



**IMPACTO®**

[www.impacto.ca](http://www.impacto.ca)

Impact  
Vibration  
Repetitive Strain  
Cumulative Trauma  
Heat & Slash  
Puncture  
Abrasion  
Fatigue



**Vibration Protection**

**Impact Innovation**





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**IMPACTO PROTECTIVE PRODUCTS INC.**

... is a privately owned Canadian company that serves the exclusive needs for worker safety. We have been manufacturing and marketing specialized personal protective equipment since 1986. Our stakeholders include safety groups, engineering staff, medical personnel, unions, management and most importantly frontline workers. By interacting with these groups, we are able to provide a solution that incorporates ergonomic work design, protective clothing and employee training.

To date, we've sold millions of gloves to companies in North America and around the world. We have distributors and affiliations with other International injury prevention experts to advise us in many specialty areas. We carry an extensive line of premium products, which include gloves for both impact and vibration. Impacto also offers wrist supports, insoles, kneepads, back supports, ergonomic seating, foot protective products and other ergonomic body protection.

Acquisitions in 2009 of Viscolas, in 2011 of Ergotech, in 2013 of the Ergo Mates line and in 2016 of Safetytoes International; have expanded IMPACTO's business footprint in the ergonomics and safety fields while continuing to provide excellent service.

We are strongly guided by a few basic principles:

- **Outstanding Product Performance** - In terms of protection, prevention and comfort
- **Quality Solutions for your needs** - Only by thoroughly understanding your unique situation, can we deliver lower Worker's Compensation costs and better protection for your employees
- **Customized Solutions** - We will design a new product that meets your requirements; we develop prototypes and produce small runs at the appropriate level of need
- **No-nonsense services** - From first contact to plant evaluations to information services to designing new products; we'll work closely with you at a level that is comfortable for you
- **Client partnership** - Lowering Worker's Compensation Claims by successfully preventing injuries requires close cooperation between us and our clients; working together, we can both be successful

**IMPACTO® QUALITY POLICY**

We are committed to developing innovative new products to provide protection from vibration, impact and repetitive motion. We are committed to:

- Customer satisfaction
- Continual improvement of our products, processes and Quality Management System
- Expanding our markets by developing new, specialized personal protective equipment
- Optimizing employee participation in product improvement and customer service
- Employee training and enhancement of the workplace environment
- Compliance with stated quality requirements as documented in our Quality Management System based on ISO 9001:2008



AFFILIATED  
DISTRIBUTORS



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## GLOVES SIZING

Glove Size	Hand Size	Hand Circumference
XS (XSmall)	6	6" - 7"
S (Small)	7	7" - 8"
M (Medium)	8	8" - 9"
L (Large)	9	9" - 10"
XL (XLarge)	10	10" - 11"
XXL (XXLarge)	11	11"+

To determine size of gloves or gloves with wrist support, measure the hand circumference across the knuckles at the base of the fingers. When ordering it is best to order smaller than your normal size. Larger sizes are custom and are available as requested.

To order, simply use the Model# followed by the size and unit of measure, PR (pair), LH (left hand), RH (right hand).

## ABOUT CE COMPLIANCE

IMPACTO products are manufactured with the highest quality materials, designs and processes to meet the user's optimum comfort and protection. We spend considerable time and effort in developing quality protective equipment that is in conformance with safety international standards.



All products carrying the CE symbol meet the strict safety European guidelines for Personal Protective Equipment. Gloves are in compliance with EN 420 General Requirements for Gloves.



Gloves with "Shield" symbol are in compliance with EN 388 Protective Gloves Against MECHANICAL RISKS. The First Number identifies the performance level for abrasion resistance, The Second Number is blade cut resistance, The Third Number is tear resistance, The Fourth Number is puncture resistance.



ANSI / ISO 10819

Gloves with this "ANSI / ISO 10819" symbol are in compliance with International Anti-Vibration Glove Standard EN ISO 10819:1996 and N. America ANSI S2.73-2002 (R 2007) / ISO 10819:1996.



### Anti-Vibration Glove Standard

International Standard EN ISO 10819:1996 ("Mechanical vibration and shock Hand-arm vibration - Method for the measurement and evaluation of the vibration transmissibility of gloves at the palm of the hand") specifies the amplitude of vibration transmissibility that must be achieved for a glove to be classified as an anti-vibration glove. The standard requires the overall transmissibility of a glove to be measured for mid frequencies ( $TR_M$ , frequency range from 16-400 Hz) and for high frequencies ( $TR_H$ , frequency range from 100-600 Hz).  $TR_M$  must be less than 1.0, and  $TR_H$  must be less than 0.6.

**Air Glove® Vibration test results:  $TR_M = 0.75 < 1$   $TR_H = 0.45 < 0.6$ .**

In April 2002, ANSI (American National Standards Institute) confirmed the establishment of a method to evaluate the performance of Anti-Vibration products. This standard is identical to the European International Standard **EN ISO 10819** and is identified as **ANSI S2.73-2002 (R 2007) / ISO 10819:1996**.

### ABOUT IMPACTO PATENTED AIR GLOVE TECHNOLOGY

- **Multiple air chambers** ensure optimal glove functionality and durability
- **Individual air chambers** are less susceptible to failure for long lasting wear
- **Lightweight, soft and adaptable** the air bladder conforms to the flex-lines of the palm and fingers minimizing grip stress and providing greater tool control
- **Non-permeable air bladder** will not degenerate or bottom out
- **Durable urethane** construction provides consistent protection
- **Thin, pliable** air bladder is flexible around tool handles
- **Versatile design** can be used in a large range of styles
- **The AIR GLOVE** ensures workers have the best hand protection when using vibrating tools while still allowing maximum dexterity and tool control
- **Maximum vibration protection** when working with tools such as chipping hammers, needle guns, sanders, jackhammers, rivet guns, chainsaws and grinders
- **AIR GLOVE US Patent No. 7,865,969**

### IMPACTO Vibration Protection

Hand-Arm Vibration Syndrome, HAVS and repetitive trauma associated with excessive vibration is a significant health problem in industries affecting millions of workers. The IMPACTO AIR GLOVE reduces vibration energy transmission to the palm and fingers. The AIR GLOVE helps prevent job specific Impact and Hand-Arm vibration in the workplace while still allowing full range of motion and manual dexterity. With multiple individual air chambers, even if one chamber breaks down, the other cells ensure full glove effectiveness. The construction of the Air Bladder allows for glove design flexibility and can be placed in most glove styles. IMPACTO offers the most styles of ANSI certified gloves in the market.



#### # BG408

Designed for best comfort, protection and dexterity. Used with vibrating power tools such as grinders, chipping hammers, trimmers, sanders and chainsaws. Air bladder protects the palm, thumb and fingers. Synthetic suede leather provides excellent flexibility. Silicone dots on the palm and fingers ensure superior gripping. Adjustable wrist tab with hook/loop closure. Mesh back allows ventilation. Machine washable.

#### MECHANIC'S STYLE

UOM: PR, CASE: 8

S - XXL

ANSI / ISO 10819



#### # BGHIVIS

Used with vibrating power tools at night or in low-light conditions. Air technology in the palm, thumb and fingers. Synthetic suede leather provides excellent wear and flexibility. Silicone dots on the palm and fingers ensure superior gripping. Reflective strips on the back of the hand and finger tips enhance visibility at night and in low light conditions. Glow in the dark wrist cuff with hook/loop closure. Bright glove mesh back allows hand ventilation. Machine washable.

#### HI-VISIBILITY MECHANIC'S

UOM: PR, CASE: 10

S - XXL

ANSI / ISO 10819



**IMPACTO® Full Finger Air Gloves® exceed Anti-Vibration Glove standards EN ISO 10819:1996 and ANSI S2.73-2002 (R 2007) / ISO 10819:1996**



**PEARL LEATHER SERIES**

Soft leather palm side with nylon back offer great dexterity and tactile feedback. Hook/loop wrist closure is fully adjustable to ensure a comfortable fit.

Part#	Finger Style	VEP Protection	Wrist Support
BG401	1/2	Palm/fingers/thumb	
BG402	3/4	Palm/fingers/thumb	
BG413	Full	Palm/fingers/thumb	
BG471	1/2	Palm/fingers/thumb	Leather
BG471-01	1/2	Palm/fingers/thumb	Elastic
BG473	Full	Palm/fingers/thumb	Elastic
BG475	1/2	Palm/fingers/thumb/web	
BG475-30	1/2	Palm/fingers/thumb/web	Leather
BG485	3/4	Palm/fingers/thumb/web	Leather

UOM: PR, LH, RH    XS - XXL    CE    211212

#BG413



ANSI / ISO 10819

#BG473



ANSI / ISO 10819

#BG475-30



#BG650



#BG750

RSI

**ALL LEATHER**

Full finger style used with vibration power tools in most construction and assembly operations. Air Bladder protects the palm, fingers and thumb. Durable cowhide leather offers best durability in abrasive environments.

- #BG650 - with elasticized driver style cuff to ensure fit and comfort and prevent debris from entering the hand
- #BG750 - with leather wrist support to protect from repetitive strain injuries such as carpal tunnel syndrome

UOM: PR, LH, RH    XS - XXL    ANSI / ISO 10819    CE    212121



Worn under protective glove. Breathable, lint free jersey fabric. Air bladder in palm, fingers & thumb. Leaves no lint for clean work environments. Half finger style for activities that require extra tactile feedback.

- #BG601 - full finger
- #BG505 - half finger
- #BG501 - fingerless in 4-way stretch polycotton fabric

**ANTI-VIBRATION AIR LINER**

UOM: PR, LH, RH    XS - XXL    ANSI / ISO 10819    CE    21111



Ultimate dry gripping with Nitrile coated fabric to provide superior dexterity, cut and abrasion resistance. Great for work in oily environments. Air bladder protects the palm/fingers/thumb. Fingers can be cut off without fraying. Driver style cuff with elasticized wrist offers great fit.

#BGNITRILE

**NITRILE COATED**

UOM: PR, LH, RH    XS - XXL    ANSI / ISO 10819    CE    41212

ANTI-VIBRATION AIR GLOVES®



# BG690

Soft pearl leather palm and fingers ensure dexterity and tactile feedback. Air bladder in the palm, fingers and thumb. Cotton back for breathability. Suede leather wide safety cuff protects the wrist and forearm.

SAFETY CUFF

UOM: PR, LH, RH

S - XXL

ANSI / ISO 10819



# BG790-40

Made with 100% KEVLAR® knit. Protects from abrasion, vibration, heat and slash. Air bladder in the palm, fingers and thumb. Safety cuff.

# BG790-00

# BG790-00 - Leather cover

ANTI-SLASH

UOM: PR, LH, RH

S - XXL

ANSI / ISO 10819



# BGFITLEA

Breathable cotton back. Reinforced stitching. Air bladder in the palm, fingers and thumb. Cotton safety cuff.

# BGFITLEA - Leather palm

# BGFITSUE - Suede palm

FITTER'S STYLES

UOM: PR

M, L, XL

ANSI / ISO 10819



VIBRATION PROTECTION

The new AVPRO offers cost effective outstanding protection from vibration. Ideal for use with vibrating tools such as sanders, trimmers/brush cutters, powered lawn mowers, driving, handheld grinders, hammer drills, jigsaws, polishers, power hammers and air chisels.

#AV759030 (M)

#AV759040 (L)

#AV759050 (XL)

NEW!



Padded with patented foam technology in the palm, fingers, thumb & thumb web area help prevent Hand-Arm Vibration syndrome (HAVS). Soft, pliable materials ensure tactile feedback for tool control and flexibility. Gusseted full fingers with reinforced tips. Non-slip textured palm, elasticized back. Neoprene cuff with adjustable hook / loop closure. Mechanic's style design offers excellent fit and comfort.

UOM: PR or CASE 10

M, L, XL

ANSI / ISO 10819



ANTI-VIBRATION BLACKMAXX



BLACKMAXX

BLACKMAXX TOUCH

BLACKMAXX BLADE

HEAVY HITTER

The BLACKMAXX offers a cost effective solution for vibration protection. Coated with "pods" of lightweight cellular Chloroprene. Uses encapsulated air to cushion and dampen vibration giving the user optimum dexterity with a lightweight feel. Ideal for use with vibrating tools such as sanders, jackhammers, chain saws, grinders and trimmers.

BLACKMAXX BLADE

Made with 60% KEVLAR® and 40% cotton seamless knit material (7gauge liner) to incorporate superior slash protection. Ideal for use with vibrating tools and materials with sharp edges such as during metal or glass fabrication.

