	Millimeters
10101	A-1	1 1/4"	33
10102	A-2	2 1/4"	58
10103	A-3	3 1/4"	83
10104	A-4	4 1/8"	106
10105	AB-4	3 1/4"	83
10106	AB-5	4 1/4"	110
10107	AB-6	5 1/4"	134
10108	AB-7	6 1/4"	160
10109	AB-8	7 1/4"	186
10110	AB-9	8 5/8"	220



NOT SHOWN ACTUAL SIZE



DigiWrap (Fingers) / DigiWrap Too (Toes)

- Special 1/16" neoprene provides comfortable uniform compression to injured proximal interphalangeal or PIP joint while permitting the early range of motion critical for joint healing.



DigiWrap Item#	DigiWrap Too Item #	Size
10321	10331	2.25" or less
10322	10332	2.25" - 2.5"
10323	10333	2.5" - 2.75"
10324	10334	2.75" - 3"
10325	10335	3" - 3.25"
10326	10336	3.25" - 3.5"



Arm & Leg Splints

A selection of splints



Arm Boards

- Designed with closed cell foam for durability, comfort and to prevent absorption of moisture.
- Nonlatex and malleable to contour easily.

Item #	Size	
SP10410-25	2¼"x¾"	5.7x1.9 cm
SP10415-25	3¼"x¾"	8.3x1.9 cm
SP10411-25	4"x1"	10.2x2.5 cm
SP10412-25	4⅞"x¾"	10.5x2 cm
SP10414-25	4½"x1½"	11.4x3.8 cm
SP1016-25	6"x1½"	15.2x3.8 cm
SP10417-25	8"x2⅞"	20.32x5.4 cm
SP10418-25	10x2¼"	25.4x5.7 cm



Classic Forearm Splint

- Vinyl coated aluminum splint is molded and shaped to forearm contour.
- Nonlatex, 1/4" foam padding provides comfort.

Left Item#	Pad Size	Right Item#
12113	Small	12111
12123	Medium	12121
12133	Large	12131

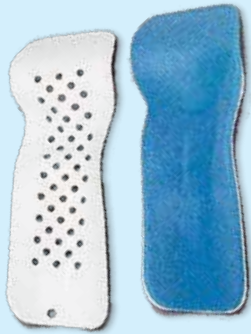


Colles Splint

- Vinyl coated aluminum splint conforms to shape of arm and hand.
- Nonlatex, 1/4" foam padding provides comfort.

Left Item#	Pad Size	Right Item#
12013	Small	12011
12023	Medium	12021
12033	Large	12031





Metacarpal Splint

- Vinyl coated aluminum splint conforms to shape of hand, wrist and forearm.
- Nonlatex, 1/4" foam padding provides comfort.

Left Item#	Pad Size	Right Item#
12413	Small	12411
12423	Medium	12421
12433	Large	12431



Palm Metacarpal Splint

- Vinyl coated aluminum splint conforms to shape of hand.
- Nonlatex, 1/4" foam padding provides comfort.

Left Item#	Pad Size	Right Item#
12513	Small	12511
12523	Medium	12521
12533	Large	12531



Posterior Elbow Splint

- Vinyl coated aluminum splint provides immobilization and support for elbow in flexed position.
- Nonlatex, 1/4" foam padding provides comfort.

Item#	Pad Size
13111	Small
13121	Medium
13131	Large




Posterior Tibia/Fibula Splint

- Vinyl coated aluminum knee length splint available with or without foot.
- Lightweight and malleable enough to be custom formed.
- Nonlatex, 1/4" foam padding provides comfort.

Size		UnPad Item#	Pad Item#
Small 12"	w/ Foot	15010	15011
Medium 14"	w/ Foot	15020	15021
Large 16"	w/ Foot	15030	15031





“Worth every penny, makes
11-hour days walking on
feet 100% better. I definitely
recommend the HEEL HUGGER
to anybody who suffers from
any kind of heel discomfort.”

SteadyStep[®] products make walking easier and more comfortable. The SteadyStep line includes a variety of lower extremity products, five of which are patented. With SteadyStep[®], patient comfort is top of mind.

