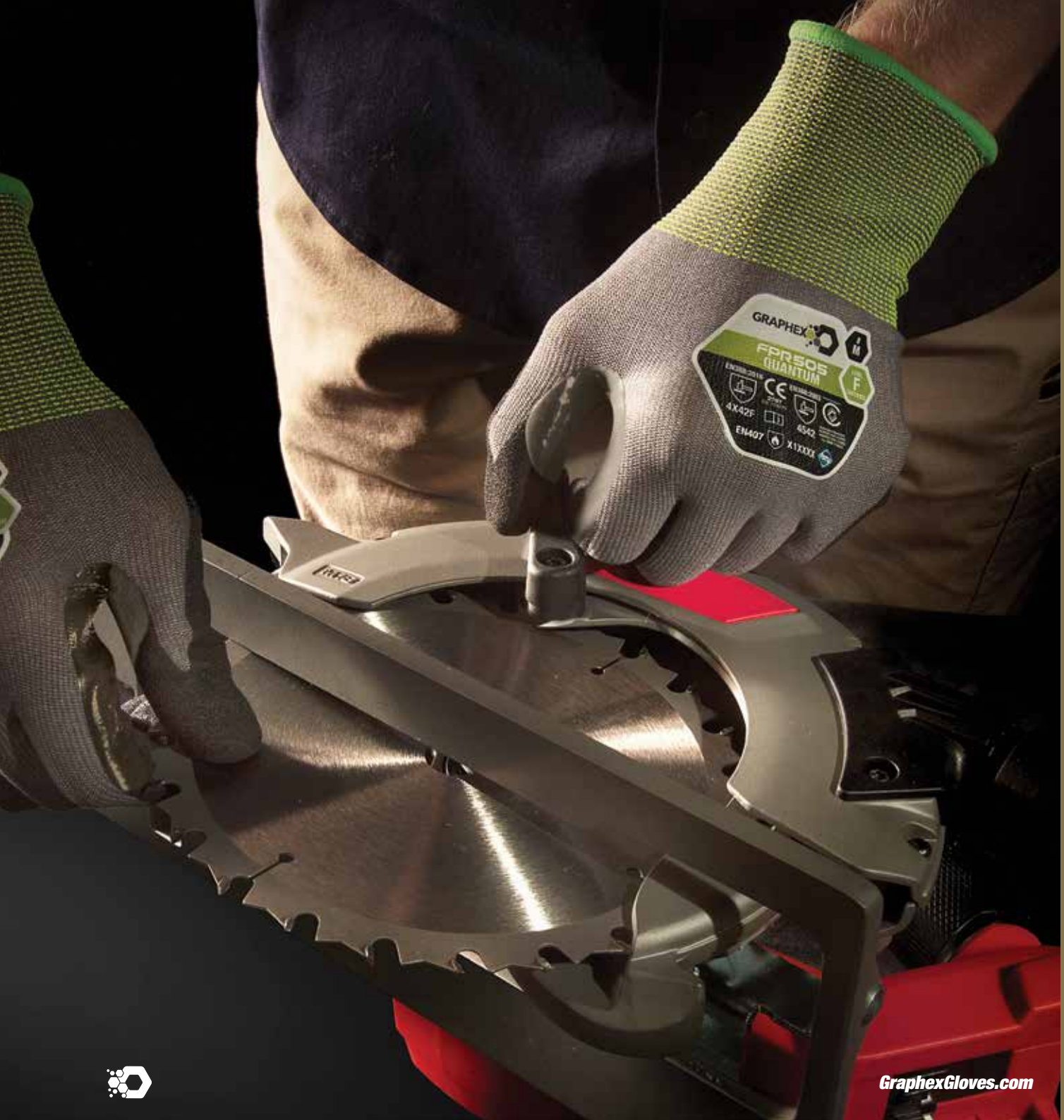
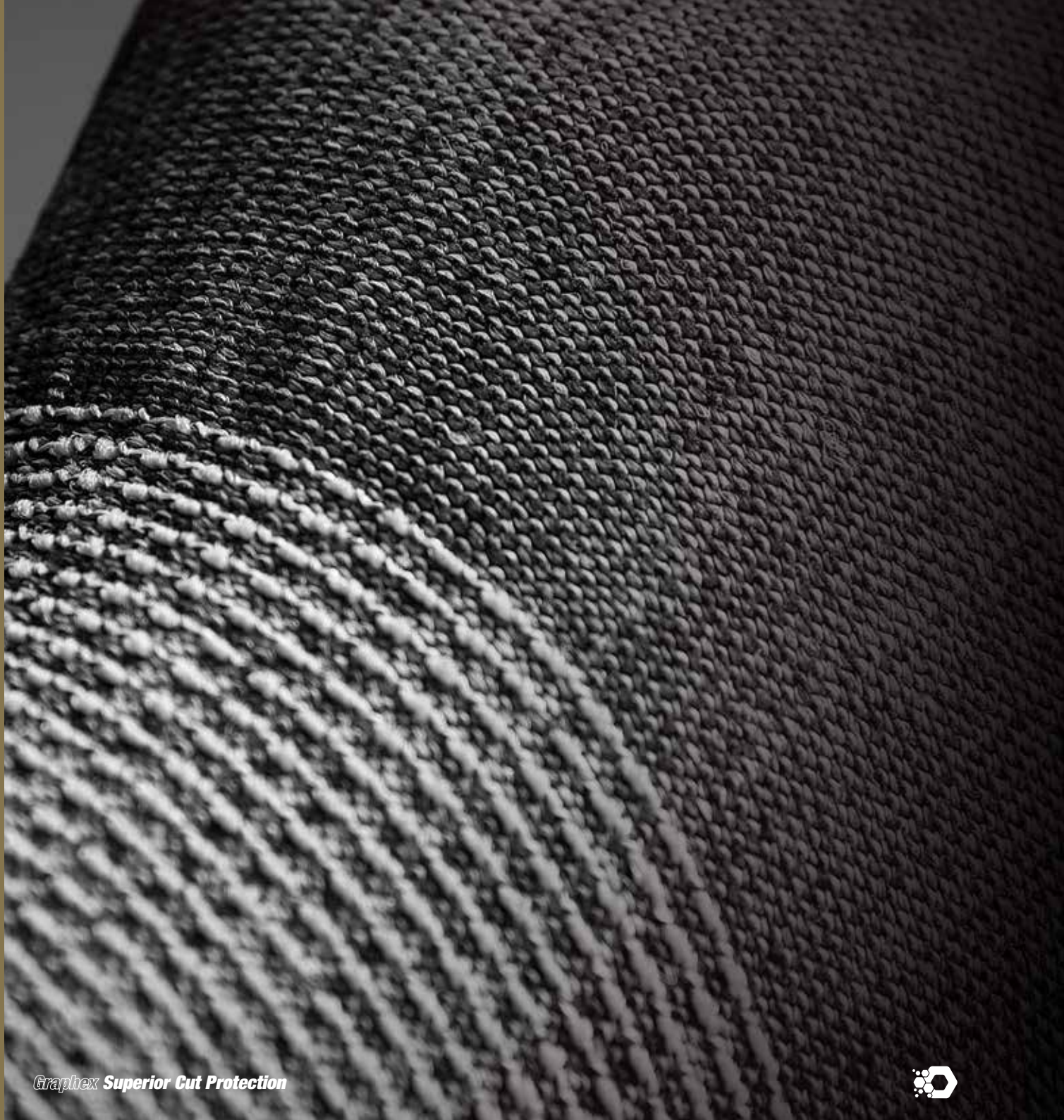