HEAVY HITTER

Back of the hand coated with heavy-duty "pods" of cellular Chloroprene for impact and abrasion protection. Palm coated to maximize gripping. Cushions and dampens vibration, impact and shock to the back of the hand and fingers. Ideal for any jobs where hands and fingers are exposed to pinching, crushing or striking.

UOM: PR, CASE 10



Item	Knit fabric	Fingers	Part# (Cuff color)			Certified	
			M	L	XL		
Blackmaxx	Nylon/cotton	Full	VI4731 (red)	VI4732 (blue)	VI4733 (yellow)	3242	-
Blackmaxx Pro	Nylon/cotton	Full	VI4737 (red)	VI4738 (blue)	VI4739 (yellow)	X343	ANSI / ISO 10819
Blackmaxx Touch	Nylon/cotton	Half	VI4746 (red)	VI4747 (blue)	VI4748 (yellow)	3442	-
Blackmaxx Blade	60% KEVLAR®, 40% cotton	Full	VI4740 (red)	VI4741 (blue)	VI4742 (yellow)	3443	-
Blackmaxx Blade Pro	60% KEVLAR®, 40% cotton	Full	VI4743 (red)	VI4744 (blue)	VI4745 (yellow)	X343	ANSI / ISO 10819
Heavy Hitter	Nylon/cotton	Full	VI4749 (red)	VI4750 (blue)	VI4751 (yellow)	4242	-

## BACK TRACKER GLOVES

- Excellent hand protection for general work. Ideal for confined spaces and tasks that involve impact on the back of the hand
- TPR pad helps prevent finger pinching, abrasions and crushing injuries
- Heavy duty TPR on the back of fingers, thumb & back of the hand protect against bruises & bumps
- Reinforced patches in the thumb web area assure long wear and protection
- High-visibility nylon elastic neon green laminated fabric
- Adjustable wrist with hook and loop closure to prevent debris from entering
- Antislip nitrile dipped palm offers excellent gripping
- GEL palm pad protects from impact

#NS28200

UOM: PR

S-XXL



## DRYRIGGER OIL & WATER RESISTANT GLOVES

- Ultimate hand protection for workers in oil and gas extraction, well drilling, mining, mechanics and similar applications
- Helps prevent hairline fractures, bruising, pinched fingers, severe cuts, abrasions and crushing injuries
- Outstanding oil and water resistance
- Design ensures excellent dexterity, fit and comfort

#WGRIGG - Dryrigger

#WGCOOLRIGG - Dryrigger CoolRigger with breathable back fabric to allow airflow in hot conditions

#WGWINRIGG - Dryrigger Sub-Zero insulated with 100 grams Thinsulate™ for use in cold temperatures

#WGRIGGSF - Dryrigger Silicone-Free with reinforced polyurethane palm and materials without traces of silicone



UOM: PR or CASE 10

S-XXXL



Heavy duty TPR on the back of fingers, knuckles, thumb & back of the hand protect against bruises & bumps

Under layer of PVC nitrile offers an extra barrier of protection in oily conditions

Thumb web area patches made with 100% KEVLAR assure long wear

Neoprene cuff offers excellent fit

Silicone dots on the palm & fingertips provide excellent grip

Ultra Suede palm with High-Vis laminated fabric repels oil & water



## ABOUT IMPACTO® VISCOLAS VEP PADDING

VEPs are solids that mimic the behavior of liquids, which allows dissipation of shock waves better than any other material. The "solid-liquid" nature of VEP absorbs shock waves in all directions at once, reforming to its original shape at a rate that is slow enough so as not to exert outward pressure that could cause reverberations, but fast enough to regain its original shape before the next shock. In laboratory tests, VEP has proven its ability to absorb up to 500% more shock than foam of the same thickness.

The unique manner in which VEP dissipates impact energy, makes it an ideal material for the improvement of health and safety in industry and commerce. Every year, hand and arm injuries caused by repetitive shock cost industry millions of dollars in health care. Musculoskeletal injuries have been identified as the most frequent type of workplace injury.

### OUTER FABRIC

4-Way stretch Polycotton provides excellent stretch and breathability. Nylon fabric offers stretch, dexterity and moisture evaporation to ensure hand comfort and best fit.

### ABRASION PROTECTION

Gloves are available without leather for use in delicate operations or inside work glove or with leather cover for better abrasion protection. Suede leather ensures best grip. Grain leather is smooth and provides longer wear. Pearl leather is soft and ensures better dexterity.

### WRIST CUFF

Available in easy to wear slip-on or open cuff; Elastic wrist with adjustable hook/loop closure; Elasticized driver style wrist for comfort and; Gauntlet/Safety cuffs.

### FINGER STYLES

Available in Fingerless, 1/2, 3/4 and Full fingers. Open finger gloves ensure full dexterity and tactile feedback. Full finger gloves provide maximum protection.

### PADDING

Contoured Viscolas VEP padding can be found in or in combinations of multiple places on the hand: palm, back of hand, fingers, thumb web area. Typical thickness of 1/8" (3 mm) provides excellent shock absorption and impact dissipation. Also available in 3/16" (4.5 mm) and 1/4" (6 mm) thickness for specialty applications.



# 501-00



## THE "ORIGINAL" GLOVE LINER

- The 1st IMPACTO glove designed and still #1 seller
- Contoured Viscolas VEP padding in the palm
- Four-way stretch polycotton allows full mobility and offers excellent breathability
- Ideal for work in warm environments or as a liner under specialty work glove
- Also available in full finger, #601-00, with thumb web padding, #502-00 or with wrist support, #703-00

UOM: PR, LH, RH

XS - XXL



## PEARL LEATHER GLOVES

The pearl leather on the 400 series allows for optimum manual dexterity. The nylon back allows stretch and are breathable. Used in applications where tactile feedback and dexterity is important.

Part#	Fingers	VEP Padding	Wrist Support
401-30	1/2	Palm	
403-30	Full	Palm	
404-30	1/2	Palm/side	
409-30	1/2	Palm/thumb/index	
413-30	Full	Palm/fingers	
423-30	Full		
471-30	1/2	Palm	Leather
471-31	1/2	Palm	Elastic
473-30	Full	3/16" Palm/fingers	Elastic
473-31	Full	3/16" Palm/fingers	Leather
475-30	1/2	Palm/fingers/web	Leather
475-31	1/2	Palm/fingers/web	Elastic
479-31	3/4	Palm/thumb/index	Elastic
485-30	3/4	Palm/fingers/web	Leather
485-31	3/4	Palm/fingers/web	Elastic



# 403-30



# 401-30

# 473-30



RSI

# 475-30



RSI

# 479-31



RSI

UOM: PR, LH, RH

XS - XXL



### SPLIT PALM PAD

Half finger style allows full tactile feedback, breathable nylon mesh back, soft pearl leather palm, split design palm padding, adjustable hook/loop wrist closure.

# 410-30



UOM: PR, LH, RH

XS - XXL



### CONSTRUCTION

Half finger, all heavy pearl leather, 3/16" waffle VEP padding in palm & base of fingers, hook/loop wrist closure.

# 460-30

# 450-30 - without thumb



UOM: PR, LH, RH

XS - XXL



## ANTI-IMPACT MECHANIC'S STYLES



### GEL WORK GLOVE

Half finger, gel palm pad protects from impact. Leather palm with nylon back. Terry cloth back to wipe away sweat. Adjustable wrist tab, hook/loop closure.

# 400-00

UOM: PR

XS - XXL



# AV408

### VEP PADDED

Full finger, VEP pad protects the palm. Flex lines offer great dexterity for manual jobs and tool handling. Synthetic suede leather palm, spandex back, adjustable wrist tab with hook/loop closure.

UOM: PR

S - XXL



# AV406

### BLACK COWHIDE

Anti-Impact pad and fingers pad. Spandex back offers stretch and breathability. Grain leather palm and back. Elastic wrist.

# AV406 - half finger

# AV407 - full finger

UOM: PR

S - XL



Open finger gloves provide maximum dexterity, cushioning and abrasion protection. Used with manual or electric tools. Viscolas VEP padding (1/8" / 3 mm) offers excellent impact protection.

## FINGERLESS GLOVES

UOM: PR, LH, RH

XS - XXL



Part#	Fabric	Fingers	Leather	VEP Padding	
501-00	Polycotton Liner	-	-	Palm	3231
501-10	Nylon	-	Suede	Palm	1244
501-20	Nylon	-	Grain	Palm	2243
501-35	Nylon	-	Pearl	Palm to wrist	2222
502-00	Polycotton Liner	-	-	Palm/web	3231
502-10	Nylon	-	Suede	Palm/web	1244
502-20	Nylon	-	Grain	Palm/web	2243
505-00	Nylon Liner	3/4	-	Palm	
505-10	Nylon	3/4	Suede	Palm	1244
505-20	Nylon	3/4	Grain	Palm	2243
509-20	Nylon	3/4	Grain	Palm/fingers/web/side/index	2243
510-00	Polycotton Liner	-	-	Palm to wrist	3231
525-00	Nylon Liner	3/4	-	Palm/fingers/web	
525-01	Polycotton Liner	3/4	-	Palm/fingers/web	3231
525-20	Nylon	3/4	Grain	Palm/fingers/web	2243



### KNIFE HANDLING

Polycotton glove liner, VEP padding in the thumb web area provides cushioning and abrasion protection. Used for knife handling in poultry and meat processing.

UOM: LH, RH

XS - XXL



### ALL LEATHER

3/4 finger, padded palm, fingers and thumb, nylon with durable grain leather front and back, finger gussets for comfort.

UOM: PR, LH, RH

S, M, L/XL



### ALL PADDED

3/4 finger in nylon for use under work glove, 3/16" waffle pad in front and back of the hand and fingers. Great for confined spaces to protect the back of the hand.

UOM: PR, LH, RH

XS - XXL



## FINGERLESS GLOVES WITH SIDE OF THE HAND PROTECTION

UOM: PR, LH, RH

XS - XXL



# 503-10



Typically used in automotive and assembly for tasks where the hand is used as tool, ie: trim, moulding, windshield trim and headliner installation, urethane seal, door panel installation, provides cushioning, impact, abrasion and bruising protection.

Part#	Fabric	Leather	VEP Padding	Pad Thickness	
503-00	Polycotton liner	None	Palm/side/back	1/8" / 3 mm	3231
503-10	Nylon	Suede	Palm/side/back	1/8" / 3 mm	1244
503-20	Nylon	Grain	Palm/side/back	1/8" / 3 mm	2243
503-14	Nylon	Suede	Palm/side/back	1/4" / 6 mm	1244
523-14	Nylon	Suede	Palm to wrist/side	1/4" / 6 mm	1244
523-15	Nylon	Suede	Palm to wrist/side	2 x 3/16"	1244
523-24	Nylon	Grain	Palm to wrist/side	1/4" / 6 mm	2243

FULL FINGER GLOVES



#601-00

- # 601-00 - VEP pad in the palm and fingers
- # 602-00 - pad in the fingers to relieve pressure points when using scissors or shears
- # 606-00 - neoprene padded back from tip of fingers to the base of the wrist used in the food and mining industry to protect the back of the hand
- # 611-00 - VEP pad in the palm, fingers and thumb web area

POLYCOTTON LINERS

UOM: PR, LH, RH

XS - XXL



#615-20

- # 603-20 - durable grain leather, cotton back, knit cuff, VEP pad in the palm and fingers
- # 615-20 - grain leather, VEP pad in the palm and fingers, suede leather safety cuff, reinforced stitching
- # 650-20 - driver style elasticized cuff, VEP pad in the palm
- # 652-30 - grain leather with reinforced pearl leather palm and thumb web area, not padded, protects when working with rope or cables

HEAVY-DUTY GRAIN LEATHER

UOM: PR, LH, RH

XS - XXL



#704-20

#712-02

GLOVES WITH WRIST SUPPORT

Viscolas VEP (1/8" / 3mm) pad offers excellent hand impact protection. Wrist support protects from repetitive strain injuries.