PRODUCT LINEUP

Heel Hugger	Toe Hold
Perform 8	Herbst Cradle
Satin Heels	Steady Step Walker
Sol Step	





Heel Hugger

- Provides relief to heel pain and inflammatory problems
- Sewn-in sealed ice gel pads
- Provides soothing cold therapy
- Supportive neoprene material provides compression

50161	Small w/magnets
50162	Medium w/magnets
50163	Large w/magnets
50164	X-Large w/magnets
50071	Small w/o magnets
50072	Medium w/o magnets
50073	Large w/o magnets
50074	X-Large w/o magnets



Cold therapy



Compression



Pain relief



Satin Heels

- Exfoliating pads inside gently remove dry skin and calluses during sleep
- Use with or without moisturizing cream – elastic support ensures lotions don't transfer onto bedding

50145	Universal size
-------	----------------



Exfoliating



Night use



Pain relief



Wear with shoes

Sol Step

- Provide improved cushion and shock absorption on the plantar aspect of the heel
- Gel pad, located under the heel, cushions each step
- Neoprene stocking-like support fits comfortably in the shoe

50040	Small
50041	Medium
50042	Large
50043	X-Large



U.S. Patent No. 7,056,299



Compression



Pain relief

Toe Hold

- Comfortable compression and support
- May be used to support soft tissues and maintain correction

Right Foot	Size	Left Foot
50201	Small/Medium	50202
50203	Medium/Large	50204



Flexible



Easy



Supportive

Perform 8

- Quick, easy and effective method of stabilization similar to prophylactic ankle taping
- Includes foam pads parallel to the Achilles tendon, providing protection and relieving posterior pressure
- Effective treatment for chronic ankle sprains and weak ankles

Item #	Size
50051	Small
50052	Medium
50053	Large
50054	X-Large



Ankle Support



Arch Support

Steady Step Walker

- Universal adjustable arch support
- Low profile rocker sole
- Easy and comfortable alternative to casting
- Shock absorbing foam insole and flexible locking tongue
- Unique ankle stabilization system firmly supports the arch, heel and malleoli

Low top	Size	High top
52031	Small	52021
52032	Medium	52022
52033	Large	52023



U.S. Patent No. 6,361,514

“Great answer for tender heels, and they seem to stay put in your shoes!”



Soft Stride is a comprehensive line of flexible foot orthotics that addresses many specific ailments and injuries to feet, heels, ankles, arches and legs. These products help patients avoid or delay surgery, attenuate shock and provide pain relief. Athletes receive comfort during strenuous training and people who stand for long periods benefit from decreased fatigue and pain. The viscoelastic polymer mimics the qualities of soft body tissue. This unique polymer provides redistributes pressure and attenuates impact.

PRODUCT LINEUP

Hindfoot

Forefoot

Insoles / Underliners

Sheets





Bone Spur Pad

- Relieves direct pressure in heel spur, bruised and sensitive area.
- Viscoelastic polymer mimics the qualities of soft body tissue
- Provides pain relief

Item#	Size	Men	Woman	European size
71301	Small	4 - 6	5 - 7	36 - 38½
71302	Medium	6½ - 10½	7½ - 11½	30 - 43½
71303	Large	11+	12+	44



Extended Heel Cushion

- Absorb heel strike shock, useful in treating plantar fasciitis, heel strike impact reduction and Achilles tendonitis.
- Viscoelastic polymer mimics the qualities of soft body tissue.

Item#	Size	Men	Woman	European size
71311	Small	4 - 6	5 - 7	36 - 38½
71312	Medium	6½ - 10½	7½ - 11½	30 - 43½
71313	Large	11+	12+	44



Heel Wedge

- Fifteen degree angle is useful for leg length discrepancy, Achilles tendonitis and heel strike impact reduction.
- Viscoelastic polymer mimics the qualities of soft body tissue

Item#	Size	Men	Woman	European size
71341	Small	4 - 6	5 - 7	36 - 38½
71342	Medium	6½ - 10½	7½ - 11½	30 - 43½
71343	Large	11+	12+	44



Longitudinal Arch Support

- Support and maintain normal longitudinal arch.
- Viscoelastic polymer mimics the qualities of soft body tissue
- Provides pain relief

Item#	Size	Men	Woman	European size
71351	Small	4 - 6	5 - 7	36 - 38½
71352	Medium	6½ - 10½	7½ - 11½	30 - 43½
71353	Large	11+	12+	44



MultiPad

- Provide an anatomical support pad that can be used as medial/lateral posting orthotic or neutral heel cup.
- Viscoelastic polymer mimics the qualities of soft body tissue

Item#	Size	Men	Woman	European size
71371	Small	4 - 6	5 - 7	36 - 38½
71372	Medium	6½ - 10½	7½ - 11½	30 - 43½
71373	Large	11+	12+	44



Posting Wedge

- Used with other Soft Stride products to maintain original placement with its self-adhering properties.
- Viscoelastic polymer mimics the qualities of soft body tissue

Item#	Size	Men	Woman	European size
71381	Small	4 - 6	5 - 7	36 - 38½
71382	Medium	6½ - 10½	7½ - 11½	30 - 43½
71383	Large	11+	12+	44





Metatarsal Pad

- Provides conservative approach for treatment of pain in and around head of metatarsal or metatarsophalangeal joint.
- Viscoelastic polymer mimics the qualities of soft body tissue

Plain Item#	Size	Men	Woman	European	With Top Cover Item #
71361	Small	4 - 6	5 - 7	36 - 38½	71366
71362	Medium	6½ - 10½	7½ - 11½	30 - 43½	71367
71363	Large	11+	12+	44	71368



Tender Foot Pad

- Superior for separating the metatarsal shafts and cushioning the metatarsal heads.
- Viscoelastic polymer mimics the qualities of soft body tissue
- Unique design alleviates pain and discomfort in forefoot.

