



IMPACTO®

www.impacto.ca

Impact

Vibration

Repetitive Strain

Cumulative Trauma

Heat & Slash

Puncture

Abrasion

Fatigue



Ergonomic Catalogue





IMPACTO® Protective Products Inc.

HEAD OFFICE

Impacto Protective Products Inc.
PO Box 524, 40 Dussek Street
Belleville, Canada K8N 5B2

Tel 613 966 0062

Fax 613 966 0067

N. America 888 232 0031

U.K. Free Call 0800 0280 243

E-mail: impacto@impacto.ca

www.impacto.ca



www.viscolas.com



www.ergotech.ca

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 and Ergotech in 2011, expand IMPACTO's business footprint in the industrial ergonomics and safety fields while continuing to provide excellent service to clients.

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



ANTI-VIBRATION AIR GLOVE	About the Air Glove	4
	Leather Air Gloves, Air Liners	5
	Coated, Anti-Slash, Fitter's Air Gloves	6
SPECIALTY GLOVES	Blackmaxx, Dryriggers	7
ANTI-IMPACT GLOVES	About Viscolas VEP Padding	8
	400 Series/Pearl Leather Gloves	9
	500 Series/Fingerless Gloves	10
	600 Series/Full Finger, 700 Series/Wrist Support	11
ANTI-IMPACT ERGOTECH LINE	New Ergotech Gloves and Wrist Supports	12
WRIST SUPPORT	About Wrist Supports, Elastic, Leather	13
OTHER HAND PROTECTORS	Flex, Tennis Elbow Supports, Anti-Fatigue Gloves, Carpal Control	14
	Work Gloves, Finger Protectors, Carpal Tunnel Gloves	15
	Soft Mallets, Hammer Glove, Hand Exercisers, Silentfeet, Twittens	16
ANTI-VIBRATION GRIP KITS	Grip Wraps, Orthex Tool Wraps, Sorbogrip, Viscolas Sheets	17
THERMO WRAPS	Therapeutic Supports	18
KNEE PADS	About Knee Protection	19
	Foam Knee Pads	20
	Rubber, Soft Padded Knee Pads	21
	Gel Knee Pads	22
MATS & CUSHIONS	Handy Mat, Comfort Mats	23
FOOT PROTECTORS	Airsol, Impactosol, Cush'n Step, Nusol Insoles	24
	Viscolas Insoles, Heel Cushions, Orthotic Components	25
	Ergotech Insoles	26
	Rhinotuff Insoles, LiquaCare Insoles, Megacomfort	27
	Turbotoe & Impactoe steel toe caps, Metguard metatarsal guard	28
BODY PADS	Arm, Shoulder, Torso Protection	29
	Sitting Mats, Anti-Vibration Cushions, Thigh, Shin, Seat Mount	30
	Anti-Impact Padded Vests	31
ANTI-SLASH PROTECTORS	Forearms, Sleeves, Aprons, Jackets, Shin	32
BACK SUPPORTS	About the Air Belt	33
	Air Belt Lumbar Supports	34
BACK & NECK SUPPORTS	Back Coach, Thermo Back, Posture Pal, UPGUARD Neck Support	35

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 (pr), LH (left hand), RH (right hand), For example, #501-00LPR, #501-00LLH, #501-00LRH.

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.

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 maximum comfort, dexterity and safety. Used with vibrating power tools such as grinders, chipping hammers, trimmers, road breakers, sanders and chainsaws. Air technology protects the palm, thumb and fingers.

Synthetic Suede leather provides excellent wear and flexibility. Textured patches on palm and finger tips ensure superior gripping. Adjustable wrist tab with hook/loop closure. Mesh back allows hand ventilation. Machine washable.

MECHANIC'S STYLE

UOM: PR

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.

Textured patches on palm and finger tips ensure superior grip. 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

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



BG401

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



BG413

ANSI / ISO 10819

BG473

RSI



ANSI / ISO 10819

BG475-30

RSI



RSI

ALL LEATHER

Full finger style used with vibration power tools in most construction and assembly operations. Air Bladder palm/fingers/thumb. Elasticized driver style cuff.

BG650

BG750 - with leather wrist support to protect from repetitive strain injuries (Inset)

UOM: PR, LH, RH

XS - XXL

ANSI / ISO 10819



Worn under any protective glove. Breathable, lint free jersey fabric. Air bladder protection in the palm, fingers and thumb. Leaves no lint for clean work environments.

BG505 - half finger design leaves fingers free for tactile feedback.

BG601 - full finger, meets ANSI/ISO 10819

ANTI-VIBRATION AIRLINER®

UOM: PR, LH, RH

XS - XXL

ANSI / ISO 10819



NEW!



100% KEVLAR® knit back protects from slash and sparks. Durable black cowhide leather palm, thumb and finger gussets Ideal for vibrating tools such as grinders. Excellent finger sensitivity and tool control. Developed for the US Navy. Adjustable hook/loop closure.

BG420

ANTI-VIBRATION SPARK RESISTANT

UOM: PR, LH, RH

XS - XXL

ANSI / ISO 10819



NITRILE COATED

Ultimate dry gripping Nitrile coated fabric provides 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 to make this glove into an open finger style. Driver style cuff with elasticized wrist offers great fit.

UOM: PR, LH, RH

XS - XXL

ANSI / ISO 10819



BGNITRILE

NITRILE DIPPED

BG600



Solvent and chemical resistant Nitrile provides excellent grip and barrier in oily environments. Cut and abrasion resistance, excellent dexterity. Air bladder in the palm, fingers and thumb.