UOM: PR, LH, RH

XS - XXL



Part#	Fabric	Fingers	Glove Leather	VEP Padding	Wrist Support	
703-00	Polycotton liner		-	Palm	Suede	3231
703-10	Nylon		Suede	Palm	Suede	1244
703-20	Nylon		Grain	Palm	Grain	2243
714-20	Polycotton liner		-	Palm/web	Grain	3231
704-10	Nylon		Suede	Palm/web	Suede	1244
704-13	Nylon		Suede	Double Palm/web	Elastic	1244
704-20	Nylon		Grain	Palm/web	Grain	2243
706-20	Nylon		Grain	Palm/web/side/back	Grain	2243
712-02	Polycotton liner	Full	-	Palm/partial fingers	Grain	3231
712-23	Polycotton liner	Full	-	Palm/full fingers	Grain	3231
725-02	Polycotton liner	3/4	-	Palm/fingers/web	Grain	
725-20	Nylon	3/4	Grain	Palm to wrist 3/16"	Grain	2243



#700-10

PADDED WRIST

Suede leather, continuous VEP pad on the palm and wrist support. Excellent protection in repetitive jobs. Firm support prevents over extension and over flexion.

UOM: PR, LH, RH

XS - XXL



#710-10

PADDED KNIT

Made with stretchy knit polyester fabric. VEP pad and suede leather protects the palm. Elastic wrist support with adjustable hook and loop closure.

UOM: PR, LH, RH

XS - XXL



#720-20

ANTI-SLASH SUPPORT

100% KEVLAR® knit glove. Grain leather palm and wrist support. VEP padding in the palm protects from impact. Adjustable wrist support with hook and loop closure.

UOM: PR, LH, RH

XS - XXL



# ERGOTECH HAND & WRIST PROTECTION



ERGOTECH products are made with visco-elastic polymer, polyurethane material that combines high-energy absorption with faultless memory. In many applications and laboratory tests VEP has achieved shock absorption levels of up to 94.7%. The liquid-solid properties of VEP allow to simultaneously absorb shock and isolate vibration even at high frequency ratios. ERGOTECH anti-impact gloves are available in a variety of styles to suit specific worker's needs.

UOM: LH, RH

S - XL



Part#	Fingers	Padded Area	Fabric	Leather
ER501	1/2	Palm	Polycotton	None
ER502	1/2	Palm	Nylon	Black Suede
ER502LS	1/2	Palm/web	Nylon	Black Suede
ER502M4	1/2	Palm/side/back 3/16"	Nylon	Black Suede
ER502M8	1/2	Palm/side/back 1/8"	Nylon	Black Suede
ER504	1/2	Palm/thumb/fingers	Nylon	Black Suede
ER504NP	3/4	None	Nylon	Black Suede
ER505	3/4	Palm/thumb/fingers	Nylon	Black Suede
ER505NP	3/4	None	Nylon	Black Suede
ER605N	Full	Palm/thumb/fingers/web	Polycotton	None
ER605CP	Full	Palm/thumb/fingers	Polycotton	None



# ER501



# ER502LS



# ER502M8



# ER504



# ER505



# ER605



## PALM STRIKE

3/16" VEP pad is layered between two layers of suede leather, adjustable hook and loop closure on the back of the hand, ambidextrous, 2" x 3".

# ER14P

UOM:EA

ONE SIZE



## WRIST SUPPORT

3/4 finger, nylon back, black suede palm cover. Dimple VEP pad in the palm and to first finger joint. Detachable padded elastic wrist support with hook/loop closure.

# ER504WTB

UOM: LH, RH

S - XL



## WRIST SUPPORT

Half finger nylon glove. Dimple VEP pad protects the palm and thumb web area. Black suede leather patch over the palm pad. Detachable elastic wrist restrainer.

# ER509

UOM: PR, LH, RH

S - XXL



Seamless cotton polyester knit wrist support with VEP palm padding. Adjustable hook and loop closure.

# ER1004 - dimple pad with suede leather palm, sold left or right  
# ER1000 - ambidextrous

UOM: EA

S-XL



Rugged palm protection with extended wrist restrainer. Suede leather construction with nylon spandex back for a snug fit. Wrap around VEP pad with suede leather overlap maximizes wrist protection.

# ER700

UOM: LH, RH

S - L



Seamless wrist support made with neoprene offers an economical and comfortable support without restricting finger movement. Wraps around thumb. Has adjustable hook and loop closure. Ambidextrous.

# ER101

UOM: EA

ONE SIZE



Universal wrist wrap made with 3" elastic with a strip of VEP padding covered with nylon. Helps absorb impact-induced vibrations before reaching the elbow. Has adjustable hook and loop closure, 13".

# ERWW

# ERWWNS - without pad

UOM: EA

ONE SIZE



## THERMO WRAP WRIST SUPPORT

Ambidextrous, multi-layered design captures body heat, increases circulation and provides compression and support. Soft lining wicks away moisture. Machine washable. Used for daily protection against repetitive strain injuries such as carpal tunnel syndrome and tendonitis. Helps prevent pain and discomfort in activities such as assembly lines, cashiers, machine operators, computer users, gardening.

#TS226UR - wrist support with U-Rest pad for keyboard operators



#TS226

## ABOUT IMPACTO WRIST PROTECTION

Designed to help prevent over extension and over flexion of the wrist while allowing normal range of motion. Maintaining the wrist in a straight position during repetitive tasks such as keyboarding is one of the key factors to preventing Repetitive Strain Injuries (RSI) such as Carpal Tunnel Syndrome (CTS) and Tendonitis. Exercise and over-all conditioning are also helpful in the prevention and treatment of RSI. Impacto wrist supports are available in many designs and styles to suit specific applications.



#715-00

### NEOPRENE WRAP

Ambidextrous wrist support for all day wear. Neoprene fabric keeps area warm to increase circulation. Plastic stays on dorsal and palm side provide additional support. Hook and loop closure. Ideal for prevention of RSI and other cumulative traumas when doing repetitive activities.



#EL420

### UNIVERSAL WRAP

Ambidextrous, fully adjustable wrist support. Comfortable and lightweight neoprene lining. Plastic stays on dorsal and palm sides. Elastic strap with adjustable hook and loop closure. Helps to prevent RSI and other cumulative traumas in repetitive tasks.



## ELASTIC WRIST SUPPORTS

#EL40



Adjustable elastic strap with hook/loop closure. Cotton lining wicks away moisture. Plastic spiral stays ensures flexibility. Durable support stays limit wrist flexion while still allowing normal movement to work productively.

#EL40 - single strap, palmer stay, sold left or right

#EL41 - double strap, palmer and dorsal stays, left or right

#EL42 - single strap, palmer & dorsal stays, ambidextrous. Can be used as a light wrist splint to keep wrist from moving



## LEATHER WRIST SUPPORTS

#701-00



Glove is fingerless, not padded. Fully adjustable leather wrist supports provide everyday protection from RSI without impeding natural mobility.

#701-00 - polycotton glove liner, suede leather wrist support

#701-10 - nylon glove with suede leather palm cover and suede leather wrist support

#701-20 - nylon with grain leather cover on the palm and grain leather wrist support

#705-20 - nylon glove without fingers, grain leather wrist support



## HAND EXERCIZERS



### EGGSERCIZER®

Ergonomically shaped resistive hand exerciser to strengthen and rehabilitate fingers hands and wrists. Latex-free, non-allergenic VEP will not crack, leak or melt. Sold individually.

- # 1804 - Extra soft (Orange)
- # 1805 - Soft (Green)
- # 1806 - Medium (Blue)
- # 1807 - Firm (Plum)



### FLEXIGRIP™

Viscolas hand exerciser developed under the direction of a hand rehabilitation specialist, designed to allow anyone to perform a wide assortment of movements for reeducating muscles. It isometrically builds grip, isolates thumb or finger flexion and exercises pinch motion, sold individually.

- # 4823 - Soft
- # 4824 - Firm



## TENNIS ELBOW SUPPORTS



TENNIS Elbow Supports reduces pain from tendonitis of the elbow caused by repetitive motions. Adjustable strap with hook/loop closure.



# AIRELBOW

ONE SIZE

### AIR COMFORT

Soft foam padded shell with pocket to insert inflatable air chambers included. Air ensures natural therapy, compression and support



# EL5002

S - XL

### PADDED SUPPORT

Soft neoprene construction with full stretch and adjustment. Padding applies pressure to the affected area to reduce pain and discomfort



# TS205

S - XXL

### THERMO WRAP

Multilayered construction with soft lining captures body heat, increases circulation and provides compression and support

## ANTI-FATIGUE GLOVE

Snug fitting glove, the neoprene construction helps maintain body heat, massages as it supports, relieving stress & strain. Great for repetitive jobs such as sewing or inside work glove to keep the hands warm. Machine washable.

# 785-00 - Half finger, detachable elastic wrist support

# 585-00 - without wrist support

# 785-00



## ANTI-FATIGUE THERMO GLOVE

Open finger tips ensures tactile feedback. Protects the hand and fingers from strain and fatigue when doing repetitive tasks. Lining wicks away moisture. Keeps hands warm providing therapeutic support and compression. Hook/loop wrist closure. Machine washable.

# TS199



## CARPAL CONTROL - RELIEF FROM CARPAL TUNNEL SYNDROME (CTS)



- Disposable device promotes the opening of the carpal tunnel by gently elongating the involved tissues
  - Reduced pressure to the median nerve reduces CTS symptoms such as pain, numbness and tingling sensation
  - Patented natural therapy worn while sleeping
  - Enhances blood circulation to ease inflammation
  - Eliminates sleep disruption due to CTS symptoms
  - Hypo-allergenic, latex-free and FDA approved
- # CCLH - left hand (pack of 7 for 1 week therapy)  
# CCRH - right hand (pack of 7 for 1 week therapy)



**HOW IT WORKS** - The gentle stretching action of the Carpal Control works while the muscles are at rest. It promotes the opening of the carpal tunnel by elongating the tissues. Improved median nerve function and circulation occurs when pressure is relieved. Symptoms such as pain, numbness and tingling sensations often subside when pressure to the median nerve is reduced.



**MECHANIC'S GLOVE**

Protects from abrasion and trauma. Palm flex lines offer greater dexterity for manual jobs and tool handling. Synthetic suede leather palm, spandex back, adjustable wrist tab.

# **WG408**

UOM: PR

XS - XXL



**ANTI-SLASH**

The whole glove is made with 100% KEVLAR® with pearl leather cover on the palm and thumb. Breathable mesh back, 3" gauntlet safety twill cuff. Ideal for working with metals or glass.

# **AL790-40**

UOM: PR, LH, RH

S - XXL



# **HR800**

**HEAT PROTECTION**

Protect from high heat up to 800° continuous exposure.

# **HR700** - made with 100% KEVLAR® knit fleece, with Nomex® liner

# **HR800** - Woven Norfab® shell with heavy duty blended yarns. 14" long

UOM: PR, LH, RH

ONE SIZE



**FINGER PROTECTORS**



Ring protector made of tubular construction with serged stitching. Sold in bags of 100 units.

# **1000** - nylon fabric

# **1001** - polycotton

UOM: BG

ONE SIZE



Protects from abrasion and bruising, grain leather and VEP pad, nylon back. Sold per Dozen.

# **101-20** - finger

# **102-20** - thumb

UOM: DZ

S - XL



Thumb protector. Pearl leather with reinforced tips, elastic wrist with hook/loop closure, VEP pad in the thumb, ambidextrous.

# **200-31**

UOM: EA

S - XL



Nylon back, pearl leather fingers, elastic wrist with hook/loop closure, VEP pad.

# **202-30** - 3-fingers

# **233-30** - thumb & index

UOM: PR, LH, RH

S - XL



**CARPAL TUNNEL GLOVE**

Utilizing patented Shock-Tek technology. Unique channel over the carpal tunnel keeps pressure off the median nerve. Clinically tested innovative Visco-Elastic Polymer (VEP) 3/16" padding absorbs and dampens impact and vibration. Thin, snug fit, padding is precision-cut to prevent and eliminate bunching for maximum comfort. Used with a variety of tools and jobs such as construction, packaging, material handling, assembly operations, driving or sports.

UOM: PR

S - XXXL



Reinforced stitching ensures durability

Durable saddle leather materials

Elastisized wrist with driver style cuff

# **ST5010**



# **ST5015**



Washable Synthetic Amara suede palm

Fingers gusseted for optimum comfort

Nylon mesh back allows air flow to keep hands cool

Elastic wrist with adjustable hook and loop closure

# **ST8206**

Durable saddle leather palm

VEP thumb pad

# **ST8610**

## HAMMER GLOVE

- Anti-Impact coated glove offers a cost effective solution to impact injuries on the thumb/web area when hammering nails or similar applications
- Ergonomically designed to reduce fatigue
- Thin crinkled coating improves sensitivity and dexterity
- Durable resistant coating offers better protection from abrasion
- Knit liner acts as a second skin ensuring tactile feedback
- Natural rubber palm coating offers excellent gripping
- Seamless polycotton knit is breathable and comfortable offering excellent fit

Padded Left Hand

- # DP470031 (M/8)
- # DP470041 (L /9)
- # DP470051 (XL/10)

Padded Right Hand

- # DP470032 (M/8)
- # DP470042 (L /9)
- # DP470052 (XL/10)



UOM: PR

M, L, XL



## SOFT MALLETS

Non marring mallet for work on delicate surfaces such as during assembly operations. Sorbothane head absorbs and dissipates shock and impact. Its perfect memory ensures a return to original shape even after repeated compressions. Ideal for engineering design applications requiring shock absorption, vibration isolation and acoustical damping. Used in assembly, automotive, furniture, repair and metal facilities. Durometer 67-73 Shore 00.

