

2019



**KONG**<sup>®</sup>





## ENGINEERED FIT

Different situations have different fit requirements. We design our gloves with our industry leading flawless fit system that defines up to 16 application driven measurements to provide best in class fit.



## TIGHT TOLERANCES

Our factories are held to the highest standards of quality control to ensure that every glove meets our superior level of quality. This guarantees that the first glove off the line fits exactly the same as the last one.



## OPTIMIZED DESIGN

Every material has unique characteristics that are considered when we design our glove fit. We choose the best materials for the task at hand, then design the fit specs around the materials to ensure comfort and durability.



# 20 YEARS

OF GROUND-BREAKING GLOVE INNOVATION

1998



**GENERAL UTILITY™**  
FIRST HIGH PERFORMANCE  
TASK SPECIFIC WORK GLOVE



**BOX HANDLER®**  
FIRST SILICONE PALM  
WORK GLOVE

2000



2004



**HEATWORX®**  
FIRST RUBBER MOLDED  
PALM WORK GLOVE



**RANCHWORX®**  
FIRST SEAMLESS ROLLTOP  
FINGERTIP® GLOVE

2005



2008



**KONG® ORIGINAL**  
FIRST HEAVY IMPACT OIL  
& GAS DRILLING GLOVE



**HPT™ TECHNOLOGY**  
FIRST GLOVE DESIGNED FOR  
HEAVY SATURATION DRILLING

2010



2015



**VIBRAM® OBM**  
FIRST WORK GLOVE WITH  
WORK BOOT PALM TECHNOLOGY



**VISUAL ENGINEERING®**  
FIRST GLOVE WITH OPTICALLY  
ENHANCED IMPACT TPR'S

2016



2017



**LIMITLESS LEATHER™**  
FIRST 360° CUT, ULTRA-DUTY  
LEATHER WITH IVE™ TPR



YOUR HANDS ARE  
EXTREMELY IMPORTANT.  
DEMAND THE BEST FOR THEM.  
**DEMAND IRONCLAD.**



**COMMAND™**

**NEW**

COMMAND™ WORK

4

COMMAND™ KNIT

9

**CORE LINE**

TASK SPECIFIC

16

LEATHER

21

HIGH HEAT, WELDING

24

COLD CONDITION

25

KNIT

26

**KONG®**

HEAVY DUTY

30

CUT RESISTANT

32

360° CUT RESISTANT

34

WATERPROOF

36

CHEMICAL / SUB-ZERO

37

MAXIMUM GRIP

38

**TACTICAL**

COMMAND™ TACTICAL **NEW**

44

PRO, GRIP, IMPACT, SPECIALTY

47

LAW ENFORCEMENT

50

REALTREE® LINE

51

POINT OF PURCHASE DISPLAYS

52

**GLOVE RATINGS AND SIZING GUIDE**

55





# INFUSED TOUCHSCREEN DOESN'T WEAR OUT

As the leader in performance work glove technology, Ironclad engineers and manufactures its gloves with cutting-edge materials. The Command Series™ Touchscreen gloves are the latest Ironclad innovation. Incorporating nanoparticle technology, our Command Series™ gloves are infused with highly conductive carbon ions. The result is a fabric composite with an electrical conductivity even greater than your own finger.

What are nanoparticles, carbon ions, and why do they make the new Command Series™ touchscreen gloves the best in class? Unlike a conductive palm coating, which conducts poorly and can easily wear off, we have developed a specialized ion-infused microfiber matrix which will last the lifetime of the glove.

The modern workplace is a changing landscape with the influx of tablets, data entry terminals and smartphones; the Command Series™ glove line meets these challenges, and then exceeds them with the Ironclad stamp of quality, durability and flawless fit.



UTILITY BLACK



PRO BLACK



GRIP BLACK



IMPACT BLACK



UTILITY BROWN



PRO BROWN



GRIP BROWN



IMPACT BROWN



UTILITY ORANGE



UTILITY YELLOW



PRO HI-VIZ



IMPACT HI-VIZ



PRO WATER  
RESISTANT



PRO REINFORCED



PRO WINTER



PRO LEATHER  
WHITE



PRO LEATHER  
GOLD



IMPACT LEATHER



FOAM NITRILE  
A0



POLYURETHANE  
A0



FOAM NITRILE  
A2



POLYURETHANE  
A2



HI-VIZ POLY  
A2



FOAM NITRILE  
A3



FOAM NITRILE  
A3 (KV)