BG600 - gauntlet safety cuff

BG610 - knit elastic cuff

UOM: PR

S, M, L/XL

ANSI / ISO 10819

**RUBBER DIPPED**

Liquid resistant rubber dipped glove offers outstanding grip when working with water. Superior abrasion protection. Air bladder palm/fingers/thumb.

BG620 - gauntlet safety cuff

BG630 - knit elastic cuff

UOM: PR

S, M, L/XL

ANSI / ISO 10819

**ANTI-SLASH**

Made of knit 100% KEVLAR®. Safety cuff made of 100% KEVLAR®. Protects from abrasion, vibration, heat and slash.

BG790-00



UOM: PR, LH, RH

XS-XXL

ANSI / ISO 10819

**ANTI-SLASH WITH LEATHER**

Made of knit 100% KEVLAR® with soft pearl leather cover on the palm, thumb and index finger. Safety cuff made of 100% KEVLAR®. Protects from abrasion, vibration, heat and slash.

BG790-40



UOM: PR, LH, RH

XS - XXL

ANSI / ISO 10819

**FITTER'S STYLE**

Soft pearl leather palm and fingers ensure dexterity and tactile feedback. Cotton back provides breathability. Suede leather wide safety cuff.

BG690



UOM: PR, LH, RH

XS - XXL

ANSI / ISO 10819



22112



BGFITSUEDE

Cotton back for breathability. Reinforced stitching ensures durability. Cotton safety cuff.

BGFITL - soft pearl leather in the palm & fingers

BGFITS - palm, thumb and index with durable suede leather offer great gripping and abrasion resistance

UOM: PR

M, L, XL

ANSI / ISO 10819



ANTI-VIBRATION BLACKMAXX™



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. All Blackmaxx gloves are sold per pair.

BLACKMAXX

Economical design made of Nylon/ cotton knit seamless material ensures stretch and breathability

- # 4731 (M red cuff)
- # 4732 (L blue cuff)
- # 4733 (XL yellow cuff)

**BLACKMAXX PRO**

Same materials and design as the BLACKMAXX but meets international anti-vibration glove standard ISO 10819

- # 4737 (M yellow cuff)
- # 4738 (L white cuff)
- # 4739 (XL green cuff)

**NEW!****BLACKMAXXTOUCH**

Same materials and design as the BLACKMAXX but in 1/2 finger style for jobs where tactile feedback is necessary

- # 4746 (M red cuff)
- # 4747 (L blue cuff)
- # 4748 (XL yellow cuff)

**NEW!****BLACKMAXXBLADE**

Made of 60% KEVLAR® and 40% cotton seamless knit material (7 gauge liner) to incorporate excellent Protection from slash

- # 4740 (M red cuff)
- # 4741 (L blue cuff)
- # 4742 (XL yellow cuff)

**BLACKMAXXBLADE PRO**

Same materials and design as the BLACKMAXXBLADE but meets antivibration glove standard

- # 4743 (M red cuff)
- # 4744 (L blue cuff)
- # 4745 (XL yellow cuff)

**NEW!**

DRYRIGGER - OIL & WATER RESISTANT



DESIGNED FOR THE OIL AND GAS INDUSTRY

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

#WGRIGG**NEW!**

#WGWINRIGG - New! Insulated DRYRIGGERS for use in cold temperatures

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 Lycra® for comfort, dexterity and moisture evaporation.

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 Lycra allows full mobility and offers excellent breathability
- Ideal for work in warm environments or as a liner under specialty work glove

UOM: PR, LH, RH

XS - XXL



PEARL LEATHER IMPACT 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	-
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
479-31	3/4	Palm/thumb/index	Elastic



403-30



401-30

473-30



RSI

475-30



RSI

479-31



RSI

UOM: PR, LH, RH

XS - XXL



400-00



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.

UOM: PR

XS - XXL



AV408



MECHANIC'S IMPACT

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



404-30



BUNDLER'S / TYING

Nylon back, pearl leather palm, VEP pad in the palm extended to the ulnar side. Used for tying cords or wrapping ties around cables, wires, hoses, copper tubing etc.

UOM: PR

XS - XXL



SPLIT PALM PADDING



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 GLOVE



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



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 IMPACT GLOVES

UOM: PR, LH, RH

XS - XXL



Part#	Fabric	Fingers	Leather	VEP Padding	
501-00	Polycotton Liner	-	-	Palm	2521
501-10	Nylon	-	Suede	Palm	4144
501-20	Nylon	-	Grain	Palm	2131
501-35	Nylon	-	Pearl	Palm to wrist	2111
502-00	Polycotton Liner	-	-	Palm/web	4144
502-10	Nylon	-	Suede	Palm/web	4144
502-20	Nylon	-	Grain	Palm/web	2131
505-00	Nylon Liner	3/4	-	Palm	
505-10	Nylon	3/4	Suede	Palm	4144
505-20	Nylon	3/4	Grain	Palm	2131
510-00	Polycotton Liner	-	-	Palm to wrist	2521
525-00	Nylon Liner	3/4	-	Palm/fingers/web	
525-01	Polycotton Liner	3/4	-	Palm/fingers/web	2521
525-20	Nylon	3/4	Grain	Palm/fingers/web	2131



501-04

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



506-20

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



507-01

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. 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	2521
503-10	Nylon	Suede	Palm/side/back	1/8" / 3 mm	4144
503-20	Nylon	Grain	Palm/side/back	1/8" / 3 mm	2131
503-14	Nylon	Suede	Palm/side/back	1/4" / 6 mm	4144
523-14	Nylon	Suede	Palm to wrist/side	1/4" / 6 mm	4144
523-15	Nylon	Suede	Palm to wrist/side	2 x 3/16"	4144
523-24	Nylon	Grain	Palm to wrist/side	1/4" / 6 mm	2131

