

# CUT<sup>D</sup> LITE

C-8132



Next Generation Gloves



## THE BENCHMARK STANDARD FOR CUT LEVEL D GLOVES

You'll forget you're wearing heavy-duty safety gloves with the **NXG™** Cut D Lite. **NXG™** sets the benchmark in Level D cut resistance for durability and wearability on tough jobs. These super lightweight, ergonomically designed gloves with extra thumb and forefinger reinforcing can be used on touchscreens. All-round breathability and dexterity help you get the tough jobs done safely.



C-8136

C-8132-30

C-8132FY

### FEATURES

- + Super lightweight 18 gauge Cut Level D glove
- + Touchscreen compatible
- + Reinforced thumb and forefinger area
- + Excellent fit, dexterity and performance
- + 360° breathability
- + Durable and breathable nitrile coating
- + Oeko Tex 100 and dermatologically accredited

### PERFORMANCE STANDARDS

EN388:2016



4X42D

### CUT RESISTANCE RATING ACCORDING TO NEW EN388: 2016 STANDARD

	○	○	○	○	●	○	○
<b>CUT LEVEL</b>	X	A	B	C	D	E	F
<b>FORCE TO CUT</b>	≥ 15N (1529g) < 22N (2243g)						
<b>CUT RISK ASSESSMENT</b>	Medium/ High						

### TECHNOLOGIES



OEKO-TEX®  
CONFIDENCE IN TEXTILES  
**STANDARD 100**  
TESTED FOR HARMFUL SUBSTANCES

**PRODUCT DISCLAIMER:** Gloves that provide cut resistance are not cut-proof. The risk for these sorts of injuries will not be completely eliminated or prevented by the use of gloves. Cut resistant gloves are not intended to provide protection against powered rotated blades or equipment, serrated or other sharp or rotating equipment. It is the responsibility of companies and/ or glove users to perform their own testing to determine the suitability for a particular application or use within the environment the gloves are to be used. Safety Mate Pty Ltd may revise this information as new information, knowledge or experience becomes available. EN407 tests are performed on the palm part of gloves only.



# SafetyMate

# CUT RESISTANCE RATING ACCORDING TO NEW EN388:2016 STANDARD

## New EN388:2016 standard

Choosing the right safety gloves for your particular task is vital to ensure proper protection.

Throughout the world, safety gloves are rated using the European Standard, EN388, to determine their level of protection. The standard consists of a series of tests to assess fabric for its ability to withstand heavy rubbing, cutting by a blade or sharp object, tearing and puncture. The gloves are then rated based on the result.

The cut test used by the EN388 standard has been upgraded which will change the rating markings shown on protective gloves.

The Coup cut test for the old EN388:2003 standard was conducted with a rotating blade, like a pizza cutter, under a standard weight with the material laid out on a flat surface. The blade was moved back and forth over the fabric until a cut was detected, and the safety level determined by the number of times the blade passed across.

However, the rise of new cut-resistant fibre technology has uncovered limitations in the Coup test. Gloves rated at level 5 could cover a wide range of protection – meaning gloves with vastly different levels of performance could all be classified under the same level.

A new cut-level test was needed to more accurately reflect the true safety level.

The new standard, EN388:2016, was updated in November 2016 to apply a new test, ISO 13997, to the existing mechanical hazards performance tests. This upgrades the standard to be more relevant to modern real-life applications and fabrics.

The new cut test method was adopted from the ISO 13997 standard to overcome those limitations.

Testing for the EN388 standard is carried out using an instrument called a TDM100 machine. The fabric is placed on a convex surface and a straight blade is moved across the sample under specified loads until the blade cuts through. When it comes into contact with a conductive copper strip underneath the sample, the test automatically halts.

The distance between the point of initial contact and the cut-through point is measured in millimetres. The cut resistance is calculated as a ratio of the distance the blade travels and the weight of the load.

The tests are carried out five times with each load weight, using a fresh blade each time to ensure accuracy.