FOAM NITRILE  
A4



POLYURETHANE  
A4



FLAT NITRILE  
A4



FOAM NITRILE  
A5 (KV)



FOAM NITRILE  
A6







## UTILITY ORANGE

### IEX-HSO



- Reflective back of hand print
- TOUCHSCREEN Conductive palm & fingers
- Terry cloth sweat wipe
- Slip fit cuff

SIZES: S-XXL

## UTILITY YELLOW

### IEX-HSY



- Reflective back of hand print
- TOUCHSCREEN Conductive palm & fingers
- Terry cloth sweat wipe
- Slip fit cuff

SIZES: S-XXL



EN 388 2016 2121 Category 2

ANSI 105 CUT A2 ABR 3  
635g



EN 388 2016 2121 Category 2

ANSI 105 CUT A2 ABR 3  
635g

## PRO HI-VIZ

### IEX-HVP



- Reflective knuckle print
- Neoprene padded knuckle
- TOUCHSCREEN Conductive palm & index finger
- Terry cloth sweat wipe
- TPR hook & loop closure

SIZES: S-XXL

## IMPACT HI-VIZ

### IEX-HZI



- Full back of hand TPR protection
- Reflective flex panel
- TOUCHSCREEN Conductive palm & fingers
- Terry cloth sweat wipe
- TPR hook & loop closure
- Impact absorbing palm pads

SIZES: S-XXL



EN 388 2016 2121 Category 2

ANSI 105 CUT A2 ABR 3  
635g



EN 388 2016 2121 Category 2

ANSI 105 CUT A2 ABR 3  
635g



### PRO WR IEX-MWR



- WR treated palm
- Neoprene padded knuckle
- TOUCHSCREEN Conductive palm & fingers
- Terry cloth sweat wipe
- TPR hook & loop closure

SIZES: S-XXL

### PRO REINFORCED IEX-MPRE



- Reinforced, padded palm
- Neoprene padded knuckle
- TOUCHSCREEN Conductive palm & fingers
- Terry cloth sweat wipe
- TPR hook & loop closure

SIZES: S-XXL



EN 388 2016 2121 Category 2

ANSI 105 CUT A2 ABR 3 635g



EN 388 2016 2121 Category 2

ANSI 105 CUT A2 ABR 3 635g

### PRO WINTER BLACK IEX-NMTW



- Full insulated neoprene construction
- Reflective accents
- TOUCHSCREEN Conductive palm & index finger
- WR coated palm
- TPR hook & loop closure
- Knuckle TPR protection

SIZES: S-XXL



EN 388 2016 2121 Category 2

ANSI 105 CUT A2 ABR 3 635g





## PRO LEATHER WHITE

### IEX-MPLW



- Genuine goatskin leather palm
- TOUCHSCREEN Conductive index finger
- Neoprene padded knuckle
- Terry cloth sweat wipe
- TPR hook & loop closure

SIZES: S-XXL



EN 388  
2016



ANSI 105



222g

## PRO LEATHER

### IEX-MPLG



- Genuine goatskin leather palm
- TOUCHSCREEN Conductive index finger
- Neoprene padded knuckle
- Terry cloth sweat wipe
- TPR hook & loop closure

SIZES: S-XXL



EN 388  
2016



ANSI 105



222g

## IMPACT LEATHER

### IEX-MIGL



- Full back of hand TPR protection
- TOUCHSCREEN Conductive index finger
- Genuine goatskin leather palm
- Ventilated back of hand flex panel
- Terry cloth sweat wipe
- Leather overlays

SIZES: S-XXL



EN 388  
2016



ANSI 105



222g



### **FOAM NITRILE** *KCC1FN*



- Foam nitrile palm coating
- TOUCHSCREEN Conductive palm
- Color-coded nitrile reinforced saddle
- 18 gauge nylon/spandex shell

**SIZES: XS-XXL**



### **POLYURETHANE** *KCC1PU*

- PU palm coating
- TOUCHSCREEN Conductive palm
- Color-coded nitrile reinforced saddle
- 18 gauge nylon/spandex shell

**SIZES: XS-XXL**



EN 388 2016  
4121X  
CE Category 2

ANSI 105  
CUT A0  
ABR 3



EN 388 2016  
2010X  
CE Category 2

ANSI 105  
CUT A0  
ABR 3



### **FOAM NITRILE** *KCC2FN*



- Cut resistant A2
- 3/4 foam nitrile coating
- TOUCHSCREEN Conductive palm
- Color-coded nitrile reinforced saddle
- 18 gauge HPPE shell