FULL FINGER GLOVES



611-00

601-00 - padded with VEP in palm & finger

602-00 - pad in the fingers to relieve pressure point from use of 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 - with pad in the palm, fingers and thumb web area

POLYCOTTON LINERS

UOM: PR, LH, RH

XS - XXL



615-20

615-20 - heavy-duty grain leather with outer seams. 100% KEVLAR® stitching, VEP pad in the palm and fingers, suede safety cuff

650-20 - with driver style cuff, VEP pad in the palm

652-30 - pearl and grain leathers with reinforced palm and thumb web area, not padded, used to protect when working with rope or cables

FULL FINGER ALL 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	2521
703-10	Nylon	-	Suede	Palm	Suede	4144
703-20	Nylon	-	Grain	Palm	Grain	2131
714-20	Polycotton liner	-	-	Palm/web	Grain	2131
704-10	Nylon	-	Suede	Palm/web	Suede	4144
704-13	Nylon	-	Suede	Double Palm/web	Elastic	4144
704-20	Nylon	-	Grain	Palm/web	Grain	2131
706-20	Nylon	-	Grain	Palm/web/side/back	Grain	2521
712-02	Polycotton liner	Full	-	Palm/partial fingers	Grain	2521
712-23	Polycotton liner	Full	-	Palm/full fingers	Grain	2521
725-02	Polycotton liner	3/4	-	Palm/fingers/web	Grain	-
725-20	Nylon	3/4	Grain	Palm to wrist	Grain	2521



700-10

PADDED WRIST

Suede leather, continuous VEP pad on the palm and wrist support. Excellent protection in repetitive jobs. Firm support to prevent 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/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. Hook/loop closure.

UOM: PR, LH, RH

XS - XXL



NEW ERGOTECH HAND & WRIST PROTECTION



Sorbothane

ERGOTECH products are made with Sorbothane a thermoset, polyether base, polyurethane material that combines high-energy absorption with faultless memory. It's liquid-solid properties allow it 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: PR, LH, RH

XS - XL



Part#	Fingers	Sorbothane® Pad	Fabric	Leather
ER501	1/2	Palm	Cotton Polyester Lycra	None
ER502	1/2	Palm	Nylon Lycra Spandex	Black Suede
ER502LS	1/2	Palm/web	Nylon Lycra Spandex	Black Suede
ER502M4	1/2	Palm/side/back 3/16"	Nylon Lycra Spandex	Black Suede
ER502M8	1/2	Palm/side/back 1/8"	Nylon Lycra Spandex	Black Suede
ER504	1/2	Palm/thumb/fingers	Nylon Lycra Spandex	Black Suede
ER504NP	3/4	None	Nylon Lycra Spandex	Black Suede
ER505	3/4	Palm/thumb/fingers	Nylon Lycra Spandex	None
ER505NP	3/4	None	Nylon Lycra Spandex	None
ER605N	Full	Palm/thumb/fingers/web	Nylon Lycra Spandex	None
ER605CP	Full	Palm/thumb/fingers	Cotton Polyester	None



ER501



ER502LS



ER502M8



ER504



ER505



ER605



PALM STRIKE

3/16" Sorbothane 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 Lycra spandex, black suede palm cover. Sorbothane pad in the palm and to first finger joint. Detachable padded elastic wrist restrainer

ER504WTB

UOM: PR, LH, RH

S - XXL



WRIST SUPPORT

Half finger, nylon Lycra spandex, black suede palm cover. Dimple Sorbothane pad protects the palm and thumb web area. Detachable padded elastic wrist restrainer

ER509

UOM: PR, LH, RH

S - XXL



ER1000

Seamless cotton polyester knit wrist support with Sorbothane 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 Lycra spandex back ensure a snug fit. Wrap around Sorbothane pad and leather overlap maximizes both wrist support and protection

ER700

UOM: PR, LH, RH

S - XL



Jersey covered neoprene wrist and thumb restrainer for an economical and comfortable support without restricting finger movement. Double hook and loop closure. Ambidextrous

ER101

UOM: EA

ONE SIZE



3" elastic wrist support with a poly/cotton covered Sorbothane strip to help absorb impact-induced vibrations before reaching the elbow. Hook and loop closure, 13"

ERWW

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

For sizing measure around the wrist at the smallest point.

XS/S 4.5"-6.25"/11-13 cm

M 6.5"-7.5"/17-19 cm,

L/XL 7.75"-10"/20-25 cm



UOM: EA

XS/S, M, L/XL



#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.



#715-00

NEOPRENE WRAP

Ambidextrous, comfortable and lightweight neoprene wrist support with plastic stays on dorsal and palm side for additional support. Helps prevent RSI.

UOM: EA

XS - XL



#EL420

UNIVERSAL WRAP

Ambidextrous wrist protection. Foam padded with vinyl outer cover and breathable mesh lining. Adjustable elastic strap with hook/loop closure. For all day wear to prevent RSI.

UOM: EA

ONE SIZE



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



UOM: EA

S - XL



LEATHER WRIST SUPPORTS

#701-00



Fingerless glove, not padded. 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 and wrist support

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

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



UOM: PR, LH, RH

XS - XXL



AIR FLEX CARPAL TUNNEL SPLINT

Inflatable air chamber system with self-contained aspirator. Durable nylon outer cover, moisture absorbing inner lining with neoprene straps. Adjustable hook/loop closure. Rigid, plastic stays on dorsal side. Minimizes pressure on the carpal tunnel and median nerve. Provides Therapeutic support for pre-existing conditions. Provides compression and comfortable support.

For sizing measure around the wrist at the smallest point.