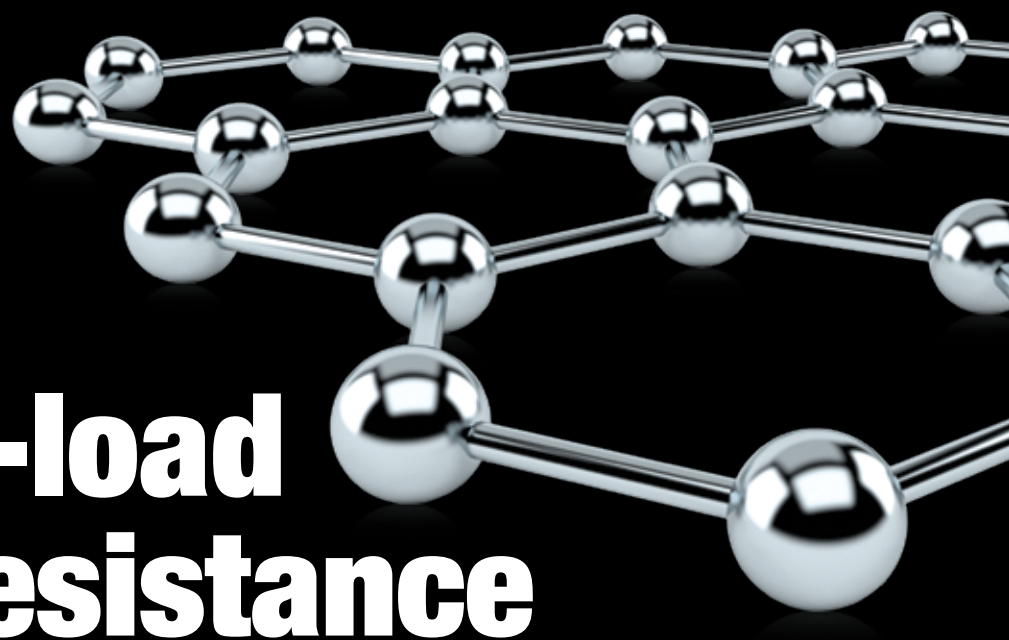
GRAPHEX®

