

## 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       |



# 473-30



# 475-30



# 479-31



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



## 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



# 704-20

# 712-02

| 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