S 4.5" - 5.5", **M** 6.5" - 7.5", **L** 7.5" - 8.5", **XL** 8.5" - 11"

RSI

UOM: LH, RH

S - XL



#AFPLUS

TENNIS ELBOW SUPPORTS

RSI

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



#ER1520



S - L

ERGOTECH SUPPORT

Compression pad provides relief from inflammation of the elbow by limiting the extent to which forearm muscles contract

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



RSI

UOM: PR, LH, RH

XS - XL



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



RSI

UOM: PR

XS - XXL



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)

RSI



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 100% KEVLAR® with added layer of pearl leather on the palm and thumb. Breathable mesh back, 3" gauntlet safety 100% KEVLAR® 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 - 100% KEVLAR® knit fleece glove with Nomex® interlining

HR800 - Woven Norfab® shell with heavy duty blended yarns. 14 inch long

UOM: PR, LH, RH

ONE SIZE



FINGER PROTECTORS



1001

Tubular construction ring protector.

1000 - nylon fabric

1001 - polycotton

100/BAG

ONE SIZE



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

101-20 - finger

102-20 - thumb

UOM: DZ

S - XL



Pearl leather, elastic wrist with hook/loop, VEP pad.

200-31 - thumb only

UOM: EA

S - XL



3-finger with nylon back, pearl leather fingers, elastic wrist with hook/loop, VEP pad.

202-30

233-30 - thumb & index

UOM: EA

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



ST5010



ST5015



ST8206



ST8610

Reinforced stitching ensures durability

Durable saddle leather materials

Elastisized wrist with driver style cuff

Durable saddle leather palm

Fingers gusseted for optimum comfort

Nylon mesh back allows air flow to keep hands cool

Elastic wrist with adjustable hook/loop closure

Washable Synthetic Amara Suede Palm

SOFT HEAD MALLETS



SOFT BLOW

Non marring mallet for work on delicate surfaces such as during assembly operations. Sorbothane head absorbs and dissipates shock and impact

- # **300-00** - 2.5" x 4" head, 11.5" plastic ergonomic 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

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)

#**DP4700421** (L/9)

#**DP470052** (XL/10)



UOM: PR

M, L, XL



HAND EXERCIZER®

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)



VISCOLAS 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



SILENTFEET

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 to facilitate sliding. Recommended for small laundry rooms in carpet, concrete, rough stone and tile

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

TWITTENS - WINTER GLOVES FOR TEXTING

Allows access to your thumb and forefinger to enable easy texting or using touchscreens and other activities such as photography, operating bar scanners, etc. High quality PolarTech fleece fabric offers warmth with next-to-skin comfort and perspiration management. Palm and fingertip patches minimize slipping and texting interference. Elasticized wrist cuff keeps cold wind and snow out. Index & thumb pull backs attach with hook/loop fastening. Available in Black, Red and Pink

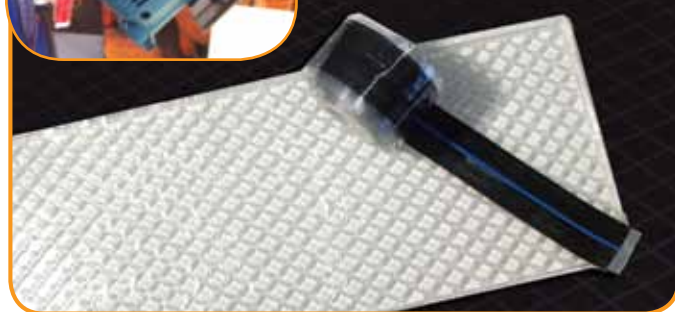
TWITTENS

PERFECT GIFT IDEA!

UOM: PR

XXS - L





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 waffle VEP and 4 yards self-adhesive silicone rubber tape

ITEM	VEP
#9066	6.5" x 5" x 3/16" / 30 x 12 x 4.5 mm
#9068	6.5" x 5" x 1/8" / 30 x 12 x 3 mm
#9065	13" x 5" x 3/16" / 30 x 12 x 4.5 mm
#9067	13" x 5" x 1/8" / 30 x 12 x 3 mm
#9064	13" x 15" x 3/16" / 30 x 38 x 4.5 mm

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 One Viscolas sheet, 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
#4711	12" x 5" x 1/4" / 30 x 12 x 6 mm
#4712	12" x 5" x 3/16" / 30 x 12 x 4.5 mm
#4713	12" x 5" x 1/8" / 30 x 12 x 3 mm



SORBOGRIP®

SINGLE TOOL HANDLE COVER

- Helps reduce fatigue and the potential harmful effects from vibrations associated with tools and power devices before it reaches the hand
- Made of 0.1" Sorbothane bonded with rugged, non-slip Toughtek® cover
- Effective in wet or dry, hot or cold conditions

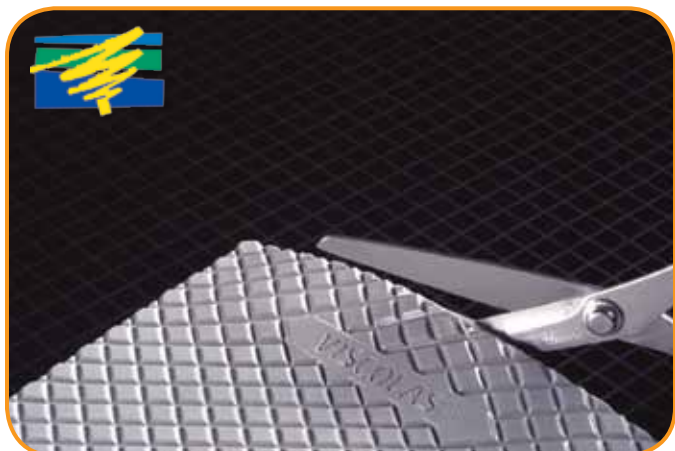
ITEM	VEP
#ERSG0406	4" x 6" x 1/10" / 10 x 15 x 3 mm
#ERSG0608	6" x 8" x 1/10" / 15 x 20 x 3 mm
#ERSG0406	2" - 6" x 6" x 1/10" / 5 - 15 x 15 x 3 mm