- # 300-00 - 2.5" x 4" head, 11.5" plastic ergonomic handle
- # 305-00 - 1.75" x 2.75" head, 9" straight wooden handle
- # 306-00 - 1.75" x 2.75" head, 11.5" plastic ergonomic handle
- # ERSM - 2.5" x 4" x 2.3" head, 10.2" straight wooden handle
- # 310-00 - 2.5" x 4" x 2.3" head, dead blow mallet has metal head covered with VEP, 8.25" long straight plastic handle

*Sorbothane*



## SILENTFEET

Vibration absorbing pads for large appliances. Made with Sorbothane® to reduce vibration and noise from household appliances like washers and dryers, sold in packs of 4 for one appliance.

# **SILENTFEET** - two feet with felt fabric cover facilitate sliding. For small laundry rooms in carpet, concrete, rough stone & tile

# **SILENTFEETAW** - Anti-Walk for stackable washing and dryers in smooth and high gloss floors like tile, vinyl & wood

*Sorbothane*

## ITECH - TOUCHSCREEN GLOVES

Designed for touchscreen users. Winter touchscreen gloves allow easy use of Smartphones, Tablets, GPSs and all other touchscreen devices without having to take your gloves off. Silver conductive fabric on the tips of the index and thumb allow touchscreen activities such as typing, browsing the web, navigating between programs, and sending messages, without interference. Polar fleece lining keeps hands warm. Polyurethane palm patches help minimize slipping. Elasticized wrist cuff keeps cold wind and snow out.

# ITECH

UOM: PR

S - XL





### IMPACTO GRIP WRAP

- Helps dampen shock and vibration
- Improves tool control
- Used with open or close tool handles
- Provides a comfortable gripping surface
- Easy to customize, simply cut to fit tool handle and wrap
- Kit includes sheet of impact and vibration absorbing VEP and rolls of self-adhesive silicone rubber tape

ITEM	VEP	Tape
#9066	6.5" x 5" x 3/16" / 30 x 12 x 4.5 mm	1 rolls
#9068	6.5" x 5" x 1/8" / 30 x 12 x 3 mm	1 rolls
#9065	13" x 5" x 3/16" / 30 x 12 x 4.5 mm	2 rolls
#9067	13" x 5" x 1/8" / 30 x 12 x 3 mm	2 rolls
#9064	13" x 15" x 3/16" / 30 x 38 x 4.5 mm	6 rolls
#R002	Replacement tape 1" wide x 6 foot	1 roll



### ORTHEX TOOL WRAPS

- Viscolas is applied directly to the tool providing a softer, more yielding handle surface
- This design gives full flexibility of hand movement
- A layer of vibration-reducing elastomer enhances the body's own natural energy absorbing system
- Kit includes: 1 waffle pattern Viscolas sheet with PSA backing, 1 3/4" (4.5 cm) shrink tubing for open handle tools and alternative wrap tape for closed-ended handle tools
- Kit has enough materials to wrap 3 tools

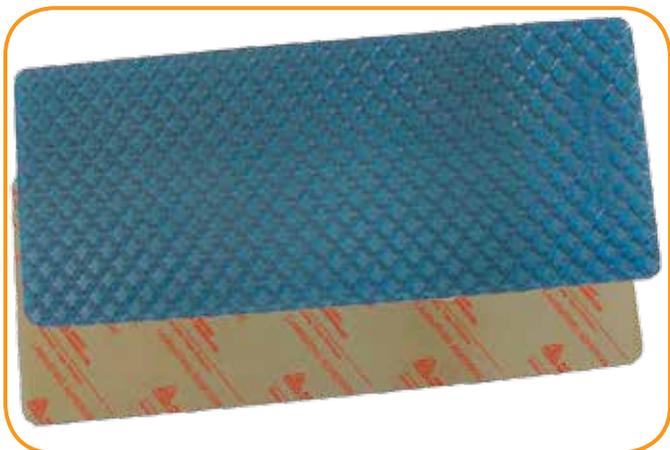
ITEM	VEP
#VI4711	12" x 5" x 1/4" / 30 x 12 x 6 mm
#VI4712	12" x 5" x 3/16" / 30 x 12 x 4.5 mm
#VI4713	12" x 5" x 1/8" / 30 x 12 x 3 mm



### IMPACTO VEP SHEETING

- Can be cut with scissors to form custom orthotic components or cut into strips for bumpers or padding
- Can also be die-cut for glove pads, isolation units, gasket materials, etc
- Durometer 30 to 40

ITEM	VEP	PATTERN
#RP0301E	13" x 15" x 3/16" / 30 x 28 x 4.5 mm	Waffle
#RP0300E	13" x 15" x 1/8" / 30 x 28 x 3 mm	Flat



### VISCOLAS VEP SHEETING

- Viscolas® sheets available in a variety of sizes
- Can be cut with scissors to form custom orthotic components or cut into strips for bumpers or padding
- Can also be die-cut for glove pads, isolation units, gasket materials, etc
- Viscolas durometer 30 to 40
- Sheets have waffle pattern with PSA backing

ITEM	VEP
#RPVI0660	12" x 5" x 1/4" / 30 x 12 x 6 mm
#RPVI0661	12" x 5" x 3/16" / 30 x 12 x 4.5 mm
#RPVI0662	12" x 5" x 1/8" / 30 x 12 x 3 mm



#TS226UR

Wrist support with UREST pad for keyboard operators

## THERAPEUTIC SUPPORTS

Repetitive Strain Injuries - RSIs are an everyday concern in the workplace and can include everything from tendonitis to lower back strain. IMPACTO® THERMO WRAPS provide natural heat therapy for prevention, treatment and rehabilitation of injuries, arthritic pain and repetitive strain. THERMO WRAPS captures body heat, increase circulation and provide compression and support. Designed with durable materials with reinforced stitching to ensure long lasting wear. Multi-layered design with soft lining that wicks away moisture and helps prevent skin irritation. Machine washable. THERMO WRAPS are worn directly against the skin. Other styles available for complete body protection.



UOM: EA

XS - XXL



Wrist / Hand support

#TS214 (LH), #TS215 (RH)



Wrist Support

#TS216



Tennis Elbow

#TS205



Wrist Brace

#TS243 (RH)



Elbow Padded

#TS212



Elbow support

#TS217



Elbow Support w/strap

#TS228



Shoulder support

#TS230



Standard knee support

#TS208



Knee support with patella cutoout

#TS209



Ankle Support

#TS204



Back support

#TS213

BODY PART	** X-SMALL	SMALL	MEDIUM	LARGE	X-LARGE	**XX-LARGE
ANKLE Measure around joint of ankle	8¼" - 8½" 21 - 22 cm	8¾" - 9½" 23 - 24 cm	9¾" - 10" 24 - 25 cm	10" - 10½" 25 - 27 cm	10¾" - 11" 27 - 28 cm	11" - 11½" 28 - 30 cm
ELBOW Around elbow joint, arm extended	7½" - 8¾" 18 - 22 cm	9" - 10¼" 23 - 26 cm	10½" - 11¾" 27 - 30 cm	12" - 13¾" 31 - 35 cm	14" - 15¾" 36 - 40 cm	16" - 17¾" 41 - 45 cm
KNEE Measure around under knee cap	10¼" - 11¾" 26 - 30 cm	12" - 13¾" 31 - 35 cm	14" - 15¾" 36 - 40 cm	16" - 17¾" 41 - 45 cm	18" - 19¾" 46 - 50 cm	20" - 21¾" 51 - 55 cm
SHOULDER Measure around expanded chest	33" - 35" 84 - 89 cm	S / M 35¼" - 40¼" 90 - 102 cm		L / XL 40½" - 47¼" 103 - 120 cm		47¾" - 51½" 121 - 131 cm
TENNIS ELBOW Measure around elbow joint	8¼" - 9" 21 - 23 cm	9¼" - 10½" 24 - 27 cm	11" - 12¼" 28 - 31 cm	12½" - 14¼" 32 - 36 cm	14½" - 16½" 37 - 42 cm	16¾" - 18¾" 43 - 48 cm
WRIST / HAND Measure around wrist joint	4½" - 5¼" 11 - 13 cm	5½" - 6¼" 14 - 16 cm	6½" - 7½" 17 - 19 cm	7¾" - 8¾" 20 - 22 cm	9" - 10" 23 - 25 cm	10¼" - 11¼" 26 - 29 cm

Using the correct size is essential for effective results. Before buying, check size, measurement instructions and application.

All Thermo Wraps should fit snug and comfortably, not too tight, not too loose. If in doubt try the next larger size.

To ensure effectiveness, they must be worn directly against the skin.

\*\* XS and XXL are special order and may not be available in all styles.

## THE "ORIGINAL"

Form fitting, durable molded design. Co-Polymer padding provides excellent knee protection. CoolMax® lining wicks away moisture. Ribbed kneeling surface helps prevent slipping. Lightweight and comfortable all day protection.

# **840-00** - with single elastic strap and hook/loop closure

# **840STRAP** - replacement elastic straps

UOM: PR, CASE 40

ONE SIZE



## ABOUT KNEE PROTECTION

Continuous pressure on the knee due to working in a kneeling position may lead to chronic conditions, such as bursitis over the knee cap or injury to the cartilage. Excessive pressure can cause problems such as knee burn pain, fluid build up, tissue swelling, loose joints and associated arthritic conditions. Major knee damage will occur when combining existing trauma with prolonged pressure and irritation along with turning and twisting motions. The use of knee pads is an effective way to reduce the occurrence of knee injuries. Knee pads protect against injuries and inflammation caused by hard surfaces, pieces of gravel and similar objects on ground. The wide range of IMPACTO® Knee Pads provide a viable solution to workers to help prevent knee injuries and the onset of cumulative trauma to the knee.



## HARD SHELL KNEE PROTECTION

- Co-Polymer foam padding provides excellent knee protection
- Kneepad bends with the knee for comfort and flexibility
- Flat kneeling surface provides stability when working
- Ribbed kneeling surface helps prevent slipping
- Lightweight and comfortable all day protection
- Helps prevent knee and hip joint stress
- CoolMax® lining wicks away moisture

# **825-00** - with removable double elastic straps and hook/loop closure

# **825-01** - with side release plastic buckle closure

# **825STRAP** - replacement elastic straps

UOM: PR, CASE 30

ONE SIZE

EN 14404+A1:2010





**LIGHTWEIGHT**

Molded Co-Polymer foam padding provides everyday knee protection against bruising and other knee trauma. Removable single elastic strap with hook/loop closure.

# 830-00

UOM: PR, CASE 48

ONE SIZE



**EXTENDED KNEE**

Molded foam padding extended for additional protection, double straps with hook/loop closure

# 845-00 - removable elastic straps

# 845-01 - with side release plastic buckle closure

# 845STRAP - replacement elastic straps

UOM: PR, CASE 30

ONE SIZE



**NYLON COVER**

Molded foam padding, removable nylon cover prevents marring and scratching. Attached dual elastic straps with hook/loop closure.

# 850-00

UOM: PR, CASE 24

ONE SIZE



**FIRE RETARDANT**



**FIRE RETARDANT**

Molded Co-Polymer padding provides excellent protection, Fire Retardant FR removable outer cover helps prevent marring delicate surfaces. Dual elastic straps with hook/loop closure.

# 852-00

UOM: PR, CASE 24

ONE SIZE



**FOAM HARD SHELL**

Fire Retardant FR removable outer fabric with Co-Polymer padding. Hinged action hard shell cap with flat surface for stability, dual elastic straps with adjustable hook and loop closure.

# 877-00

UOM: PR, CASE 20

ONE SIZE

DIN 14404



**GEL HARD SHELL**

Fire Retardant FR removable outer fabric. Firm foam padding with GEL centre provides maximum protection. Hard shell cap, dual elastic straps.

