

'22 GLOVES



i TACTICAL



Since 1998, Ironclad Performance Wear has been the premier brand in task specific work gloves. Born on the job site, our gloves were the first to emphasize performance in hand PPE by using a new approach in design and construction. This revolutionary approach to work gloves, using premium grade fabrics and a comprehensive fit system, resulted in gloves that are equally protective, durable and comfortable without compromise or equal.

Countless protected countless hands over the years, and our ongoing research and development means that Ironclad's work glove expertise is rivaled only by our expansive range of gloves which now protect a vast range of hands all over the globe. From DIY applications, to highly demanding heavy industrial applications, Ironclad's top priority is hand safety.

Whether you are a serviceman, first responder or civilian, Ironclad tactical gloves are designed and built for mission critical tasks in harsh environments. Made from innovative materials that help maintain ultimate grip, dexterity and protection when you need it most, these tactical gloves mitigate environmental variables to ensure your hands are ready for action in any situation.

The Command Series™ Tactical gloves are touchscreen device capable and certified TAA Compliant for U.S. Government and military requirements.



TECHNOLOGY

- 4 | Testing & Standards
- 5 | Ironclad Performance Testing
- 6 | Command™ Touchscreen
- 7 | Choosing the Right Glove

TACTICAL GLOVES

- 8 | iTactical
- 12 | EXO® Tactical

REFERENCE

- 16 | Size & Care
- 18 | Additional Resources





TESTING & STANDARDS

There are many testing standards that apply to Ironclad work gloves. Below we highlight the three most common standards: EN 388, ANSI 105 and ANSI 138. For each of our gloves that have been tested, the test results will be shown using the standard symbols for each governing body.

EN:388

EN388:2016

Category 2

TEST	POSSIBLE OUTCOMES
Abrasion	1-4
Coup Cut	1-5, X
Tear	1-4
Puncture	1-4
TDM Cut	A-F
Impact	Pass/Fail

ANSI 105

ANSI 105 ANSI 105 ANSI 105

4246g

CUT LEVEL	MINIMUM TDM FORCE
A1	200 grams
A2	500 grams
A3	1000 grams
A4	1500 grams
A5	2200 grams
A6	3000 grams
A7	4000 grams
A8	5000 grams
A9	6000 grams

ANSI 138

ANSI / ISEA 138

TEST	POSSIBLE OUTCOMES
Impact	1-3



IRONCLAD PERFORMANCE TESTING

Being on the cutting edge of glove innovation means venturing into uncharted territories. When it comes to evaluating performance, we go above and beyond traditional testing – we partner with scientists, leaders and experts in fields ranging from biomechanics to high tech outdoor gear, and create new ways analyze, evaluate and test performance features of our work gloves. Below we highlight two test methodologies developed exclusively by Ironclad Performance Wear.

IMPACT TESTING

In 2010, Ironclad collaborated with the University of Wisconsin - Milwaukee to study impact force reduction, impact testing methods, and the force levels required to break human hand bones. This Ironclad-exclusive test evaluates impact forces across the fingers & thumb, across the knuckles, and at the metacarpal bones (back of hand). Impact forces while wearing a glove are compared to impact forces while not wearing a glove, providing an easy to understand 'Protection Factor' at each location on the hand. The symbol and how to read it are shown below.

PEAK IMPACT PROTECTION

3X	150:50
10X	1000:100
6X	500:75

Multiplication Factor - The additional impact protection provided by the glove

Peak Impact Force - Required to cause a fracture when wearing gloves

Peak Impact Force - Required to cause a fracture when not wearing gloves

GRIP TESTING

Ironclad partnered with the design team at Vibram US to develop a method to reliably and accurately measure the 'Grip Performance' provided by a pair of gloves. Each Ironclad glove is tested to a modified version of international test standards ISO 13287 and ASTM F2913. We test each glove palm for grip on smooth metal, wet, and oily surfaces. Each glove is evaluated and given a grip rating for each surface, giving you added confidence when choosing gloves for all environments.

GRIP RATING

DRY ★★★★★

WET ★★★

OILY ★



CHOOSING THE RIGHT GLOVE

There are many hazards on a jobsite, so you must consider additional factors when deciding on the right hand protection. Below is a list of important glove features to consider when making that decision. Be sure to analyze ALL hazards, environmental factors, and human interface requirements at each jobsite and workplace. These include:

Grip - a critical factor for all tasks, the right grip will help prevent objects from slipping & slicing hands, and significantly reduce hand fatigue.

Touchscreen - with the proliferation of paperless workplaces and mobile devices, workers must be able to use touchscreen devices without removing their gloves.