VISCOLAS 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

ITEM	VEP
#0660	12" x 5" x 1/4" / 30 x 12 x 6 mm
#0661	12" x 5" x 3/16" / 30 x 12 x 4.5 mm
#0662	12" x 5" x 1/8" / 30 x 12 x 3 mm
#RP0301E	13" x 15" x 3/16" / 30 x 28 x 4.5 mm
#RP0300E	13" x 15" x 1/8" / 30 x 28 x 3 mm



THERAPEUTIC SUPPORTS

RSI

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



#TS226

Wrist / Hand support
#TS214 (LH), #TS215 (RH)Wrist Support
#TS216Carpal Tunnel Brace
#TS242 (LH), #TS243 (RH)Tennis Elbow Support
#TS205Elbow Padded
#TS212Elbow support
#TS217Elbow Support w/strap
#TS228Shoulder support
#TS230Support with cutout patella
#TS209Standard knee support
#TS208Patella tracking Stabilizer
#TS866Ankle Support
#TS204

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, Thermo Wraps must be worn directly against the skin.

Other styles available.

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 or 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 or CASE 30

ONE SIZE

DIN 14404





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 or 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 or 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 or CASE 24

ONE SIZE



FIRE RETARDANT



PROBAN COVER

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

852-00

UOM: PR or CASE 24

ONE SIZE



FOAM HARD SHELL

Proban® removable outer fabric with Co-Polymer padding. Hinged action hard shell cap with flat surface for stability, dual elastic straps with hook/loop closure.

877-00

UOM: PR or CASE 20

ONE SIZE

DIN 14404



GEL HARD SHELL

Proban® removable outer fabric. Firm foam padding with Honeycomb GEL centre provides maximum protection. Hard shell cap, dual elastic straps.

879-00

UOM: PR or CASE 20

ONE SIZE



NITRO FOAM

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.

874-00 - short style

875-00 - extended cover supports the shin allowing the user to sit back on heels while working

UOM: PR or CASE 18

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 or CASE 24

ONE SIZE



**PLASTIC COVER**

Foam padding with nylon top cover. Sewn-on ribbed plastic cover. Top elastic strap and bottom webbing strap with plastic side release buckle closure.

826-00

UOM: PR or CASE 24

**HARD CAP**

Foam padding. Nylon top cover. Plastic cover attached with grommets. Double elastic with hook and loop closure

827-00

UOM: PR or CASE 28

**HEAT RESISTANT**

Molded rubber, snug, quick fitting design, heavy duty protection, heat resistant. Great for use in wet environments, elastic straps with hook/ loop closure

880-00

UOM: PR or CASE 16

ONE SIZE

**LIQUID RESISTANT**

Flexible molded rubber shell with sealed foam lining, accordion top cover, patterned surface, removable rubber straps and buttons.

860-00

860STRAP

UOM: PR or CASE 24

ONE SIZE

**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 or CASE 36

ONE SIZE

**Sorbothane****NEW ERGOTECH KNEE PADS**

Inside garment kneepad. Molded Sorbothane cap cover provides positive impact protection. Elasticized fabric with knit cotton lining for a smooth, comfortable fit

ER800

UOM: EA

ONE SIZE



Outer garment kneepad. Sorbothane kneecap cover over a molded closed cell foam pad. Nylon Lycra with suede leather cover. Dual elastic straps with adjustable hook/loop closure

ER802

UOM: EA

ONE SIZE

**VISCOLAS PADDED SOFT KNEE PADS**

Viscolas padding absorbs and dissipates shock and impact. Soft kneepads help minimize damage on delicate surfaces. Soft leather cover offers durability and abrasion protection



801-20

802-10 - pull on style with suede leather cover

801-20 - pull on style with grain leather cover

UOM: EA

ONE SIZE



803-20

803-10 - suede leather cover, with double elastic straps, hook and loop closure

803-20 - grain leather cover, double elastic straps with hook and loop closure

UOM: EA

ONE SIZE



GEL KNEE COMFORT



865-00 - sewn-on cover

865-01 - with snap-on cover, silicone free

UOM: PR or CASE 18

ONE SIZE

DIN 14404



HONEYCOMB GEL

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

CO-POLYMER RUBBER COVER

Prevents marring and scratching, Sewn cap helps keep debris out

ELEVATED FACE

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

SIDE TREADS

Absorb pressure around the perimeter of the knee

BALLISTIC NYLON

Outer cover is highly resistant for most work environments

TOP STRAP

Adjustable elastic with hook/loop closure for easy fastening

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

EXTENDED HEEL

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



100% PVC-FREE



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 extended threads.

UOM: PR or CASE 24

ONE SIZE

DIN 14404



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-release fastening system on the bottom. Elastic top strap with hook/loop.

UOM: PR or CASE 30

ONE SIZE



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/loop closure.



UOM: PR or CASE 28

ONE SIZE

DIN 14404



777-00



GEL KNEE/SHIN PROTECTION

Gel filled padding provides maximum protection and reduces pressure directly on the patella. Padding made with injected Super Gel and foam for extreme comfort. Elevated Face Improves stability and traction, absorbs impact and helps support the knee. Patented rubber prevents marring and scratching 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. Hook/loop closures.