**SIZES: XS-XXL**



### **POLYURETHANE** *KCC2PU*

- Cut resistant A2
- Polyurethane palm coating
- TOUCHSCREEN Conductive palm
- Color-coded nitrile reinforced saddle
- 18 gauge HPPE shell

**SIZES: XS-XXL**



EN 388 2016  
4242B  
CE Category 2

ANSI 105  
CUT A2  
ABR 4



EN 388 2016  
3442B  
CE Category 2

ANSI 105  
CUT A2  
ABR 4





COMMAND

# COMMAND™ KNIT



## FOAM NITRILE KKC4FN



- Cut resistant A4
- Foam nitrile palm coating
- TOUCHSCREEN Conductive palm
- Color-coded nitrile reinforced saddle
- 15 gauge HPPE/steel shell

SIZES: XS-XXL



EN 388  
2016  
4443E  
Category 2

CE

ANSI 105

CUT A4

ABR 4



## POLYURETHANE KKC4PU

- Cut resistant A4
- Polyurethane palm coating
- TOUCHSCREEN Conductive palm
- Color-coded nitrile reinforced saddle
- 15 gauge HPPE/steel shell

SIZES: XS-XXL



EN 388  
2016  
4543C  
Category 2

CE

ANSI 105

CUT A4

ABR 5



## FLAT NITRILE KKC4N

- Cut resistant A4
- Smooth nitrile palm coating
- TOUCHSCREEN Conductive palm
- 15 gauge HPPE/steel shell

SIZES: XS-XXL



EN 388  
2016  
4544D  
Category 2

CE

ANSI 105

CUT A4

ABR 4



## FOAM NITRILE

**KKC5KV** DuPont™  
**Kevlar®**



- Cut resistant A5
- Foam nitrile palm coating
- TOUCHSCREEN Conductive palm
- Color-coded nitrile reinforced saddle
- 13 gauge DuPont™ Kevlar® shell

**SIZES: XS-XXL**



EN 388  
2016



ANSI 105



## FOAM NITRILE

**KKC6FN**



- Cut resistant A6
- Foam nitrile palm coating
- TOUCHSCREEN Conductive palm
- Color-coded nitrile reinforced saddle
- 13 gauge HPPE/steel shell

**SIZES: XS-XXL**



EN 388  
2016



ANSI 105





**IRONCLAD**

Ironclad  
15

Do not touch the  
metal parts of the  
tool. The metal parts  
are very hot. Do not  
touch the metal parts  
of the tool.



# HIGH PERFORMANCE TASK SPECIFIC

Ironclad was founded on a construction site in 1998 by Ed Jaeger. Ed noticed that while every specialist utilized dedicated, task-specific tools, no one had addressed the special connection between tool and worker. With an extensive background in motorsports, Ed came from a world where glove performance, fit and comfort were vital. It was at that moment that Ed saw his mission; to create gloves that were both protective and driven by performance, without sacrificing either. Thus was born a new glove technology that incorporated military-grade fabrics with an unrivaled fit and comfort that would raise the industry to new standards.

With 27 patents worldwide and more pending, Ironclad Performance Wear continues to grow and innovate; bringing new technologies to the everyday heroes, the unheralded men and women whom we depend on every single day. It's a brand we are proud of, and it's a brand that gets the job done.



**GENERAL UTILITY™****GUG**

- No.1 selling Ironclad glove
- Breathable nylon back of hand
- Reinforced microsuede palm
- Knuckle Impact TPR
- Terry cloth thumb sweat wipe
- Hybrid safety cuff
- US Patent D514,771

**SIZES: XS-XXL****HEAVY UTILITY™****HUG**

- Excellent durability and grip
- Breathable nylon back of hand
- Duraclad® reinforced palm
- Knuckle impact TPR
- Terry cloth thumb sweat wipe
- Hybrid safety cuff

**SIZES: S-XXL**

EN 388 2003 2132  
CE Category 2

ANSI 105 CUT A2 ABR 3



EN 388 2003 4132  
CE Category 2

ANSI 105 CUT A2 ABR 4

**BOX HANDLER®****BHG**

- 300% increase in grip
- Breathable nylon back of hand
- Silicone printed microsuede palm
- Terry cloth thumb sweat wipe
- Neoprene knuckle
- Hybrid safety cuff

**SIZES: S-XXL****FRAMER™****FUG**

- Thumb, index & middle fingers exposed
- Breathable nylon back of hand
- Duraclad® reinforced palm
- Knuckle impact TPR
- Terry cloth thumb sweat wipe
- Hybrid safety cuff