# 879-00

UOM: PR, CASE 20

ONE SIZE



**T-FOAM**

Durable lightweight high density closed cell foam. Smooth cover easily slides over various surfaces. Breathable inner liner to help keep cool. Single elastic strap with adjustable hook and loop closure .

# 844-00



UOM: PR, CASE 36

ONE SIZE



**LEATHER**

Nitrogen Injected Co-polymer padding. Instant comfort. Removable leather cover. Single webbing bottom strap with plastic quick release fastener. Strong saddle leather, ideal for when heat is a concern.

# 870-00



UOM: PR, CASE 24

ONE SIZE





**PLASTIC COVER**

Foam padding with soft lining. Durable nylon top cover. Sewn-on ribbed plastic cover. Top elastic strap and bottom webbing strap with plastic easy on/off side release buckle closure.

# 826-00

UOM: PR, CASE 24 ONE SIZE CE



**HARD CAP**

Foam padding. Durable nylon top cover. Plastic cover attached with grommets. Double elastic straps with hook and loop closure.

# 827-00

UOM: PR, CASE 25 ONE SIZE CE



**HEAT RESISTANT**

Molded rubber, snug, quick fitting design, heavy duty protection, heat resistant. Great for use in wet environments. Elastic straps weaved through the kneepad. Adjustable hook and loop closure.

# 880-00

UOM: PR, CASE 16 ONE SIZE CE



**MOLDED RUBBER**

Anti-slip ribbed surface. Easy on/off replaceable rubber 1" adjustable straps fasten to plastic buttons. Great for industrial and construction applications, heavy duty rubber protection.

# 885-00

UOM: PR, CASE 36 ONE SIZE CE



**LIQUID RESISTANT**

Flexible molded rubber shell ensures resistance to liquids. Foam padding with sealed foam lining. Accordion top cover with patterned surface helps secure kneepad when getting up and down. Removable rubber straps and buttons offer secure waterproof fastening.

# 860-00

# 860STRAP - replacement straps, sold per pair

# 860BUTTONS - replacement buttons, sold per set of 8



UOM: PR, CASE 24 ONE SIZE CE

**PADDED SOFT KNEE PADS**

VEP padding absorbs and dissipates shock and impact. Soft kneepads help minimize damage on delicate surfaces. Soft leather cover offers durability and abrasion protection. Pull on styles can be used inside garments.



# 802-10



# 803-20



# ER800



# ER802

Part#	Style	Leather
802-10	Pull on	Suede
801-20	Pull on	Grain
803-10	Elastic straps	Suede
803-20	Elastic straps	Grain
ER800	Pull on	No leather
ER802	Elastic straps	Black suede

UOM: EA ONE SIZE CE

**GEL KNEE COMFORT**



- # 865-00 - sewn-on cover
- # 865-01 - with snap-on removable cover, made with silicone free materials

**CO-POLYMER RUBBER COVER**  
Prevents marring and scratching, Sewn cap helps keep debris out

**REAL GEL**  
Injected directly into a donut shaped pad to provide comfortable knee cushioning

**TOP STRAP**  
Adjustable elastic with hook/loop closure for easy fastening

**ELEVATED FACE**  
Improves stability & traction, absorbs shock, helps support the knee while acting like a suction cap to prevent from rocking

**LOWER STRAP**  
Wide mesh elastic strap provides breathability and helps reduce bunching with hook/loop closure

**INNER LINING**  
Wicks away moisture for comfortable wear

**HEAVY DUTY BINDING**  
Assures long lasting wear

**SIDE TREADS**  
Absorb pressure around the perimeter of the knee

**BALLISTIC NYLON**  
Outer cover is highly resistant for most work environments

**EXTENDED HEEL**  
Supports the shin, helps distribute body weight reducing stress on the ankles and back discomfort

UOM: PR, CASE 18 ONE SIZE EN 14404+A1:2010



# 864-00



Sewn-on cover, GEL padding provides maximum comfort and knee protection. Breathable nylon mesh covers the padding. Double elastic straps with hook/loop closure. Elevated face with side extended threads offer extra stability.



UOM: PR, CASE 24 ONE SIZE EN 14404+A1:2010



# 863-00



Nylon outer cover is ideal for delicate surfaces such as hardwood floors and tiling. GEL padding helps disperse pressure. Solid webbing strap with quick-clip-release fastening system on the bottom. Elastic top strap has hook and loop closure.



UOM: PR, CASE 30 ONE SIZE EN 14404+A1:2010



# 876-00



Co-polymer rounded cover easily slides on smooth surfaces. Breathable nylon mesh covers the padding. GEL padding helps disperse pressure away from the patella bone. Dual adjustable straps with hook and loop closure.



UOM: PR, CASE 28 ONE SIZE EN 14404+A1:2010

**NEW!**



**GEL COMFORT LEATHER COVER**

Molded polyurethane and GEL injected into ergonomically shaped pad offers outstanding protection. Removable snap-on leather cover made with durable cowhide leather. Non-marring surface. Moisture wicking lining. Elastic top strap with hook/loop closure. Nylon webbing bottom strap with plastic buckle and metal button closure.

# 865-20



UOM: PR, CASE 20 ONE SIZE CE



**NITRO COMFORT**

Nitrogen injected foam padding with CoolMax® lining. Elevated Co-polymer cover fastened with rivets. Side threads acts as suction to keep knee from rocking. Double elastic straps with adjustable hook and loop closure.

# 874-00



UOM: PR, CASE 24 ONE SIZE CE

## GEL-PRO COMFORT

Comfort while kneeling, standing or walking. Injected molded polyurethane and Gel padding offers superior protection and support. Articulating feet grips the surface providing excellent stability. Strapping system positioned above and below the knee eliminates discomfort behind the knee. Quick clip fastening system. Strapping system positioned above and below the knee eliminates bunching behind the knee.

# 867-00

UOM: PR, CASE 15

ONE SIZE

EN 14404+A1:2010



100% PVC-FREE



## GELITE HARD SHELL

Built using a solid injected Gel insert. Plastic sewn on outer cover. Breathable pad and a soft durable neoprene liner ensures protection and comfort. Smooth, rounded surface is ideal for applications that require easy sliding. Enlarged hard outer shell offers extra protection. Quick clip fastening system provides quick and easy adjustment. Provides long term protection from cumulative trauma injuries.

# 868-00

UOM: PR, CASE 24

ONE SIZE

EN 14404+A1:2010



100% PVC-FREE

## GEL KNEE/SHIN PROTECTION

- Gel filled padding provides maximum protection and reduces pressure directly on the patella
- Padding made with injected Gel and foam for extreme comfort
- Elevated Face Improves stability and traction, absorbs impact and helps support the knee
- Patented rubber prevents scratching or damaging delicate surfaces
- Extended shin and heel provides maximum support to the knee, shin, and ankle. Innovative sliding lower strap easily adjusts to fit different calf sizes
- Straps are positioned above and below the calf muscle to hold kneepad securely in place
- Wide top elastic strap helps eliminate bunching
- Adjustable hook and loop closures

# 777-00

UOM: PR, CASE 12

ONE SIZE

EN 14404+A1:2010



100% PVC-FREE



## IMPACTO KNEE SAVER™

- Strain Protection Kneeling or Crouching
- Limits the range of knee flexion, relieving stress on joints, tendons and cartilage
- Uniquely notched back prevents slipping
- Molded polyurethane foam offers comfortable support
- Durable, easy to clean surface
- Adjustable dual elastic straps with hook and loop closure
- Ideal for roofers, plumbers, electricians, tire changers, carpet layers, contractors, skilled trades, tile layers, gardeners, landscapers and more

# 890-00

UOM: PR, CASE 18

ONE SIZE





Kneeling Mats



# MAT5000 Single Knee



X-Standing Mats

**IMPACTO MATS**

Resilient cellular rubber NBR 1" foam rubber with built-in handle. Self extinguishing and non conductive. Does not compress set. Does not absorb liquids. Helps to reduce knee trauma and low back pain. Provides comfortable support and cushioning. Silicone-free. Fully washable. Designed for severe kneeling conditions in cold/hard, steel, concrete, grating, gravel, wet surfaces, dirt and mud. Impervious to petroleum products.

- # MAT5000 - 4" x 6", single kneeling CASE 14
- # MAT5040 - 8" x 16", Kneeling CASE 36
- # MAT5050 - 14" x 21", kneeling CASE 15
- # MAT5020 - 16" x 28", standing mat with beveled edge and safety strip CASE 6
- # MAT5030 - 18" x 36", standing mat with beveled edge and safety strip CASE 6



**FOAM PAD**

Dense inner core material, textured surface, convenient cutaway handle, water resistant, used for sitting or kneeling, great for gardening, dimensions 14" x 15" x 1". Multi-purpose lightweight mat. Sold per each. Case has 50 each.

# CUD818



**ANTI-FATIGUE STANDING**

Chemical resistant with anti-slip backing. Helps reduce the cumulative trauma disorders commonly found in the standing workplace environment. Elastic design forces muscles to move even when standing still. Ergonomically designed to provide a comfortable place to stand for long periods. Used in assembly and manufacturing, factories, offices, laboratories, restaurants, workshops, schools, gas stations, airports and more. Has outside 3/4" beveled edge, Standard size 24" x 36" x 5/8"

# WORKMAT2436



**VINYL PAD**

Closed cell PVC foam pad for comfortable cushioning. Vinyl coated surface is easy to clean and repels water, built-in hand shaped carrying cut out, ideal for kneeling, great for gardening, dimensions 18" x 7" x 7/8". Sold per each. Case has 50 each.

# KNEELPAD

**IMPACTO COMFORT MATS**

Used for sitting, kneeling or leaning applications. Available in a variety of poly foam padding materials in varying densities for specific protection. Multiple fabric OUTER COVERS including leather, denim, Cordura, vinyl and fire retardant fabrics, for use in any environment. Mats can be customized to suit special needs and applications.

- # 970-80 - 15" x 24" x 3", Cordura
- # 970-82 - 48" x 21" x 3", Cordura
- # 970-40 - 24" x 15" x 3", Vinyl
- # 973-40 - 24" x 36" x 3", Vinyl
- # 970-60 - 24" x 15" x 3", FR
- # 979-10 - 12" x 15" x 1.5", FR
- # 979-11 - 12" x 24" x 1.5", FR



Custom Mat in grain leather cover for welders



Custom Mats in Weatherspan red vinyl for aircraft manufacturing



# 970-80



## IMPACTO ANTI-FATIGUE INSOLES

Open-cell foam engineered for great resiliency, breathability and reducing heat build up. Provides constant cushioning and even distribution of weight to protect pressure points. IMPACTO Insoles provide superior impact, shock absorption and protection from heel strike. They help prevent lower back, foot, joints and leg pain as well as alleviate fatigue. Antimicrobial foam helps to reduce foot odor. Fully washable. Available in multiple styles to suit specific applications. All insoles are sold per pair.



### AIRSOL FLAT

FULL FLAT Style. Made of open cell foam. Antimicrobial and breathable. Designed to provide comfort and support for every day wear, used with dress, sports and low cut footwear

# ASFLAT

CASE 60

### AIRSOL MOLDED

CONTOURED MOLDED Style. Provide heel stability and arch support, typically used with safety and rubber boots and shoes. All day protection when walking or standing on hard surfaces for prolonged periods

# ASMOLD

CASE 30



### IMPACTOSOL™ GEL

Flat style, Visco-Elastic Polymer heel to toe provides maximum shock and impact protection. Natural tackiness on the undersurface holds the insole in place to prevent slipping and bunching. Used with all types of footwear

# IMFLAT

CASE 30



### CUSH'N STEP™

Full molded style offers excellent protection when used with work boots, outer shoes and sports shoes. Soft, breathable fabric cover wicks away perspiration. Reinforced Gel heel insert provides additional cushioning and support

# CUSHMOLD

CASE 20

AIRSOL & CUSH'N STEP SIZE INFORMATION (Shoe)							IMFLAT				
Size	A	B	C/E	D/F	G	H	A	B	C	D	E
USA Men			7-8.5	9-10.5	11-12.5	13-14	2-4	5-7	8-10	11-13	14-16
USA Women	5-6.5	7-8.5	9-10.5	11-12.5			4-6	7-9	10-12		
UK	1-3	3.5-5	5.5-7	7.5-9	9.5-11	11.5-12.5	1-3	4-6	7-9	10-12	13-15
Europe	33-36	36-38	39-40	41-43	44-45	46-47	33-36	37-40	41-44	45-48	49-52

## ANTI-FATIGUE MEMORY FOAM INSOLES

The IMPACTO® MEMORY FOAM insoles are designed to provide outstanding comfort, shock absorption and support. Ideal for work shoes and boots. Memory foam compresses to offer safe clearance and conform to the natural curves of the foot to provide a customized fit. Soft fabric cover wicks away moisture. Anti-fungal and anti-bacterial. 100% Made in USA. Outstanding comfort and protection from RSI injuries when standing for long periods. The MEM insoles alleviate fatigue and pain in the joints, feet, knees, legs and back.