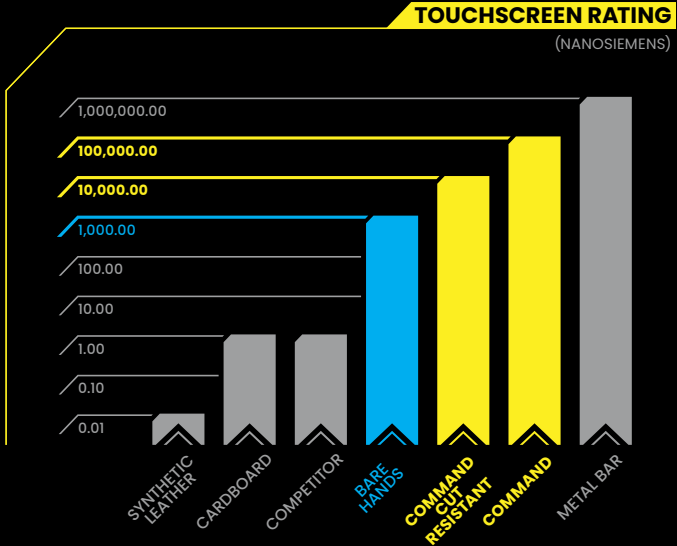
Impact - In extreme conditions, impact hazards are everywhere. TPR back of hand impact protection greatly reduces your risk of injury.

Abrasion Resistance - working in highly abrasive environments can dramatically weaken gloves. With our background in work gloves, our tactical gloves are built to last.

TOUCHSCREEN. REDEFINED FOREVER.

By fusing conductive nanoparticles into the fibers of our synthetic leather, we are able to ensure that not only is conductivity present throughout the entirety of the material, but also that the material stays conductive throughout its lifespan. Our touchscreen won't wear out or wash off like typical touchscreen work gloves.

We put our conductivity to the test as shown in the chart to the right. The blue line is the threshold for what we considered to be conductive (material that is at least as conductive as a bare hand). It is immediately noticeable that the Command™ gloves not only perform exponentially better than the competition, but they are also significantly more conductive than the human hand itself.





itactical



COMMAND™ TACTICAL GRIP IMPACT

IEXT-GIBLK S - 2XL

- ▶ Silicone Infused Command™ Touchscreen Synthetic Suede Palm
- ▶ Breathable Polyester Knit Back of Hand
- ▶ TPR Impact Protection with Trigger Finger Relief
- ▶ Airmesh Ventilated Flex Panel
- ▶ Terry Cloth Sweat Wipe



GRIP RATING	
DRY	★★★★★
WET	★★★★
OILY	★★★



COMMAND™ TACTICAL IMPACT

IEXT-IBLK S - 2XL | BLK: XS - 4XL

- ▶ Breathable Polyester Knit Back of Hand
- ▶ TPR Impact Protection with Trigger Finger Relief
- ▶ Airmesh Ventilated Flex Panel
- ▶ Terry Cloth Sweat Wipe



IEXT-ICOY IEXT-IBLK



GRIP RATING	
DRY	★★★★★
WET	★★★★
OILY	★★★



TACTICAL IMPACT TRIGGER



IEXT-FRIBLK

XS - 4XL

- ▶ Reinforced Synthetic Suede Palm
- ▶ Breathable Polyester Knit Back of Hand
- ▶ TPR Impact Protection with Trigger Finger Relief
- ▶ Exposed 3-Finger Design
- ▶ Terry Cloth Sweat Wipe

TACTICAL IMPACT FINGERLESS



IEXT-FIBLK

S - 2XL

- ▶ Reinforced Synthetic Suede Palm
- ▶ Breathable Polyester Knit Back of Hand
- ▶ TPR Impact Protection with Trigger Finger Relief
- ▶ Exposed Finger Design
- ▶ Terry Cloth Sweat Wipe



COMMAND™ TACTICAL GRIP



IEXT-GBLK

M: S - 2XL | W: S - L

- ▶ Silicone Infused Command™ Touchscreen Synthetic Suede Palm
- ▶ Breathable Polyester Knit Back of Hand
- ▶ Neoprene Knuckle Impact Protection
- ▶ Terry Cloth Sweat Wipe

COMMAND™ TACTICAL PRO



IEXT-PBLK

M: S - 2XL | W: S - L

- ▶ Command™ Touchscreen Synthetic Suede Palm
- ▶ Breathable Polyester Knit Back of Hand
- ▶ Neoprene Knuckle Impact Protection
- ▶ Terry Cloth Sweat Wipe



GRIP RATING	
DRY	★★★★
WET	★★★★
OILY	★★★



GRIP RATING	
DRY	★★★★
WET	★★★★
OILY	★★★★



IEXT-GCOY IEXT-GODG



GRIP RATING	
DRY	★★★★
WET	★★★
OILY	★★



IEXT-PCOY IEXT-PODG



GRIP RATING	
DRY	★★★★
WET	★★★
OILY	★★★★



EXO™ OPERATOR GRIP IMPACT

EXOT-GIBLK

S - 2XL

- ▶ Silicone Infused Synthetic Suede Palm
- ▶ Breathable Polyester Knit Back of Hand
- ▶ TPR Impact Protection with Trigger Finger Relief
- ▶ Thumb Saddle Reinforcement
- ▶ Terry Cloth Sweat Wipe