**SIZES: S-XXL**

EN 388 2003 3131  
CE Category 2

ANSI 105 CUT A1 ABR 4



EN 388 2003 2131  
CE Category 2

ANSI 105 CUT A1 ABR 4







CORE LINE



TASK SPECIFIC



**MACH-5®**

*MFG2*

- Fingerless design for dexterity
- Microsuede padded palm
- TPR knuckle impact protection
- Neoprene slip fit cuff
- US Patent D514,771

*SIZES: S-XXL*



EN  
388  
2003



2232



Category 2



**MACH-5® VIBRATION IMPACT**

*MF12*

- Patented palm impact protection
- Anti-vibration padded palm
- Reduces vibration nerve damage
- Fingerless design for dexterity
- Hybrid safety cuff
- Neoprene protective knuckle
- US Patent D536,837

*SIZES: S-XXL*





**TUFF CHIX™**



**CORE LINE**

**TUFF CHIX™**

*TCX*

- Patented seamless Rolltop® fingertips
- Breathable nylon back of hand
- Microsuede padded palm
- Terry cloth sweat wipe
- Fingernail reinforcements
- Sized for a woman's hand
- US Patent D514,771
- US Patent 7,287,285

*WOMEN SIZES: 5-XL*



**TUFF CHIX™ FLEECE**

*SMTC*

- Rated to 40°F/ 4°C
- Three-layer windproof fleece
- Thumb nail guard
- Palm reinforcements for grip
- Sized for a woman's hand
- US Patent D514,771

*WOMEN SIZES: XS-XL*





CORE LINE



LEATHER



**RANCHWORK®**

*RWG2*

- Premium washable goatskin leather
- Patented Rolltop® seamless fingertips
- Knuckle and finger TPR impact protection
- Terry cloth thumb sweat wipe
- Slip fit cuff
- US Patent 7,287,285
- US Patent D524,771

*SIZES: S-XXXL*



**COWBOY®**

*RWC2*

- Premium washable goatskin leather
- Leather and TPR knuckle impact protection
- Terry cloth thumb sweat wipe
- Neoprene slip fit cuff

*SIZES: S-XXL*



**360° CUT GOAT LEATHER  
IMPACT**

*ILD-IMP C5*

- 360 degree cut resistant liner
- Goat leather construction
- Full impact TPR protection
- Aramid heat resistant stitching

*SIZES: S-XXXL*





LEATHER



CORE LINE

**WORKHORSE**

*IEX-WHO*

- Genuine leather construction
- Grain cowhide leather palm
- Slip fit cuff

*SIZES: XS-XXXL*



EN 388 2016



CE Category 2

ANSI 105



227g

**INSULATED CUT**

*IEX-HVIP5*

- 150g of insulation
- Cut level A6 protection
- Genuine pigskin leather palm
- TPR Impact protection on knuckles and fingers
- Reflective back of hand accent

*SIZES: S-XXL*



EN 388 2003



CE Category 2

ANSI 105









**Knit Cut 3**

*IKC3*

- 13 gauge cut-resistant HPPE knit
- Polyurethane coated palm for high abrasion resistance

SIZES: XS-XXL



**KNIT CUT 3 - SAFETY YELLOW**

*IKC3-HSY*

- 13 gauge cut-resistant HPPE knit
- Polyurethane coated palm for high abrasion resistance
- Hi-viz yellow color

SIZES: S-XXL



**KNIT CUT 5**

*IKC5-BAS*

- 13 gauge cut-resistant HPPE knit
- Polyurethane coated palm for high abrasion resistance

SIZES: S-XXXL





**KONG**  
11 IN. OIL AND GAS  
CORDO PALM WP  
L19

# **KONG<sup>®</sup>**

# **KING OF OIL & GAS<sup>®</sup>**

In 2008 the Oil & Gas Safety Committee, represented by ExxonMobil, ConocoPhillips, Halliburton and other industry leaders, put out a call to action to the industrial safety market asking them to solve their industry's biggest problem: hand safety. Eye, head, and foot safety had been addressed, but hand injuries still represented more than 70% of all jobsite injuries. These injuries not only caused serious harm to their employees, but they also cost significant amounts of money and lost productivity. Ironclad Performance Wear and the Oil & Gas Safety Committee joined forces to solve this problem. The KONG<sup>®</sup> glove line is the result of that collaboration. At Ironclad we are constantly stationed on oil platforms, getting feedback from front line workers, to make sure that we solve real world problems. We began with the KONG<sup>®</sup> Original, and now have a complete line of over twenty patented glove models, each engineered to address the needs of oilfield workers worldwide. Today, more than 3 million hands have been protected with KONG<sup>®</sup> gloves.



