UOM: PR or CASE 12

ONE SIZE

DIN 14404





#MAT5050



#MAT5030



#MAT5040

HANDY MAT

Resilient Closed cell PVC 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/mud. Impervious to petroleum products.

#MAT5000 - 4" x 6", single knee

#MAT5040 - 8" x 16"

#MAT5050 - 14" x 21"

#MAT5030 - 18" X 36", standing mat features beveled edge with safety strip



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"

#CUD818



#WORKMAT2436

RSI

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 of time. Used in many work environments including assembly and manufacturing, factories, offices, laboratories, restaurants, workshops, schools, gas stations, airports and more. Standard size 24"x36"x 5/8" with outside 3/4" beveled edge. Other sizes available.



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"

#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 denim, Cordura, vinyl and fire retardant Proban, for use in any environment. Mats can be customized to fit 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

#979-10 - 12" x 15", Proban fire retardant

#979-11 - 12" x 24", Proban fire retardant



#970-80

IMPACTO ANTI-FATIGUE INSOLES

IMPACTO lightweight cellular cushioning foam Insoles. Open-cell structure engineered for greater resiliency, breathability and reducing heat build up. Top layer provides constant cushioning and even distribution of weight to protect pressure points. IMPACTO Insoles provide superior impact and shock absorption. Antimicrobial foam helps to reduce foot odor. Fully washable. All Insoles are sold per pair.

Anti-Fatigue Insoles Absorb Shock and Impact from Heel Strike

Cushion and Cradle the Heel

Help prevent Lower Back, Foot and Leg Pain

Alleviate Fatigue and Discomfort

Available in Multiple Styles to Suit Specific Applications

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

RSI



100% PVC-FREE



IMPACTOSOL™ GEL

Flat style, Epoflex® 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



AIRSOL™ FLAT

FULL FLAT Style. Designed to provide comfort and support for every day wear, used with dress, sports and low cut footwear.

ASFLAT



100% PVC-FREE



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



ECONOMIC FOAM

Contoured molded style. Made of Polyurethane foam with heel and metatarsal inserts insert for extra cushioning. Fabric cover wicks away moisture. One size with trim marks to customize.

NUSOLM - fits USA men shoe size 7 to 12

NUSOLW - fits USA women shoe size 5 to 13

AIRSOL & CUSH'N STEP SIZE INFORMATION (Shoe)

Size	A	B	C / E	D / F	G	H
USA Men			7 - 8.5	9 - 10.5	11 - 12.5	13 - 14
USA Women	5 - 6.5	7 - 8.5	9 - 10.5	11 - 12.5		
UK	1 - 3	3.5 - 5	5.5 - 7	7.5 - 9	9.5 - 11	11.5 - 12.5
Europe	33 - 36	36 - 38	39 - 40	41 - 43	44 - 45	46 - 47

IMFLAT SIZE INFORMATION (Shoe)

Size	IMFLATA	IMFLATB	IMFLATC	IMFLATD	IMFLATE
USA Men	2 - 4	5 - 7	8 - 10	11 - 13	14 - 16
USA Women	4 - 6	7 - 9	10 - 12		
UK	1 - 3	4 - 6	7 - 9	10 - 12	13 - 15
Europe	33 - 36	37 - 40	41 - 44	45 - 48	49 - 52

VISCOLAS® HEEL PROTECTION

Viscolas visco-elastic polymer is formulated for orthopedic application. 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



ORTHEX™ 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	#4781	#4760	#4834	#4838	#4769
B	5 - 7	7 - 9	4 - 6	37 - 40	#4782	#4761	#4835	#4839	#4770
C	8 - 10	10 - 12	7 - 9	41 - 44	#4783	#4762	#4836	#4840	#4771
D	11 - 13		10 - 12	45 - 48	#4784	#4763	#4837	#4841	#4772

PHYSICIANS ORTHOTICS COMPONENTS

Modular Orthotic System are specialized custom orthotic components recommended for use in conjunction with the Viscolas Reliever insoles to alleviate certain painful foot conditions. Self-adhesive, components stay in place where you put them. Wide range allow flexibility to formulate immediate custom orthotic for patients requiring moderate adjustments. Combinations for therapeutic and preventive treatment are practically unlimited. 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. The natural tackiness can be increased with an application of alcohol or decreased with a dusting of talcum powder.

USA INS. HCPCS CODE L3040



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	#4942		#4943
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	#4944	#4945	#4946
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	#4999 1/8" #4976 1/4"		#4975 1/8" #4977 1/4"
HEEL LIFT (Each)	Leg length discrepancy, Equinus, Achilles tendonitis	#4985 1/8" #4997 1/4"		#4986 1/8" #4998 1/4"

ERGOTECH SHOE 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 significantly longer than any other insole on the market
- Lightweight, breathable and antifungal
- Sold per pair



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 - see size chart



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 - see size chart



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 for rear foot stability

ERINGRA - see size chart



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 - see size chart



SORBO-GEL®

TRIM-TO-FIT. 100% Sorbothane offers excellent wear and comfort. Perfect for everyday use, this trim-to-fit multi-purpose insert helps to provide comfort. Put SorboGel Inserts in dress or casual shoes. Reduces pain in feet, knees, hips and lower back

ERINSORM - fits USA men shoe sizes 8 - 12

ERINSORW - fits USA women shoe sizes 6 - 10

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					



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
- Meets minimum force resistance of 270 Lbs. per ASTM F2413
- Transform low-cost boots and shoes into comfortable, anti-fatigue, puncture resistant footwear for a fraction of the cost associated with high-end work boots
- Comfortable, lightweight and flexible design with moisture wicking fabric
- Heel cup and arch support offer improved foot stability to reduce fatigue and pain
- Suitable for use in all workplaces and industries including mining, construction, manufacturing, transport, storage, forestry, farming, landscaping, retail trade, airports, government facilities, shipyards, utilities, maintenance facilities, warehousing, etc