# MEM - anti-fatigue molded style

# MEMESD - conductive threads provide electro-static dissipation, for use with ESD footwear that meets ASTM standards

Size	345	67	89	1011	1213	14
USA Men	3 - 5	6 - 7	8 - 9	10 - 11	12 - 13	14
USA Women	5 - 7	8 - 9	10 - 11	12 - 13		
Europe	36 - 38	39 - 40	41 - 42	43 - 44	45 - 46	47
UK	2.5 - 4.5	5 - 6.5	7 - 8.5	9 - 10.5	11 - 12.5	13 - 13.5



## RHINOTUFF PUNCTURE RESISTANT INSOLES

Stainless steel plate provides protection against puncture wounds to the feet caused by sharp objects such as nails, scrap metal, iron shards and rock. Transform low-cost boots and shoes into anti-fatigue, puncture resistant footwear for a fraction of the cost associated with high-end work boots. Meets minimum force resistance of 270 Lbs. as specified in ASTM F2412-11/F2413-11. Comfortable, lightweight and flexible design with moisture wicking fabric. Heel cup and arch support offer improved foot stability to reduce fatigue. Suitable for use in all workplaces and industries including mining, construction, manufacturing, transport, storage, forestry, retail and utilities.

CASE 20



Size	A	B	C	D	E
USA Men	5-6	7-8	9-10	11-12	13-15
USA Women	7-8	9-10	11-12	13-15	
UK	4.5-5.5	6.5-7.5	8.5-9.5	10.5-12.5	13
Europe	37-38	39-41	43-44	45-46	47-49



## ERGOTECH INSOLES

- Ergonomically designed to provide cushioned support and shock absorbing comfort
- Versatile, lightweight insoles provide arch support, comfort and shock protection
- Help protect against back and knee pain and foot injuries such as plantar fasciitis
- Sorbothane insoles have proven to be a great defense against foot pain, back pain and impact-related injuries such as Achilles tendonitis, runner's knee and shin splints
- Sorbothane offers 94.7% shock-absorption, positioned at point of impact to reduce pain, jarring, fatigue and risk of injury
- Recommended by Doctors, sports medicine specialists and professional trainers worldwide
- Durable and long-lasting insoles retain their shock absorbing benefits



Sorbothane



### ULTRA WORK-SPORT

A true performance replacement insole featuring a cupped heel and molded arch for stability along with Sorbothane inserts for foot-strike protection. Works well in athletic shoes or work shoes. Antibacterial soft fabric cover wicks away moisture. Comfort and protection for sports and work shoes and boots.

# ERINWRK - sizes AA-H

CASE 20



### ULTRA ORTHOTIC-ARCH

Combines orthotic arch support with Sorbothane foot-strike protection. Flexible graphite composite arch for maximum support, stability and comfort. Sorbothane heel and metatarsal insert ensures extra rebound with foot strike protection for a smoother, springier toe-off. Molded style with cupped heel.

# ERINGRA - sizes A-G

CASE 20



### SORBO-AIR

Air-infused Sorbothane foam offers lightweight comfort with the addition of 100% Sorbothane layer for heel strike protection and cushioning. Molded with cupped heel for rear foot stability. High-performance insole is for fitness enthusiasts, runners and walkers seeking extra arch support, comfort and rebound.

# ERINWAL - sizes A-G

CASE 16



### CLASSIC FLAT

Made of 100% Sorbothane for maximum head-to-toe protection and cushioning. Thin profile inserts can be used as an add-on insert as well as a replacement insole. Incorporates airflow channels for superior comfort. Flat style with moisture wicking fabric cover.

# ERINGEL - sizes AA-G

CASE 20

Size	USA Men	USA Women	UK	Europe	Size	USA Men	USA Women	UK	Europe
AA		4 - 5.5	2.5 - 3	33 - 35	E	9.5 - 10.5	12	9 - 10	43.5 - 44.5
A	4 - 5	6 - 7	3.5 - 4.5	35.5 - 37	F	11 - 12		10.5 - 11.5	45 - 46
B	5 - 6	7.5 - 8.5	4.5 - 5.5	37.5 - 38	G	12.5 - 13.5		12 - 13	46.5 - 47.5
C	6.5 - 7.5	9 - 10	6 - 7	38.5 - 40	H	14 - 15		13.5 - 15	48.5 - 50
D	8 - 9	10.5 - 11.5	7.5 - 8.5	40.5 - 43					



## VISCOLAS HEEL PROTECTION

Visco-elastic polymer is formulated for orthopedic applications. Soft Viscolas won't "bottom out" under the weight of your body or with lots of wear. Viscolas can reduce symptoms of heel strike injuries such as tendonitis and shin splints. Non-irritating, resistant to fungal and bacterial growth and can easily be cleaned with soap and water. Natural tackiness keep the product in place. Hypoallergenic, safe for direct skin contact.



### HEEL CUSHION

Effective protection from heel strike. Useful when the fit of the shoe does not allow for use of full insole or for tighter fitting shoes such as women's pumps. Assists in treatment of painful foot conditions. Soft fabric cover.

USA INS. HCPCS CODE L3485



### HEEL SPUR CUSHION

Shock protection and pressure reduction for sufferers of calcaneal heel spurs or other acutely painful heel conditions. Removable plug allows for a cavity to be created beneath the area of greatest discomfort, while extra cushioning on the medial side of the plantar fascia provides added relief. Fabric cover.

USA INS. HCPCS CODE L3485



### BLUE DOT™ HEEL CUP

Medical-grade silicone cushion with "Blue Dot" area with softer silicone to help cushion the heel for greater comfort underfoot. The cupped design forces the fatty pad of the heel (the body's own natural defense against skeletal shock) downward for extra protection. Ideal for athletes or people who walk for long periods.

USA INS. HCPCS CODE L3485



### RELIEVER INSOLES

Made of Viscolas to cushion the shock that is created at heel strike. Surface tackiness adhesive keeps insoles in place and prevent bunching. Moisture wicking fabric cover. Protect from shock to reduce the foot, leg, and back pain experienced during the day. Also helpful to treat postoperative conditions.

USA INS. HCPCS CODE L3040



### ULTRA PERFORMER INSOLES

Closed cell foam high-profile footbeds offer a lighter-weight alternative to solid viscoelastics. Contoured molded style with moisture wicking fabric cover. Gel inserts in the heel and metatarsal area for added foot stabilization and support. Recommended for use with boots, work and athletic shoes.

USA INS. HCPCS CODE L3040

SIZE	USA MEN	USA WOMEN	UK MEN	EUROPE	RELIEVER	PERFORMER	HEEL CUSHION	HEEL SPUR	BLUE DOT
A	2 - 4	4 - 6	1 - 3	33 - 36	#VI4781	#VI4760	#VI4834	#VI4838	#VI4769
B	5 - 7	7 - 9	4 - 6	37 - 40	#VI4782	#VI4761	#VI4835	#VI4839	#VI4770
C	8 - 10	10 - 12	7 - 9	41 - 44	#VI4783	#VI4762	#VI4836	#VI4840	#VI4771
D	11 - 13		10 - 12	45 - 48	#VI4784	#VI4763	#VI4837	#VI4841	#VI4772
E	14 - 16		13 - 14	48 - 50	#VI4785				

## ORTHOTICS COMPONENTS

Modular Orthotic System allow the flexibility to formulate immediate custom specialized orthotics for patients requiring moderate adjustments. Every component of the orthotic system is designed to deliver long-lasting benefits. Superior compression resistance allows Viscolas to retain its total effectiveness for long periods. Self-adhesive components that stay in place where you put them. The natural tackiness can be increased with an application of alcohol or decreased with a dusting of talcum powder.

USA INS. HCPCS CODE L3040



Heel Lift



Heel Wedge



Longitudinal Arch Pad



Metatarsal Pad



Components are recommended for use in conjunction with the Viscolas Reliever insoles to alleviate various painful foot conditions.

COMPONENT	INDICATIONS	S	M	L
METATARSAL PAD (Pair)	Neurotrophic feet, Metatarsalgia, Plantar fat pad atrophy, Bursitis, Capsulitis, Periostitis, Painful plantar lesions, Intractable plantar keratoma, Tyloma, Interdigital neuroma	#VI4942		#VI4943
LONGITUDINAL ARCH PAD (Pair)	Achilles tendonitis, Plantar fasciitis, Heel pain, Iliotibial band syndrome, Foot and lower leg fatigue, Excessive pronation, Shin splints, Medial ankle pain	#VI4944	#VI4945	#VI4946
CORRECTIVE HEEL WEDGE (Pair)	Lateral instability, Equinus, Plantar fasciitis, Heel pain, Iliotibial band syndrome, Iliotibial band syndrome, Foot and lower leg fatigue, Excessive pronation, Shin splints, Medial ankle pain	#VI4999 1/8" #VI4976 1/4"		#VI4975 1/8" #VI4977 1/4"
HEEL LIFT (Each)	Leg length discrepancy, Equinus, Achilles tendonitis	#VI4985 1/8" #VI4997 1/4"		#VI4986 1/8" #VI4998 1/4"

## INDUSTRIAL COMPRESSION ENERGY SOCKS

Moderate graduated compression of 15-20 mmHg offers quicker blood return and better performance. Made with 75% Nylon, 13% Spandex and 12% Polyester. Seamless toe. Soft comfortable welt without restriction. Ventilated foot for breathability and arch support. Cushioned in the Achilles tendon area for better protection and comfort. Ideal for the active worker and athlete to improve performance. Provides support for long term standing on concrete floors. Helpful with other medical conditions such as Deep Vein Thrombosis (DVT), Varicose veins, circulation issues associated with diabetes and leg and ankle swelling. Sold per pair.



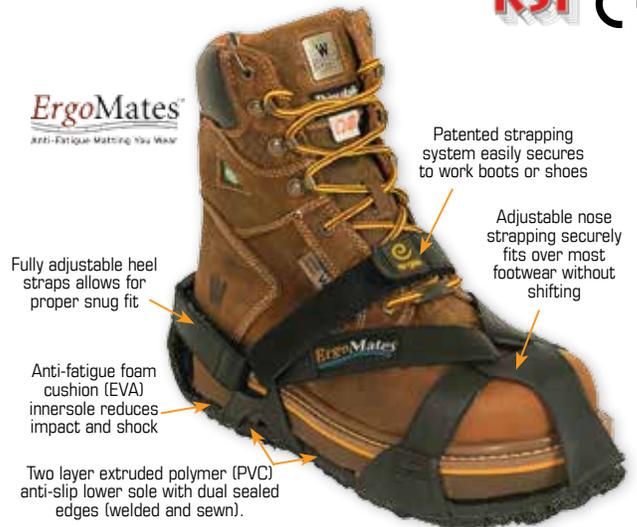
CASE 20

Part#	USA Men shoe	Ankle Circumf.	Calf Circumf.
NRGSOCKM	7.5 - 10	8.75" - 10"	12" - 16.5"
NRGSOCKL	10.5 - 12	10" - 11.5"	16.5" - 18"
NRGSOCKXL	12.5 - 14	11.5" - 13"	18" - 19.75"



## ERGOMATES™ MOBILE ANTI-FATIGUE MATTING SYSTEM

- Effective solution for relief of tired, sore, feet, knees and back improving safety and comfort
  - Allows the muscles to expand and contract naturally as they adjust to the flexibility and give-and-take of the cushioning material
  - Improve circulation dramatically reducing pain and fatigue from walking and standing, insulating the worker from the negative effects of impact, vibration and cold
  - Protect the heel and sole of the shoe from wear and tear
  - Ideal for areas where anti-fatigue matting is impractical due to length required or moving equipment
  - Can be comfortably worn over closed shoes, boots and safety shoes
  - Extremely durable and machine washable
  - US Patent No. 6,968,634, other patents pending
- # G88EXT - 6" extension straps available



### Ergo Mate

Original Ergo Mates are suitable for all industries: warehouses, factories, assembly lines, machine shops, retail outlets, cashiers, clerks, laundry facilities, health care, postal workers, aircraft, warehouses, food processing, and any situation requiring prolonged standing or walking.