KONG



# CHEMICAL / SUB-ZERO

## INDUSTRIAL IMPACT: MONSTER MUD ORIGINAL

*MMUD-OGG*



- Chemical resistant nitrile coated shell
- Complete back of hand impact protection
- Speckle finished palm for grip
- Cotton liner
- Extended nitrile coated cuff
- 100% waterproof

*SIZES: S-XXXL*



EN  
388  
2003



CE  
Category 2

## INDUSTRIAL IMPACT: ARCTIC TRIGGER MITT

*INBI-ATM*



- Rated to -20°F/ -29°C
- Infrared reflective lining
- Removable 220g lining
- Silicone back of hand impact protector.
- Reflective fluorescent yellow patch
- Silicone printed grip palm
- Water and Oil repellent construction
- US Patent D771, 901

*SIZES: S-XXL*



EN  
388  
2003

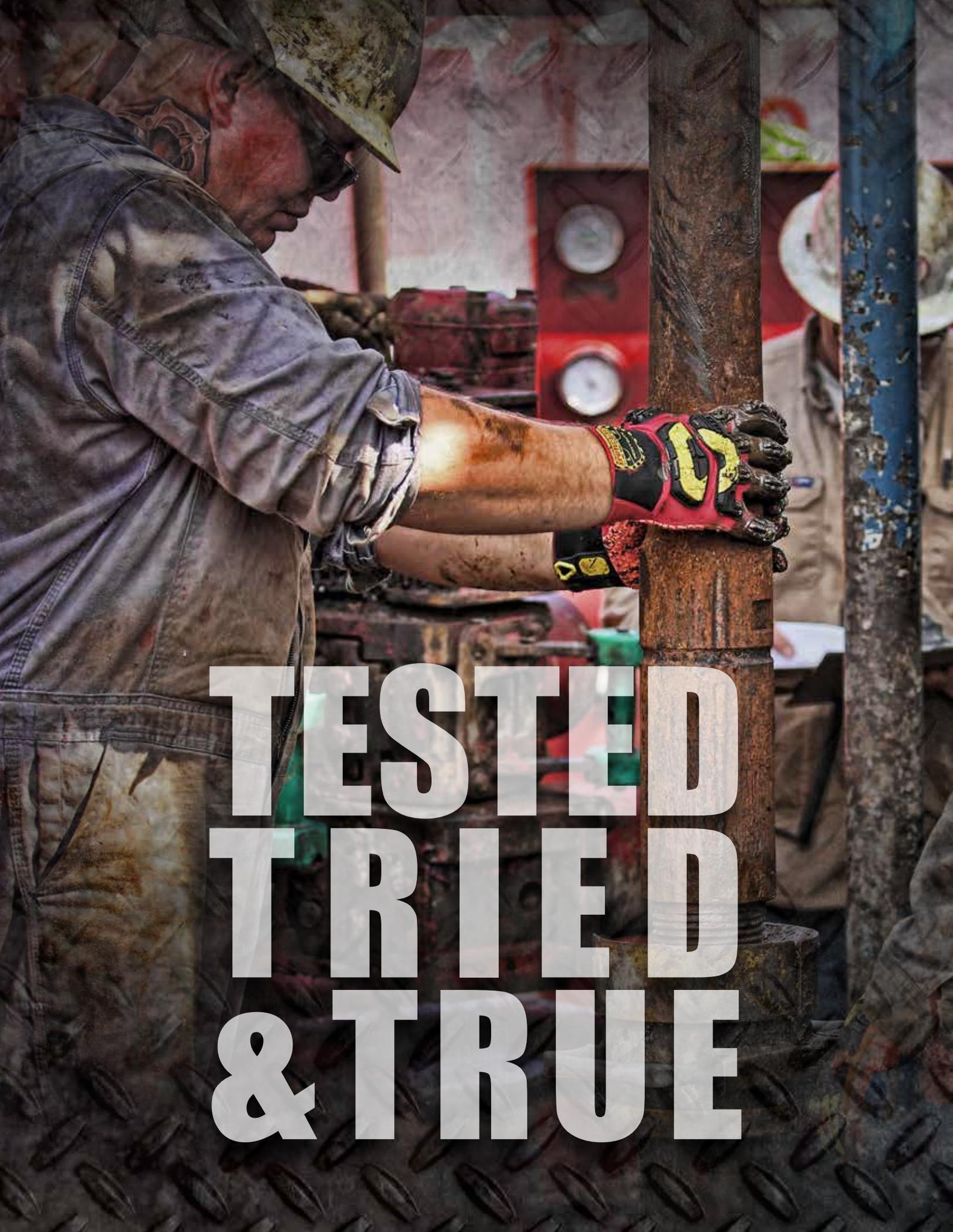


CE  
Category 2

ANSI  
105







**TESTED  
TRIED  
& TRUE**

# PEAK IMPACT FORCE TO CAUSE BONE FRACTURE



**FINGERS 50LBS**

**KNUCKLES 100LBS**

**METACARPALS 75LBS**

# THE *Ironclad* PERFORMANCE WEAR IMPACT SHIELD

Multiplication Factor:  
The additional protection provided by the glove, compared to the bare hand



Peak impact force required to cause a fracture when wearing the gloves

Peak impact force required to cause a fracture when not wearing the gloves

## **KONG**

**ORIGINAL IMPACT PROTECTION**

**375LBS METACARPALS 500LBS**

---

**500LBS KNUCKLES 1000LBS**

---

**150LBS FINGERS 150LBS**

## **KONG**

**INDUSTRIAL IMPACT PROTECTION**

“In 2010 Ironclad sponsored an impact study with University of Wisconsin to develop a reliable, repeatable glove impact test and a rating system”



TAA compliance certifies that a product has been manufactured either in the United States of America or in one of the countries specified in the Trade Agreement Act (TAA) and is a requirement for government and military procurement. By buying TAA compliant product, you are helping foster fair international trade practices and are purchasing goods with the same standard that is used by government procurement specialists.

The logo for Ironclad Tactical. It features the word "ironclad" in a stylized, lowercase font with a yellow "i" and a white outline, set within a dark, rounded rectangular shape. Below this, the word "TACTICAL" is written in a bold, uppercase, sans-serif font with a white outline.

