

# AIR

A-5130



## PERFORMANCE STANDARDS



## TECHNOLOGIES



360°  
BREATHABILITY



ERGONOMICALLY  
SHAPED



SUPER DURABLE



VENDING  
PACK AVAILABLE



HAND HEALTH

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.

# NXXG

Next Generation Gloves

## COMFORT, BREATHABILITY AND DURABILITY IN A SINGLE PACKAGE

NXXG™ have developed a combination of the latest innovative yarns and then coated with a highly breathable nitrile coating to create a glove which “breathes” easily, expelling warm air from within the glove to the outside of the glove, while at the same time wicking moisture away from the hand providing a truly dry and comfortable experience while hard at work. The AIR™ range of gloves are perfect for every day general use where comfort, fit and durability are important.

## FEATURES

- + Super lightweight
- + Excellent fit, dexterity and performance
- + 360° breathability
- + Durable and breathable nitrile coating
- + Sizes 6 to 12
- + Oeko-Tex® 100, Sanitized® and dermatologically accredited

CERTIFIED PRODUCT



**Why BSI Certification:** By certifying with BSI, Safety Mate demonstrates to users of our products, that they not only use industry-respected best practices but also choose to work with the organization that developed many of these standards. As a highly trusted global regulator, BSI tests products against industry recognised standards. In a world where safety is of paramount importance, BSI and its logo offer additional value and guarantees that products have been expertly tested to market-leading standards of quality, safety and durability.

**NXXG**  
NEXT GENERATION GLOVES

**Riley**

**MEC DEX**  
HI DEXTERITY MECHANICS GLOVES



# SafetyMate

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# WILL YOUR SAFETY GLOVES MEET THE NEW AUSTRALIAN STANDARD?



Safety Mate has always been serious about preventing hand injuries. That's why we brought a new standard of glove to the Australian market. Now Australian standards are catching up.

The new standard was published in December 2020 as AS/NZS 2161.3:2020 and key features are:

- more accurate simulation of real life cut dangers
- an additional cut (TDM-100) rating and an optional impact rating
- Australian standards mirroring European standard EN388:2016

## PERFORMANCE TESTS AGAINST:



Abrasion



Old cut (coup) resistance



Tear



Puncture



New cut (TDM) resistance



Impact

## New cut (TDM) resistance levels

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 only. The suitability of all PPE should be risk assessed based on applications

## THE NEW RATING

EN388:2016

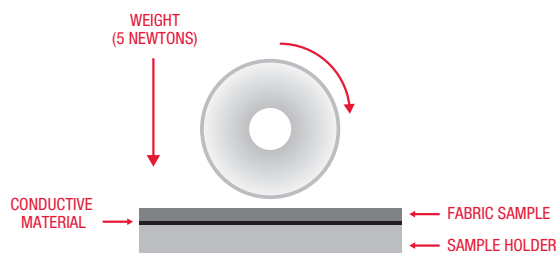


Test	Levels	4	5	4	4	F	P
Abrasion	1-4	←	←	←	←	←	←
Cut (Coupe Test)	1-5	←	←	←	←	←	←
Tear (N)	1-4	←	←	←	←	←	←
Puncture (N)	1-4	←	←	←	←	←	←
Cut (TDM-100 Test)	A-F	←	←	←	←	←	←
Impact protection	X or P	←	←	←	←	←	←

The new cut test is a game-changer for safety gloves. It will more accurately rate protection where there's a higher risk of cut injuries. This means gloves previously rated at Level 5 cut resistance may only give low to medium protection in some circumstances.

The NXG range of cut-resistant gloves already meets EN388:2016 and includes 8 Cut Level D glove styles, and 3 Cut Level F models. We're ready to assist with risk assessment and hand protection user trials to ensure your workforce are protected. Contact us to discuss the new standards and to arrange a free site glove audit and trials.

## COUP TEST



## TDM TEST

TRAVEL OF BLADE IN SINGLE DIRECTION NEW BLADE FOR EACH TEST