### Ergo Mate LITE

Exceptional fit for the occasional user; like trade show participants, plant managers, temporary employees or office managers. They also work great for lighter individuals (<150lbs) and or for those recovering from lower body, leg, foot or related MSD injuries.



### Ergo Mate H2O

Sealer in upper and lower soles protect against cross contamination in food industry applications. Unique self-cleaning tread design. Easily cleanable hygienic sealed top and bottom surfaces. Resistant against most oils, solvents and cleaning agents. Ideal for food production and service workers, kitchen employees, abattoirs, canneries, custodial and health care workers.



### Ergo Mate ICER

Unsurpassed traction on ice and snow. Outdoor Ergomates designed for anyone required to be walking, standing or working on ice or snow. Retractable cleats consists of 32 titanium anti-spark cleats mounted into a PVC packet. A layer of Ergos EVA anti-fatigue foam core holds cleats steady during contact with the ground. ICER are suitable for postal workers, airport authorities, military, emergency response, utility workers, property management, railroad workers, road maintenance workers, recreation and fitness enthusiasts.



### Ergo Mate Tracmates

Superior slip resistance wet or dry. Lightweight design, durable in wet environments. Resistant against most oils, solvents and cleaning agents. Unique reusable design, easily cleanable, simply rinse and dry. Ideal for any person who is stripping, washing, or scrubbing floors; food processing, working on slippery surfaces; custodial and janitorial workers, kitchen and health care facilities. Sizes M, L and XL. Sold per dozen only.

Size	Sports shoes		Work boots		Part Numbers and Sizing						
	Men	Women	Men	Women	Ergomates	Lite Black	MD	H2O	ESD	ICE	ICER
XS	-	4 - 6	-	4 - 5	G88103XS	G87103BXS	G88103WXS	H20103BXS	Discontinued	ICE103BXS	N/A
S	6 - 7	7 - 8	5 - 6	6 - 7	G88903S	G87903BS	G88903WS	H20903BS	ESD903BS	ICE903BS	N/A
M	8 - 10	9 - 11	7 - 9	8 - 10	G88803M	G87803BM	G88803WM	H20803BM	Discontinued	ICE803BM	ICER803RM
L	11 - 13	12 - 13	10 - 12	11 - 13	G88703L	G87703BL	G88703WL	H20703BL	Discontinued	Discontinued	ICER703RL
XL	14 - 16	-	13 - 15	-	G88603XL	G87603BXL	G88603WXL	H20603BXL	ESD603BXL	ICE603BXL	ICER603RXL

## TURBOTOE™ STEEL TOE CAP

Ideal for work environments that carry risk of accidental toe damage or has a steel toe cap requirement. Perfect for visitors, temporary or casual workers. Can be comfortably worn over low-heel footwear, dress shoes, running shoes and most boots. Flexible and stretchy made of pliable materials. Treads under sole help prevent slipping. 100% waterproof, will not harden, stiffen or crack. Toe is color coded to indicate size. Certified CSA Z334-14 - Protective Footwear. CLASS 7231 02 OCCUPATIONAL HEALTH AND SAFETY PRODUCTS. Grade 1 protective toe. CE Certified. Steel toe complies with Impact and Compression Resistance, 75lb Rating per ASTM F2412-11/F2413-11.



Part#	Toe Color	USA Men	USA Women	UK	Europe
TTXXS	Purple	2 - 4	4 - 5	2 - 4.5	36 - 38.5
TTXS	Grey	4 - 5	6 - 7	4.5 - 5.5	38.5 - 39.5
TTS	White	6 - 7	8 - 9	6 - 7.5	40 - 41.5
TTM	Yellow	8 - 9	10 - 11	8 - 9.5	42 - 43.5
TTL	Red	10 - 11	12 - 13	10 - 11.5	44 - 45.5
TTXL	Blue	12 - 13		12 - 13	46 - 47.5
TTXXL	Green	13 - 14		13 - 14	48 - 49.5
TTXXXL	Black	15-16		15-16	50 - 52



UOM: PR or CASE 8



## IMPACTOE® STEEL TOE CAP

Protects the toe area against crushing or stubbing. Fits tightly over existing shoes providing a protective solid steel cap. Made of molded injected seamless vulcanized rubber. Anti-slip sole, resistant to acid, oil, and animal fat. 100% waterproof. Will not harden, stiffen or crack. Ideal for any working environment that carries a risk of accidental toe damage or has a steel toe cap requirement. Perfect for visitors, temporary workers, management or clerical staff. Certified to European CE Standard. Steel toe complies with Impact and Compression Resistance, 75lb Rating per ASTM F2412-11/F2413-11.



UOM: PR

Part#	Toe Color	USA Men	USA Women	UK	Europe	Case
IMPACTOEXXS	Pink	5.5 - 6	7 - 7.5	5 - 5.5	36 - 38.5	8
IMPACTOEXS	Grey	6.5 - 7	8 - 8.5	6 - 6.5	38 - 39.5	8
IMPACTOES	White	7.5 - 8	9 - 9.5	7 - 7.5	40 - 41.5	8
IMPACTOEM	Yellow	8.5 - 9.5	10 - 11	8 - 9.5	42 - 43.5	6
IMPACTOEL	Red	10 - 11.5	11.5 - 13	10 - 10.5	44 - 45.5	5
IMPACTOEXL	Blue	12 - 12.5		11 - 12	46 - 47.5	5
IMPACTOEXXL	Green	13 - 14		12 - 13.5	48 - 50	5

## METATARSAL PROTECTOR

The METGUARD® safety footwear attachment protects the metatarsal area of the foot by deflecting and dispersing the impact of falling loads. Designed and tested to compliment steel cap footwear. The lip of the METGUARD sits on top of the steel cap at load point.

- Extremely durable, non conductive, lightweight polycarbonate material
- Secured with existing laces or optional straps to secure to non-lace up footwear such as rubber boots
- Practical safety solution, transferable between users and footwear
- Comfortable, easy to fit and simple to use
- Suitable for use in all workplaces and industries including mining, construction, manufacturing, transport, utilities, forestry, retail trade, airports, cities and municipalities, government facilities, shipyards
- Meets minimum impact resistance of 75 lbs. as specified in ASTM F2412-11/F2413-11

# METGUARD - sold per pair, one size, 20 pairs per case

# METSTRAP - optional straps for footwear without laces



# METGUARD



**BODY PADS**

Customized designs to suit specific tasks, IMPACTO body protectors provide impact, cushioning, shock absorption or pressure point protection to help prevent cumulative trauma. Typically used in maintenance, assembly and construction applications. Used in maintenance, automotive and assembly applications when leaning over vehicle or hard, uneven or sharp working surfaces or articles.



# 805-10

**FOREARM PROTECTOR**

Breathable, stretchy polycotton, layered foam and VEP padding ensure excellent protection from impact and bruising, leather cover for abrasion.

- # 805-10 - suede leather
- # 805-20 - grain leather

Circumference x Length: S 8.5" x 10.5"  
M 8.5" x 11.5", L 9.5" x 11.5", XL 10.5" x 13.5"



# 811-20

**ELBOW/FOREARM**

Pull-On, stretch polyester, combination VEP and foam padding offer excellent protection from bruising.

- # 811-10 - suede leather cover
- # 811-20 - grain leather cover

Circumference x Length: S 10"x13.5"  
M 10.5"x14.5", L 11"x15.5", XL 12"x16.5"

**ELBOW PROTECTORS**



# 804-00

Pull on style, memory foam padding conforms to the natural curves of the arm, 4-way stretch breathable polycotton  
Width x Length:  
S 9" x 11.5"  
M 11" x 12"  
L 13" x 12.5"  
XL 14" x 13"

- # 804-00 - no leather
- # 804-20 - grain leather cover, padding not removable



# 806-20

Layered foam & VEP pad provides maximum shock and bruising protection

Circumference x Length:  
S 9.5" x 6.5"  
M 10" x 6.5"  
L 10.5" x 6.5"  
XL 11" x 6.5"

- # 806-00 - without leather
- # 806-10 - suede leather
- # 806-20 - grain leather cover



# ER402

Pull-on style, contoured 1/2" closed cell foam, knit with Rayon cover. Protects from pressure point irritation. Sizes S, M, L



# 912-80

**TORSO PROTECTOR**

Half-vest style protectors with size adjustments on both sides, easy release plastic buckle, one size, fits left or right side.

- # 910-00 - breast/chest padded, made of breathable denim
- # 910-80 - breast/chest padded, easy to clean Cordura®
- # 912-80 - shoulder padded, made on easy to clean Cordura
- # 913-00 - rib padded in Cordura



# 909-80

**CHEST/ABDOMINAL**

Apron style, webbing waist strap with side release buckle closure. Webbing around neck loop, one size, 17" x 26".

- # 909-30 - with soft pearl leather cover to prevent marring or scratching
- # 909-80 - easy to clean, Cordura®



# 914-80

**ABDOMINAL**

Cumberbund style with reinforced adjustable straps and side release buckle closure, one size.

- # 914-00 - denim
- # 914-30 - soft pearl leather cover to prevent marring or scratching
- # 914-80 - easy to clean, Cordura®



# 901-80

**SEAT PROTECTOR**

Layered foam padding provides cumulative trauma protection when sitting for long periods on hard or uneven surfaces. Elastic leg straps with hook/loop closure, webbing waist belt with plastic quick release buckle closure.

- # 901-00 - denim
  - # 901-80 - Cordura®
  - # 901-81 - Cordura with suede patch
  - # 905-10 - suede with soft grain leather patch
- Sizes: S 19"x21", M 22"x24"  
L 25"x24", XL 29"x25"



**ANTI-VIBRATION CUSHION**

Vinyl under side protects from grease. Breathable, soft fabric covers the top side. Memory foam conforms to the natural shape of the body to provide comfortable protection. Strap with hook and loop to affix to seat, 17" x 17".

- # 907-40 - single foam pad
- # 917-40 - two layers of Neoprene foam added



# 905-10



**GEL SEAT CUSHION**

Layered open-cell foam and Gel provides excellent protection from cumulative trauma when sitting for long periods. Heavy duty nylon top cover with resilient plastic underside, 18" x 16", one size.

# 907GEL

**SHIN PROTECTORS**



**PULL-ON SHIN**

Lightweight construction of knit elastic sleeve with durable suede leather front facing. Layered foam pad provides cushioning and protects from shock and abrasion, one size, 13" x 5".

# 810-10



**GRAIN LEATHER**

Durable grain leather facing, breathable mesh lining, layered foam padding, adjustable elastic straps with hook/loop closure, one size, 13" x 5".

# 821-20



**KNEE/SHIN PAD**

Suede leather and cotton, combined shin and knee protection, layered foam & VEP padding. Adjustable straps with hook/loop closure, one size, 16" x 5.5".

# 819-10



**THIGH PROTECTOR**

Combination foam padding, adjustable webbing waist belt with elastic leg straps with hook/loop closure, 5.5" x 6.5", 1.5" thickness.

- # 808-00 - denim
- # 808-80 - Cordura®



**THIGH PROTECTOR**

Foam and VEP layered padding provides excellent protection. Suede leather cover ensures great wear. Elastic straps to secure around legs (top strap 19", bottom strap 18" long).

- # 807-10 - one size, pad 9.5" x 7"
- # 817-10 - with extended strap (top strap 25", bottom strap 24")



**SEAT MOUNT**

Protects from continuous vehicle vibration which can contribute to back pain, cumulative trauma and repetitive strain injuries. Vibration dampening VEP with PSA adhesive backing. Positioned between the seat and the frame.

# 925-00



#AL275

## ANTI-SLASH PROTECTION

IMPACTO Anti-Slash & Heat Resistant line of products is available in a large range for whole body protection. Designed to provide protection from slash, cuts, abrasion and exposure to sparks in hazardous industrial situations. If you have a potentially hazardous heat or slash situation requiring customized protection, IMPACTO can design an innovative quality solution to best suit your need. Contact us for specific products to suit your worker's needs.

### ANTI-SLASH JACKET

Made with 100% KEVLAR®, twill top of the jacket and arms with continuous filament mesh body, front zipper, adjustable wrist with hook/loop. For sizing use chest measurements.

