

Mechanics & Impact-Resistant Gloves

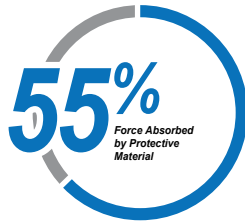


TPR | Impact | All Purpose

Impact Resistant Standards

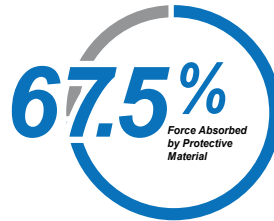
ANSI/ISEA 138-2019

This standard is used to evaluate the protection and the resistance of the gloves for impact sets requirements of gloves designed to protect the knuckles and fingers of direct impact to the hand from external objects. The impact resistance is classified in levels 1, 2, and 3, where level 1 equals the lowest level of impact resistance and level 3 equals the highest level of performance.



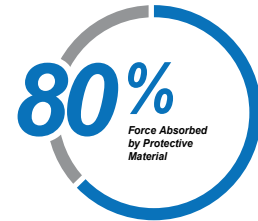
LOW
Performance

Mean (kN) ≤ 4 / All Impact (kN) ≤ 5



MEDIUM
Performance

Mean (kN) ≤ 6.5 / All Impact (kN) ≤ 8.1



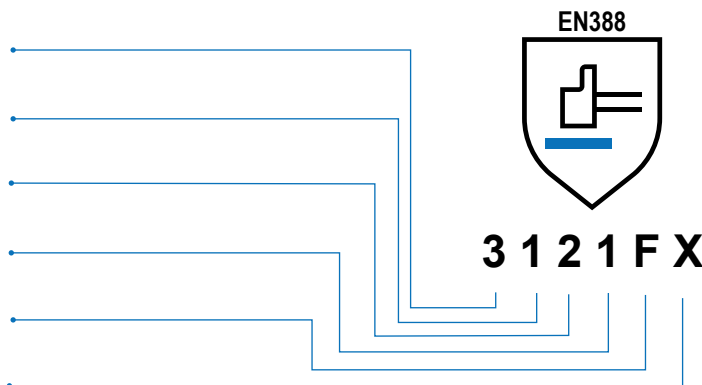
HIGH
Performance

Mean (kN) ≤ 9 / All Impact (kN) ≤ 11

EN388 Regulatory Standard

This standard is used to evaluate mechanical risks for hand protection, but more than that, to be legally sold in Europe, a glove has to be EN 388 certified. Gloves with an EN 388 rating must be third-party tested and can be rated for abrasion, cut, tear and puncture resistance.

ABRASION	1-4
CUT	1-5
TEAR	1-4
PUNCTURE	1-4
ISO CUT TEST (TDM-100 Test)	A-F
IMPACT PROTECTION	P, F, X



ABRASION

The material is subjected to abrasion by sandpaper under a determined pressure.

CUT

The cut protection is tested. A knife is passed over the glove material until it cuts through.

TEAR

The force required to tear the glove material apart is measured.

PUNCTURE

Based on the amount of force required to puncture the material with a tip.

ISO CUT TEST

If the knife gets dull during the coup test, see point 2, this test shall be performed instead. The cut test is rated from A to F, with F being the highest level of cut resistance.

IMPACT PROTECTION

This is a new test to the EN 388:2016 standard and is optional. It should only be included for gloves that claim specific impact resistant properties. The rating will score a P(Pass), F(Fail), or X(Not Tested).



CE marking indicates that a product has been assessed by the manufacturer and deemed to meet EU safety, health and environmental protection requirements. It is required for products manufactured anywhere in the world that are then marketed in the EU.

Understanding Impact Resistant Levels

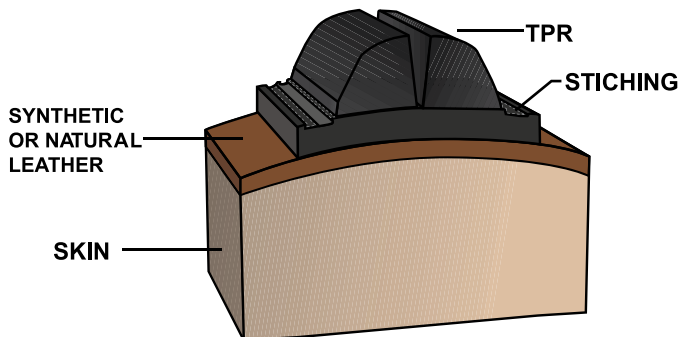
This type of gloves is generally used in places where the risk of having an accident in the hand is higher than normal and heavy-duty protection is required. There are 3 levels of impact resistance, the lowest level is 1 and the highest is 3, these gloves are mainly used in industrial areas such as Oil & Gas, mining, exploration, fishing, quarrying. To know what level will be the glove, these are subjected to a test in which they are thrown a mass of 2-5 or 5 kgs in the area of the TPR and is measured based on Mean Transmitted Force (MTF), the MTF is measured in kilonewtons (kN) which means that the lower the measurement in kilonewtons, the better the dispersion of the glove.

The Importance of Using Mechanics Gloves

According to different studies, the second most injured part is the hand, there are many ways to hurt the hand by punctures, but one of the most common causes according to the National Safety Council, is through some kind of blow by heavy machinery, and likewise being injuries that can cost between 400-25000\$, you should not only be aware of the work area in which you are, but you should also protect yourself as best as possible to avoid possible injuries in high-risk areas.