RSI

Part#	USA Men	USA Women	UK	Europe
RHINOTUFFA	5 - 6	7 - 8	4.5-5.5	37 - 38
RHINOTUFFB	7 - 8	9 - 10	6.5-7.5	39 - 41
RHINOTUFFC	9 - 10	11 - 12	8.5-9.5	43 - 44
RHINOTUFFD	11 - 12	13 - 15	10.5-12.5	45 - 46
RHINOTUFFE	13 - 15		13	47 - 49

LIQUA® CARE THERAPEUTIC INSOLES

Ideal for prolonged standing. Used with most types of footwear. Liquid flows through a patented, anatomically designed control channels, ensuring directional stability walking or standing. The dynamic flow of liquid distributes body weight enabling movement of the foot muscles. This massaging action stimulates the venous pump function, reducing pressures, soreness and aching feet and providing fatigue relief and sensational comfort.

VIVASTEP - without fabric cover

FLOWGEL - with fabric cover

Size	USA Men	USA Women	Europe
A		4 - 5.5	35 - 36
B	4 - 5.5	6 - 7.5	37 - 38
C	6 - 7.5	8 - 9.5	39 - 40
D	8 - 9.5	10 - 11.5	41 - 42
E	10 - 11.5	12 - 13.5	43 - 44
F	12 - 13.5		45 - 46

RSI



FLOWGEL # **VIVASTE**P

MEGACOMFORT® MEMORY FOAM TECHNOLOGY

Made with ultra high density memory foam. Recommended for industrial and extra-depth footwear. Soft fabric cover wicks away moisture. Absorb shock and impact, provide maximum comfort and decrease foot, knee and back pain. Machine washable. Memory foam compresses for safe clearance in steel toe footwear. Odour reducing with natural fresh scent anti-fungal and anti-bacterial properties

PAM - Molded insoles

PAMESD - ESD threads provide Electrostatic Dissipation, used with ESD footwear that meets ASTM standards

MEGASOLE - Molded style with Gel cushioning in the heel and arch area

MEGATHOTIC - Multiple re-attachable 3 in 1 Orthotic arch supports all in one package! Affordable alternative to custom made foot orthotics. Includes interchangeable polypropylene arch supports: blue (medium), black (firm)



PAM



PAMESD



MEGASOLE



MEGATHOTIC

RSI

PAM & PAMESD SIZE INFORMATION (Shoe)														
Size No.	3	4	5	6	7	8	9	10	11	12	13	14		
USA Men		4	5	6	7	8	9	10	11	12	13	14		
USA Wom.	5	6	7	8	9	10	11							
Europe	36	37	38	39	40	41	42	43	44	45	46	47		

MEGASOLE SIZE INFORMATION (Shoe)									
Size No.	3	4	9	11	13	15			
USA Men		6-7	8-9	10-11	12-13	14-15			
USA Wom.	5-7	8-9	10-11	12-13					
Europe	36-38	39-40	41-42	43-44	45-46	47-48			

MEGATHOTIC SIZE INFORMATION (Shoe)									
Size No.	5	6	8	10	12	14			
USA Men		6-7	8-9	10-11	12-13	14-15			
USA Wom.	5-7	8-9	10-11	12-13					
Europe	36-38	39-40	41-42	43-44	45-46	47-48			

TURBOTOE STEEL TOE CAP

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 PVC. Tread under sole help prevent slipping. 100% waterproof, will not harden, stiffen or crack. Sold per pair, 8 pairs per case.

Certified to CSA Standard Z195-09 - Protective Footwear. CLASS 7231 01 OCCUPATIONAL HEALTH AND SAFETY PRODUCTS. Grade 1 protective toe.

Part#	Toe Color	USA Men	USA Women	UK	Europe
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



Steel Toe meets ASTM F2413-05 M/A/75/C/75



Steel Toe meets ASTM F2413-05 M/A/75/C/75

IMPACTOE SAFETY STEEL TOE CAP

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. Transferable from person to person. Sold per pair.

Certified to CSA Standard Z195-09 - Protective Footwear. CLASS 7231 01 OCCUPATIONAL HEALTH AND SAFETY PRODUCTS. Grade 1 protective toe.

Part#	Toe Color	USA Men	USA Women	UK	Europe
IMPACTOEXXS	Pink	5.5 - 6	7 - 7.5	5 - 5.5	36 - 38.5
IMPACTOEXS	Grey	6.5 - 7	8 - 8.5	6 - 6.5	38 - 39.5
IMPACTOES	White	7.5 - 8	9 - 9.5	7 - 7.5	40 - 41.5
IMPACTOEM	Yellow	8.5 - 9	10 - 10.5	8 - 8.5	42 - 43.5
IMPACTOEL	Red	9.5 - 11.5	11 - 13	10 - 11	44 - 45.5
IMPACTOEXL	Blue	12.5	14	12	46 - 47.5
IMPACTOEXXL	Green	14	15.5	13.5	48+

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 F2413 /F2412.

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

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 with removable pad

#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

#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®



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 Cambrelle® fabric top side. Memory foam conforms to the natural shape of the body to provide comfortable protection. Strap with hook/loop to affix to seat, 17" x 17".

#907-40 - single foam padding

#917-40 - double foam padding



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.

#807-10 - one size, 9.5" x 7"

#817-10 - with extended padding



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

ANTI-IMPACT BODY PADS

Designed for educational and institutional workers to prevent bruising and other trauma. Also ideal in industrial applications for body protection in abrasive environments such as confined spaces or protection from flying debris.