Level	Force to cut (Newtons/grams)	Risk*
X	<2 N (203g)	None
A	≥ 2N (203g)	Low
B	≥ 5N (509g)	Low/ Medium
C	≥ 10N (1019g)	Medium
D	≥ 15N (1529g)	Medium/ High
E	≥ 22N (2243g)	High
F	≥ 30N (3059g)	Very High

\*This is Safety Mate's opinion and is not based on EN388:2016 which does not state risk levels at all. The suitability of all PPE should be risk assessed based on applications

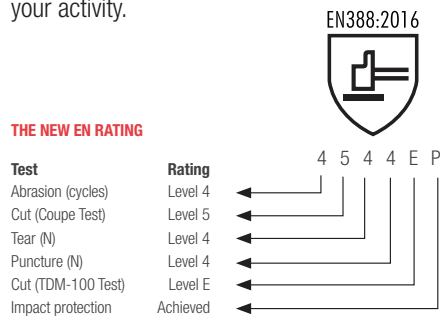
## How will safety glove markings change?

Safety glove markings will be updated to include the results of the new ISO 13997 cut test.

The current 4 performance values shown under the EN388 'Hammer Shield' icon indicating Abrasion, Cut (Coup test), Tear and Puncture will remain. However, should the material dull the blade under the Coup Test, the second digit will get a "X" and will be tested under the ISO 13997 cut test. A letter (A-F) showing the result of the new cut test will be added to the right-hand side of the current 4 digits. A indicates the lowest rating with F being the highest rating.

A new Impact protection result may also be added to the markings for gloves tested for back-of-hand protection. This will be indicated with a P (pass), F (fail) or X (not tested).

Safety Mate believes testing under the EN388:2016 standard allows for a more accurate grading, particularly for cut resistance. This will enable choosing the most appropriate gloves to match the risks of your activity.



# NXG

## Next Generation Gloves

# THE NEXT GENERATION OF GLOVES



C-8132

### It's time to level up! NXG's Cut D Lite is the new benchmark for cut resistant gloves.

There's a wide range to choose from when you're looking for medium to high risk cut protection. The NXG™ Cut D Lite stands head and shoulders above the crowd and represents outstanding value for money.

#### WHAT SETS THE NXG™ CUT D LITE APART?

##### Cut Level D that feels like a much lighter glove

The perfect combination of higher-level cut resistance and 18 gauge super lightweight feel with 360° breathability. Meets the new EN388:2016 Cut Level D cut protection standard.

##### Superior cut resistance, much more than most other gloves

The new EN388:2016 standards mean that Cut Level D is a far superior product that takes cut resistance to the next level. The ability to withstand force of 15N – 22N means you could get up to twice the cut resistance of Cut Level C gloves with some cut level D gloves.

##### Comfort with dexterity for high performance

Delivered in a lightweight, perfectly ergonomic design that allows the user to do their job safely, with no compromise on safety.

##### The latest yarn technology for breathable, durable wearability

Effective, easy-to-wear protection delivered by innovative knitting technology, combined with a breathable nitrile coating, ensuring comfort and safety for the whole shift.

##### Reinforced thumb and forefinger and touch screen compatibility

Strengthening of key areas lengthens the life of the glove. Touch screen compatibility means there is no need to remove a glove in the field to access screens.

##### Oeko Tex® Standard 100

Materials in our gloves have been independently tested and certified to carry the Standard 100 by Oeko Tex® label. Passing the strict conditions and test criteria of this standard means our gloves are free from harmful substances, bringing an extra level of safety and hygiene to workplaces.

### THIS WILL BECOME THE BENCHMARK STANDARD FOR CUT LEVEL D GLOVES



360°  
BREATHABILITY



CUT<sup>D</sup>



TOUCH SCREEN



ERGONOMICALLY  
SHAPED



REINFORCED  
THUMB AREA



VENDING  
PACK AVAILABLE

# SafetyMate

FOR TRIAL SAMPLES AND MORE INFORMATION