EXO™ OPERATOR IMPACT

EXOT-IBLK

S - 2XL

- ▶ Synthetic Suede Palm
- ▶ Breathable Polyester Knit Back of Hand
- ▶ TPR Impact Protection with Trigger Finger Relief
- ▶ Thumb Saddle Reinforcement
- ▶ Terry Cloth Sweat Wipe



EXOT-ICOY EXOT-IODG



EXO™ OPERATOR GRIP



EXOT-GBLK M: S - 2XL | W: S - L

- ▶ Synthetic Suede Palm
- ▶ Breathable Polyester Knit Back of Hand
- ▶ Neoprene Knuckle Impact Protection
- ▶ Thumb Saddle Reinforcement
- ▶ Terry Cloth Sweat Wipe



EXOT-GCOY EXOT-GODG

EXO™ OPERATOR PRO



EXOT-PBLK M: S - 2XL | W: S - L

- ▶ Silicone Infused Synthetic Suede Palm
- ▶ Breathable Polyester Knit Back of Hand
- ▶ Neoprene Knuckle Impact Protection
- ▶ Thumb Saddle Reinforcement
- ▶ Terry Cloth Sweat Wipe



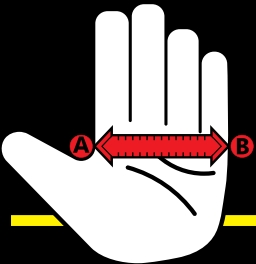
EXOT-PCOY EXOT-PODG



GLOVE SIZING

MEN'S	PALM WIDTH (A-B)	WOMEN'S	PALM WIDTH
XXS (5)	▶ 2 1/8 in or less (5.4cm or less)	XS (6)	▶ 2 1/8 in or less (5.4cm or less)
XS (6)	▶ 2 1/8 - 2 1/2 in (5.4-6.6cm)	S (7)	▶ 2 1/8 - 2 3/4 in (5.4-7.0cm)
S (7)	▶ 2 1/2 - 3 in (6.6-7.6cm)	M (8)	▶ 2 3/4 - 3 1/8 in (7.0-7.9cm)
M (8)	▶ 3 - 3 3/8 in (7.6-8.7cm)	L (9)	▶ 3 1/8 in or more (7.9cm or more)
L (9)	▶ 3 3/8 - 3 7/8 in (8.7-9.8cm)		
XL (10)	▶ 3 7/8 - 4 3/8 in (9.8-11.1cm)		
XXL (11)	▶ 4 3/8 - 4 3/4 in (11.1-12.1cm)		
XXXL (12)	▶ 4 3/4 - 5 1/4 in (12.1-13.3cm)		

USE A RULER
TO MEASURE
YOUR HAND
A to B



IF BETWEEN SIZES - SIZE DOWN FOR A SNUG FIT



PROPRIETARY FLAWLESS FIT SYSTEM

When it comes to fit, most glove companies stop at 2 measurements per glove – overall length and width. Not Ironclad. Our industry leading Flawless Fit is a proprietary 16-point measurement system that is unique to every one of our glove styles. So what do we measure? Inside index finger length, top of cuff circumference, knuckle circumference, center of palm length, just for starters. 16 measurements left glove, 16 measurements right glove. That's 32 measurements per pair, per size. All with a tolerance measured at 1/10 of an inch. Why do we do it? Because it means our gloves will fit like no other glove on the market. That is the Ironclad Flawless Fit. That is Ironclad.

FOR EXTENDED DURABILITY

- ✓ MACHINE WASH COLD
- ✓ LINE DRY
- ✓ DO NOT BLEACH
- ✓ DO NOT IRON

INSTRUCTIONS MAY VARY BY STYLE
SEE ORIGINAL PRODUCT PACKAGING

GLOVE CARE INSTRUCTIONS

Most of our products are machine washable. Please note that the washing and care instructions are indicated on the care label inside the glove and may vary by style. For extended durability and comfort, machine wash and hang dry your Ironclad gloves on a regular basis. Machine wash on cool. DO NOT use bleach, machine dry, or use an iron on your Ironclad gloves. Air drying is recommended in order to keep the size consistent with its original form from time of purchase.

ADDITIONAL RESOURCES

Want to know more about our technologies and how they work? Don't understand what makes one glove more fit for a task than another? Head on over to our website and browse our ever growing library of resources. From what makes some gloves fit better than others to the science of cut resistance, each resource is designed to help you understand everything there is to know about work gloves.





JOIN THE CONVERSATION

SAY HI! We are always amazed to hear the diverse Ironclad glove stories from around the globe.

Tag your photos with **#IAMIRONCLAD** to share your Ironclad Story.



ironcladtactical



ironclad_gloves



ironclad-performance-wear



ironcladperformancewear



IroncladPerformance





IRONCLAD.COM

3325 Roy Orr Blvd, STE 200
Grand Prairie, TX 75075
Phone: 972-996-5664
Toll Free: 844-200-5664
customerservice@ironclad.com

©2021 Ironclad Performance Wear, a BBI Company