DENIM VEST

Multi-layered removable foam padding in torso, groin and kidney area. Padded detachable neck guard. Durable denim outer fabric. Breathable fabric lining. Seam at waist ensures flexibility. Remove padding to wash, machine washable. Provides protection from bruising and other trauma. Adjustable front and side elastic straps with hook and loop closure.

#934-01 - hook and loop front closure

#934-02 - with front sewn together to prevent exposure of the torso area



Chest measurements	
S	35" - 37.5" / 89 - 95 cm
M	38" - 40.5" / 96 - 103 cm
L	41" - 44" / 103 - 111 cm
XL	45" - 47" / 112 - 119 cm
XXL	48" - 49" / 120 - 124 cm

BREATHABLE ANTI-IMPACT VEST

Unisex style with low rise collar. Moisture wicking CoolMax® black fabric with soft inner lining. The entire length of the arm is padded front and back. Split padding in the front of the arm facilitates mobility. Mesh fabric in the underarm area ensures ventilation. Thumb hole at the wrist to keep vest in place and prevent being pulled off. Durable plastic front zipper closure. The entire front is padded with 1/2" dense foam from the shoulder to the kidney area. Breathable mesh lining where padded. The back side is fully padded, pad can be removed if not needed. Sizes S to XXL.

#934-05





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

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

Double layer 100% KEVLAR® knit

AL251-12 - ambidextrous

AL251-13 - extended length, ambidextrous

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

UOM: EA

S - XL



AL290

SLEEVES

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

AL290 - with grommets

AL290-01 - no grommets

UOM: PR

S - XL



KEVLAR® WRIST CUFF

Double layer 100% KEVLAR® twill protects from heat and slash, elastic loop around thumb, adjustable hook/loop closure

AL252-03

UOM: EA

S - XL



NYLON WRIST CUFFS

AL252 - single layer nylon mesh, loop around thumb, hook/loop closure

AL253 - double layer nylon mesh protects from slash, loop around thumb, snap closure

UOM: EA

S - XL



AL253



SLASH APRON

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



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"



AL257

SHIN PROTECTORS

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

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

UOM: EA

S - XL



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

DURABLE OUTER COVER

In assorted varieties to suit different applications

INNER LINING

Wicks away moisture

HOOK/LOOP CLOSURE

Adjustable for secure fastening

RELEASE VALVE

Regulates air pressure for desired support and comfort

INTERCONNECTED AIR CHAMBERS

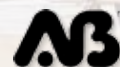
Conform to the back to relax muscles in spasm

OPEN CELL FOAM

Provides comfort and warmth

ASPIRATOR

Attached to belt for easy access, tucks under belt for safety and aesthetics



SM, L/XL, XXL

RSI



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





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



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 - Proban® outer shell

#SPNOMEX - Nomex® shell

USA INS. HCFA CODE L0630



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



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



COMFORT PLUS

Outer cover of soft breathable Cambrelle® fabric. Foam inner lining promotes retention of body heat and extra comfort. Padded front provides abdominal support. Fabric shell protects the belt from getting caught on objects.

#CP

USA INS. HCFA CODE L0630



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



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 ELASTIC BACK SUPPORT

Comfortable, non-slip back support designed for light and medium duty jobs, ideal for every day protection. Provides lower back and abdominal support. Helps prevent back discomfort. Used in many industries including retail, warehousing, manufacturing and automotive.

#BC

S-XXXL RSI



Non-slip strips on the stays help keep belt in place

Multiple plastic support stays to help support the back and align the spine

Elastic side straps when extra support is needed

Elastic mesh panels provide ventilation and comfortable fit

Elastic suspenders included. Also sold separately as replacement

#SUSPENDERS



Adjustable hook/loop closure

THERMO WRAP SUPPORT

XS-XXL RSI



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. Hook & loop closure.

#TS213 - support wrap

#TS227 - with elastic side straps and plastic stays for additional support

USA INS. HCFA CODE K0637

POSTURE PAL LUMBAR CUSHION



Chair not included

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 & #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

RSI





IMPACTO®
Protective Products Inc



P.O. Box 524 • 40 Dussek Street
Belleville • Ontario • Canada • K8N 5B2
Tel 613-966-0062 • Fax 613-966-0067
Toll Free N. America 888-232-0031
Free Phone UK 0800 0280 243
E-mail: impacto@impacto.ca



Innovative Protection Designed for the Worker

ISO 9001:2008 Certified



• Gloves • Wrist Supports • Arm Protectors • Back Belts • Body Pads • Cushions • Kneepads • Insoles • Metatarsal Guard • Safety Toe Cap •



www.impacto.ca

IMPACTO®, Air Glove®, AirLiner®, Air Belt®, Viscolas®, UPGUARD™, AIRSOL™, CUSHN STEP™, IMPACTOSOL™, IMPACTOE™, BLACK MAXX™ are registered trade marks of Impacto Protective products Inc. DuPont™, KEVLAR®, Cambrelle®, Lycra®, Cordura® are trade marks or registered trade marks of E.I. duPont de Nemours and Company. Proban® is a registered trade mark of Albright & Wilson. Epoflex® is a registered trade mark of Magister Corp. MegaComfort™, Personal Anti-Fatigue Mat™, MultiThotic™, MegaSole™ are trade marks of MEGACOMFORT. Lique®, Flow Gel™ are trade marks of ProBody Medical Aps. Eggsercizer®, The World's Smallest Exercise Machine® are trade marks of Eggstra Enterprises. Sorbothane®, SorboGrip®, Sorbolite®, Sorbogel®, SorboAir® are registered trade marks of Sorbothane Inc. Toughtek® is a registered trade mark of Harrison Technologies.