Item#	Size	Men	Woman	European
71411	Small	4 - 6	5 - 7	36 - 38½
71412	Medium	6½ - 10½	7½ - 11½	30 - 43½
71413	Large	11+	12+	44



Thin Insoles

- Reduce shock over entire plantar surface with lightweight and thinner forefoot design.
- Contain extra polymer in heel and arch areas to reduce shock.

Item#	Size	Men	Woman	European
71421	A	3 - 5	4 - 6	34½ - 37
71422	B	6 - 8	7 - 9	38½ - 40½
71423	C	9 - 11	10 - 12	41½ - 44
71424	D	12 - 14		45½ - 48
71425	E	15 - 17		48 +



Underliners

- Designed with equal thickness over entire surface, absorbing shock to plantar surface on foot
- Relieve pain due to degenerative fat pads.

Item#	Size	Men	Woman	European
71430	A		4½ - 5½	35 - 36½
71431	B		6 - 7	37 - 38½
71432	C	6½ - 7½	7½ - 8½	39 - 40
71433	D	8 - 9	9 - 10	40½ - 42
71434	E	9½ - 10½	10½ - 11½	42½ - 43½
71435	F	11 - 12	12 +	44 - 45½
71436	G	12½ - 13½		46 - 47
71437	H	14 - 15		48 - 49
71438	I	15½ - 16½		50 - 51
71439	J	17 - 18		52 +



Sheet Products

- Provide an alternative to preformed foot orthotics.
- Useful for customization or when making an orthotic is desired.
- Diamond design allows for polymer flow when pressure is applied creating a softer feel.

Item#	Size
71406	1/4" Diamond



“**Must have for hockey.** The Body Furnace is amazing! Keeps me super warm and makes the other hockey parents jealous!”





BODY FURNACE®

HEAT THE CORE, WARM THE BODY

Designed to perform in extreme conditions, Body Furnace packs powerful, customizable and long-lasting heat into an app-controlled, wearable device that keeps you warm wherever life takes you. Using patented thermal reflective technology, Body Furnace directs heat to your core allowing your body to maintain a stable temperature and keep your extremities warm.

PRODUCT LINEUP

Body Furnace





Body Furnace

- Heats whole body
- Customizable heat settings
- Adjustable sizing
- Wireless technology
- Durable construction
- Rechargeable

Item#	Size
06200	One size



“Great support and comfort -
perfect for all workouts”



spark >>>™ KINETIC SLEEVES

Spark Kinetic Sleeves utilize patent-pending technology to bring together the benefits of kinesiology tape and compression in an easy to use, comfortable sleeve designed to support and enhance performance. Plus, they are intuitive to put on and won't leave sticky residue when removed. Now you can focus more of your energy towards achieving your fitness goals.

PRODUCT LINEUP

Kinetic Knee Sleeve

Kinetic Ankle Sleeve*

Kinetic Calf Sleeve*

Kinetic Elbow Sleeve*





Kinetic Knee Sleeve

- Grip-track banding
- Moisture-wicking
- Spandex compression
- Enhanced support kinesiology

Item#	Size	Leg circumference
40410	Small	12" - 14"
40411	Medium	14" - 16"
40412	Large	16" - 18"



Kinetic Knee Ankle*

- Grip-track banding
- Moisture-wicking
- Spandex compression
- Enhanced support kinesiology

Item#	Size	Leg circumference
40426	Small	7.5" - 8.5"
40427	Medium	8.5" - 10"
40428	Large	10" - 11.5"



Kinetic Knee Calf*

- Grip-track banding
- Moisture-wicking
- Spandex compression
- Enhanced support kinesiology

Item#	Size	Leg circumference
40420	Small	12.5" - 14"
40421	Medium	14" - 16"
40422	Large	16" - 18.5"



Kinetic Knee Elbow*

- Grip-track banding
- Moisture-wicking
- Spandex compression
- Enhanced support kinesiology

Item#	Size	Leg circumference
40416	Small	9" - 10.5"
40417	Medium	10.5" - 12.5"
40418	Large	12.5" - 15"





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