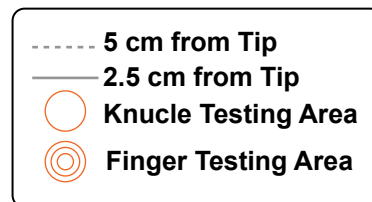
ANSI/ISEA 138-2019 Testing Process

The ANSI/ISEA 138-2015 is used to measure the gloves impact protection, starting from the knuckles to the fingers area. The middle and little fingers testing area is measured 5 cm from the fingertip. On the index, ring, and thumb fingers, the testing area is 2.5 cm from the fingertip.




TPR Layers


Our TPR gloves are designed to generate excellent impact protection, made of 3 layers and thick TPR that repels impact without damaging your hand, are made of 6 mm TPR, highly durable stitching, and made of 100% natural or high-quality synthetic leather.



Mechanics Gloves

GG400


 2 - Abrasion
 1 - Cut
 1 - Tear
 1 - Puncture
 X - ISO Cut Test
 2111X



 Touch Screen Compatible




Hanging Card Ref.	Size
GG400SC	S (7")
GG400MC	M (8")
GG400LC	L (9")
GG400XLC	XL (10")
GG400XXLC	XXL (11")

Mechanics Gloves

GG401


 2 - Abrasion
 1 - Cut
 1 - Tear
 1 - Puncture
 X - ISO Cut Test
 2111X



 Touch Screen Compatible




Hanging Card Ref.	Size
GG401SC	S (7")
GG401MC	M (8")
GG401LC	L (9")
GG401XLC	XL (10")
GG401XXLC	XXL (11")

Hi-Vis Mechanics Gloves

GG402


 2 - Abrasion
 1 - Cut
 3 - Tear
 1 - Puncture
 X - ISO Cut Test
 2131X


 Touch Screen Compatible



Hanging Card Ref.	Size
GG402SC	S (7")
GG402MC	M (8")
GG402LC	L (9")
GG402XLC	XL (10")
GG402XXLC	XXL (11")

Pro Mechanics Gloves

GG410



2 - Abrasion
2 - Cut
4 - Tear
1 - Puncture
X - ISO Cut Test



- Slip on cuff
- Shirred elastic secure fit
- Breathable spandex material



- Reinforced Fingers
- Touchscreen compatible
- Reinforced thumb crotch
- Reinforced palm
- Padded palm
- High Quality Synthetic Leather
- Pull strap



Hanging Card Ref.	Size
GG410SC	S (7")
GG410MC	M (8")
GG410LC	L (9")
GG410XLC	XL (10")
GG410XXLC	XXL (11")

Pro Mechanics Gloves

GG411



2 - Abrasion
2 - Cut
4 - Tear
1 - Puncture
X - ISO Cut Test



- ID Name Tag
- TPR velcro cuff
- Shirred elastic secure fit
- Breathable Spandex Material



- Reinforced fingers
- Touch Screen Compatible
- Reinforced Crotch Thumb
- Reinforced palm
- Padded palm
- High Quality Synthetic Leather
- Pull strap



Hanging Card Ref.	Size
GG411SC	S (7")
GG411MC	M (8")
GG411LC	L (9")
GG411XLC	XL (10")
GG411XXLC	XXL (11")

Pro Mechanics Leather Gloves

GG419



2 - Abrasion
2 - Cut
2 - Tear
1 - Puncture
X - ISO Cut Test



- Slip on cuff
- Shirred elastic secure fit
- Spandex material



- Reinforced fingers
- Touch screen compatible
- 100% Genuine Goat Leather
- Reinforced palm
- Pull strap



Hanging Card Ref.	Size
GG419SC	S (7")
GG419MC	M (8")
GG419LC	L (9")
GG419XLC	XL (10")
GG419XXLC	XXL (11")

Leather Impact Resistant Work Gloves

GG415

EN388 3 - Abrasion
1 - Cut
2 - Tear
1 - Puncture
X - ISO Cut Test

ANSI / ISEA 138 **1**

CE

3121X

Touch Screen Compatible

Hanging Card Ref.	Size
GG415SC	S (7")
GG415MC	M (8")
GG415LC	L (9")
GG415XLC	XL (10")
GG415XXLC	XXL (11")



Synthetic Leather Impact Resistant Gloves

GG416

EN388 3 - Abrasion
2 - Cut
2 - Tear
1 - Puncture
X - ISO Cut Test

ANSI / ISEA 138 **1**

CE

3121X

Touch Screen Compatible

Hanging Card Ref.	Size
GG416SC	S (7")
GG416MC	M (8")
GG416LC	L (9")
GG416XLC	XL (10")
GG416XXLC	XXL (11")



Hi-Vis Synthetic Leather Impact Resistant Gloves

GG417

EN388 3 - Abrasion
1 - Cut
2 - Tear
1 - Puncture
X - ISO Cut Test

ANSI / ISEA 138 **1**

CE

3121X

Touch Screen Compatible

Hanging Card Ref.	Size
GG417SC	S (7")
GG417MC	M (8")
GG417LC	L (9")
GG417XLC	XL (10")
GG417XXLC	XXL (11")



Hand Protection

Impact Mechanic Gloves

Impact Cut Resistant Driver Gloves

GG421



Hanging Card Ref.	Size
GG421SC	S (7")
GG421MC	M (8")
GG421LC	L (9")
GG421XLC	XL (10")
GG421XXLC	XXL (11")

Oil & Gas Impact Resistant Gloves

GG422



Hanging Card Ref.	Size
GG422SC	S (7")
GG422MC	M (8")
GG422LC	L (9")
GG422XLC	XL (10")
GG422XXLC	XXL (11")