#AL275 - grommets on sleeves and top of jacket

#AL275-01 - without grommets

S	M	L	XL	XXL
38" / 95 cm	42" / 107 cm	46" / 116 cm	48" / 122 cm	50" / 127 cm



#AL251-14

### HAND/FOREARM

Made with 100% KEVLAR® knit, double layered

#AL251-12 - ambidextrous

#AL251-13 - extended length, ambidextrous

#AL251-14 - 1/8" pad protects the top and bottom of the arm. Left or Right

UOM: EA S - XL



### FOREARM CUFF

Made with 100% KEVLAR® twill double layer to protect from heat and slash, elastic loop around thumb, ambidextrous. Protects the wrist/forearm from cuts and abrasions when handling sharp objects. S: 7" long x12", M: 7"x14", L: 9"x16".

#AL252-03

UOM: EA S - L



### SLASH SLEEVES

Made with 100% KEVLAR® twill, joined with elastic across the back and chest, front closure with hook/loop, wrist safety cuff with adjustable hook/loop closure

#AL290 - with grommets

#AL290-01 - no grommets

UOM: PR S - XL



### SLASH APRON

Made with 100% KEVLAR® multi-layered quilted style, waist strap with buckle closure, adjustable straps over shoulders with hook/loop closure.

#AL294

UOM: PR S - XL



### HEAT APRON

NORFAB 22pt30 protects from slash, cut and resists heat. Adjustable elastic strap at the waist with hook/loop, 24" x 24"

#AL291

UOM: EA ONE SIZE



#AL257

### SHIN PROTECTORS

#AL256 - made with 100% KEVLAR® double layer, 3 elastic straps with hook/loop closures, not padded, One Size

#AL257 - made with 100% KEVLAR® double layer, VEP padding, suede leather cover

UOM: EA S - XL

Measurements for finished product Circumference x Length

Size	AL251-12	AL251-13	AL251-14	AL257	AL252 / AL253
S	6"-7" x 12.5"	6" - 7" x 20"	6" - 7" x 21"	Calf 13.5"x11"	12" x 7"
M	8" - 9" x 12.5"	8" - 9" x 20.5"	8" - 9" x 21.5"	Calf 16.5"x14"	14" x 7"
L	10"-11" x 13"	10" - 11" x 21"	10" - 11" x 22"	Calf 19" x 17"	16" x 7"
XL	12"-13" x 13.5"	12"-3" x 21.5"	12"-13" x 22.5"	Calf 21" x 20"	18" x 7"

## ABOUT THE PATENTED AIR BELT® TECHNOLOGY

The Air Belt is a uniquely designed inflatable Lumbar Support that can be conveniently worn inside or outside of clothing without restricting normal mobility. Features the Patented Air Bladder System. When inflated the interconnected air chambers conform to the back applying forward pressure that supports and naturally massages to reduce muscular discomfort. The Air Belt helps to encourage proper alignment of the lower back, a key for a healthy back.

IMPACTO's patented multi-cell pneumatic Air Bladder Technology employs air as the primary element to not only effectively support but to cushion and stabilize as well. The unique design provides optimum anatomical conformance with firm supportive pressure to specific muscles. There is no restriction of blood flow or inhibition of natural range of motion. In addition, the air cells actually create a pulsing, graduated compression which massages the muscles, keeping them properly elongated and in a resting state. In this condition muscles are less prone to initial or continuous injury. Studies are available on request.

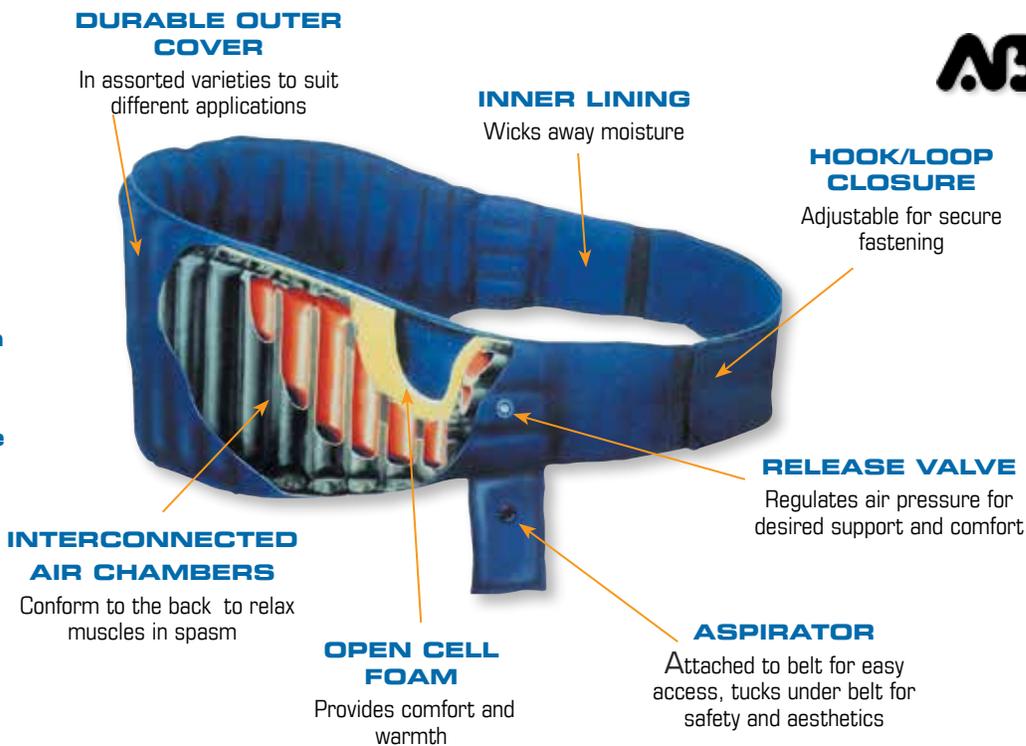
**Promotes Muscle Relaxation**

**Improves Posture Alignment**

**Naturally Supports the Lower Back**

**Helps Alleviate Pain and Discomfort**

**Available in Multiple Styles**



### AIR PLUS™

Durable nylon exterior with breathable lining. Extended Nylon webbing strap with hook/loop closure fits two convenient sizes. Used for general everyday back protection during work when standing or sitting for prolonged periods.

# AP - Lumbar support

# SUSPENDERS - Elastic suspenders attach at the waist with hook/loop, sold separately

USA INS. HCFA CODE L0630





S-XXXL RSI

**AIR TECH**

Durable nylon exterior. Breathable soft lining keeps area warm. Nylon webbing front strap with hook/loop closure. For general light duty activities to promote proper sitting posture.

# **TECH**  
USA INS. HCFA CODE L0630



S-XXXL RSI

**FIRE RETARDANT**

Shell resists heat and flame. Soft foam liner for extra comfort and retention of body heat for muscle relaxation. Ideal for utilities, steel mills and petrochemicals.

# **SPFR** - FR outer shell  
# **SPNOMEX** - Nomex® shell  
USA INS. HCFA CODE L0630



S-XXXL RSI

**SPORT PLUS**

Breathable cotton outer shell. Soft foam liner for extra comfort and retention of body heat for muscle relaxation. Fabric shell protects the belt from getting caught on objects. Great for light duty industrial and recreational use.

# **SP**  
USA INS. HCFA CODE L0630



S-XXXL RSI

**DUAL ADVANTAGE**

With the advantage of heavy duty adjustable leather belt. This reinforces the conformation of the bladder to the back providing additional support to the abdominal muscles. Robust metal roller buckle. Used where a very durable back support is needed such as mining jobs.

# **DUAL**  
USA INS. HCFA CODE L0630



S-XXXL RSI

**COMFORT PLUS**

Fabric outer shell offers breathable comfort and protects the belt from getting caught on objects. Foam inner lining promotes retention of body heat and extra comfort. Padded front provides abdominal support.

# **CP**  
USA INS. HCFA CODE L0630



S-XXXL RSI

**DIPBELT**

Contoured design, prevents "Riding up". Extended air chambers along the back provide additional support. Soft neoprene front panels ensure additional comfort. Excellent conformance to back and hips. Ideal for women.

# **DIPBELT**  
USA INS. HCFA CODE L0630



S-XXXL RSI

**LUMBOSACRAL**

Contoured and extended air bladder provides support and stability to the sacral region. Neoprene stretch fabric in front and side panels. Moisture absorbing inner lining with durable nylon outer cover. Adjustable straps provide additional support over the lower back area. Provides maximum pain reliever for prevention or support for existing conditions.

# **LS**  
USA INS. HCFA CODE L0630



**AIR TEMP ADVANTAGE**

Back and abdominal support with the advantage of interchangeable Air, Cold or Heat. Two pockets which rotate off centre for additional therapeutic relief when inserting Air Chamber, Cold Compression or Heat Therapy (not included) as required. Flexible Neoprene stretch fabric in front and side panels. Breathable elastic mesh back panels. Multiple plastic support stays with non-slip strips. Adjustable elastic straps provide additional support.

# **ATA** - 2 air chambers included  
# **SUSPENDERS** - Elastic suspenders attach at the waist with hook/loop, sold separately  
USA INSURANCE HCFA CODE L0630



S-XXXL RSI





**BACK COACH BACK SUPPORT**



Elastic breathable mesh body with side elastic straps for when extra support is needed. Multiple plastic support stays help support the back and align the spine. Ideal for every day protection. Adjustable hook/loop closure. Elastic suspenders included. Comfortable and non-slip, designed for light and medium duty jobs. Provides lower back and abdominal support. Helps prevent back discomfort.

# BC

**BIO-BACK BACK BRACE**



A remarkably simple and ergonomically perfect Lumbar Orthosis. Patented features provide a truly effective solution for back pain. Bilateral Opposing Forces clinically proven to reduce the activity and strain on key endurance muscles in the lower back. Simultaneously the redistribution of pressure enhances core stability. Universal fit with soft fabric cover and adjustable strap.

# BB200 - waist 22-50 inch  
# BB300 - waist 51-78 inch  
USA INS. HCFA CODE L0627

**THERMO WRAP SUPPORT**



Soft inner lining captures body heat, wicks away moisture and helps prevent skin irritation. Contoured shape and firm fit. Provides pain relief and mild compression for muscle injuries and general lower back dysfunctions. Adjustable hook & loop closure.

# TS213  
USA INS. HCFA CODE K0637

**POSTURE PAL LUMBAR CUSHION**



Stiff foam, convex shaped reinforces the curve of the lower back, soft felt outer cover absorbs moisture, durable vinyl back. Elastic securing straps with hook & loop closure. Provides comfort and support to the lower back when sitting for long periods. Promotes proper posture. For use at home, office, automobile.

# PPAL

**BACK SUPPORT SIZING INFORMATION**

Size	Air Belt	#Dual	#LS & #DIPBELT	#ATA & #BC	Thermo Wrap
XS					23"-27" / 60-69 cm
S	24"-28" / 61-71 cm	28"-32" / 71-81 cm	24"-28" / 61-71 cm	24"-32" / 61-82 cm	27"-32" / 70-80 cm
M	29"-35" / 72-89 cm	33"-36" / 82-91 cm	29"-35" / 72-89 cm	32"-37" / 82-94 cm	32"-35" / 81-90 cm
L	36"-41" / 90-104 cm	37"-42" / 92-107 cm	36"-41" / 90-104 cm	36"-42" / 91-107 cm	35"-39" / 91-100 cm
XL	42"-50" / 105-127 cm	43"-48" / 108-122 cm	42"-46" / 105-117 cm	41"-48" / 104-122 cm	39"-44" / 101-112 cm
XXL	51"-56" / 128-142 cm	49"-54" / 123-137 cm	47"-52" / 118-132 cm	46"-52" / 117-132 cm	44"-48" / 113-125 cm
XXXL	57"-62" / 143-157 cm	55"-60" / 138-152 cm	53"-58" / 139-147 cm	53"-58" / 133-147 cm	

To determine sizing use waist measurement and add 2" if belt is worn over clothing. For #LS, #DUAL, & #DIPBELT use hip measurement.

**UPGUARD NECK SUPPORT SYSTEM**



Without the UPGUARD



With the UPGUARD

Early X-Ray studies show what is occurring within many of the neck structures with the aid of the UPGUARD.

IMPACTO® ergonomic neck support system prevents over extension helping to reduce neck pain, fatigue and injury for workers that must look-up for sustained periods. Doctor designed and approved! Helpful in rehabilitation of neck conditions.

Ideal for many activities that involve looking-up for long periods, such as mechanic, forestry, painting, plumbing, carpentry, electrical work, building maintenance, dry wall installation, operating lift trucks, working on assembly, utility workers, washing windows, automotive maintenance, general maintenance.

Lightweight molded design with soft polyurethane foam. Large capacity fire retardant straps attach to waist with metal clips for secure fastening. One size, sold as each.

# UPGUARD





**IMPACTO**  
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