**ironclad**  
**TACTICAL**

# TAC OPS HUNT EDC

Be it a weekend warrior or combat deployment, Ironclad's Tactical Series gloves are designed and built for the harshest terrains on the planet. Made from innovative materials that wick sweat and maintain ultimate grip and dexterity where you need it, Ironclad's Tactical series brings durability to an unforgiving landscape. With features like ballistic stretch nylon, silicone grip palm-patterns, flexible TPR impact protection, and permanent touchscreen fabric throughout our Command Series™ glove line, Ironclad Tactical gloves are the apex predator in any jungle. Ironclad focuses on maximum performance, comfort and durability.

Our Command Series™ Tactical gloves are TAA Compliant, which certifies that these products are manufactured to meet multiple U.S. Government and military requirements. So whether it's law enforcement, military or civilian challenges, Ironclad's Tactical Series is ready to serve.









## SPECIALTY IMPACT



- TOUCHSCREEN Conductive palm and fingers
- Back of hand TPR impact protection
- Terry cloth sweat wipe
- Mesh vented flex panel
- TPR hook and loop closure
- Gel padded palm reinforcement
- TAA compliant manufacturing



**TACTICAL GRIP IMPACT BLACK**  
*IEXT-GIBLK*



SIZES: S-XXL



**TACTICAL IMPACT FINGERLESS BLACK**  
*IEXT-FIBLK*



SIZES: S-XXL



**TACTICAL IMPACT TRIGGER BLACK**  
*IEXT-FRIBLK*



SIZES: XS-XXXXL



















# COMMON GLOVE RATINGS

## QUICK REFERENCE GUIDE

## RATINGS

LARGER NUMBER = MORE RESISTANCE



### ABRASION RESISTANCE:

"The ability to withstand rubbing abuse from rough surfaces" Generally the best indicator of how long a glove lasts, durability. Protection against rebar, concrete block, rough surfaces, etc.



### CUT RESISTANCE:

"The ability to protect the wearer from being cut by sharp objects" Protection against metal shards, knives, razor blades, etc.



### TEAR RESISTANCE:

"The ability to stay intact once a puncture has occurred" protection against snags.



### PUNCTURE RESISTANCE:

"The ability to resist penetration of pointy objects" Protection against nails, thorns, splinters, etc.

CE: EN 388 "Global"	ANSI 105 "USA"
1-4	1-4
1-5 A-F	A1-A9
1-4	NONE
1-4	1-5







**Ironclad®**