SUPERIOR CUT PROTECTION

THIS IS
THE FUTURE OF CUT PROTECTION


GRAPHEX
FPR505
QUANTUM
4X42F
4542
EN407
X1XXXX





GRAPHENE

A sheet-load of cut resistance

Graphene was created in a lab in 2004 by Geim & Novoselov at the University of Manchester in the UK. Graphene is the first ever two-dimensional material to be discovered using nanotechnology. It is a one-atom-thick hexagonal lattice sheet structure and now the strongest material known. By aligning the lattice sheets along the yarn's fibre axis, the Graphex® yarn is created. Due to the chemical composition of Graphene, the Graphex® yarn has superior levels of abrasion, cut, tear and puncture resistance.
With these advancements in nanotechnology, Graphex® is revolutionising hand protection.

Cut Level 5

Certified under Australian Standard
AS/NZS 2161.3:2005

Cut Level F

Certified under European Standard
EN388:2016

TECHNOLOGY

A touch of genius

At Graphex® we recognise that the use of mobile phones and tablets is now extremely common in the workplace, whether it be in the office or onsite. We have added a touch of genius to the entire range by allowing the wearer to leave their gloves on to answer calls or emails as they need to, eliminating the time consuming process of taking the glove off and more importantly reducing the chances of a workplace hand injury.

Maximum Dexterity Level 5

Certified under Australian Standard AS/NZS 2161.2:2005 and EN420:2003+A1:2009

Touch Screen Friendly

SKIN FRIENDLY FACTORS

All day care with all day wear

The Graphex® range not only protects the wearer from potential hand injuries, it also ensures skin health through Reach Compliance. This compliance ensures Graphex® gloves have a safe pH level and contain no azo dyes or residual chemicals that can cause skin irritation. In addition, the Graphex® range also offers UPF50+ sun protection, is silicone and fibreglass free and contact Food Safe under AS 2070:1999. We really do care.

Required Safe pH Level

Certified under Australian Standard AS/NZS 2161.2:2005 and EN420:2003+A1:2009

AZO Dye and Irritant Chemical Free

Certified under Australian Standard AS/NZS 2161.2:2005 and EN420:2003+A1:2009

UPF50+ Sun Protection

Pass under AS/NZS 4399 Sun Protective Clothing

Contact Food Safe

under AS 2070:1999

Silicone and Fibreglass Free Liner

CERTIFICATION

This is not just a Standard glove

Graphex has entrusted BSI Benchmark, to ensure that all mechanical scores are validated. Certification ensures the manufacturing process and facilities, certificates and the product itself are audited and scrutinised so that all claims are accurate. Asking a trusted and independent notifying body to certify the mechanical scores guarantees that the scores are accurate and performance will be to this certification. The entire Graphex® range is certified to both European and Australian Standards.

CE
2797
CE 719275

CERTIFIED PRODUCT

Australian Standard
AS/NZS 2161.2:2005
AS/NZS 2161.3:2005
Lic. BMP 719027

THE COMPLETE RANGE

Everything from D to F

As far as cut resistance is concerned, the Graphex® glove range offers the utmost protection. However Graphex® recognises one glove does not cover all applications so we have created an entire range to service industries from General Assembly through to Oil & Gas. Whether you need a liquid resistant glove or TPR back of hand protection, there is a Graphex® glove that will meet your requirements.

CUT LEVEL
D
EN388:2016
CUT LEVEL
5
AS/NZS 2161.3
GRAPHEX
FPR 400
PRECISION
4X42D
4542
EN407
X1XXXX

1 12 144

Graphex® Precision

Features

- Incorporating Graphex® cut resistant yarn
- High dexterity for precision tasks
- Certified to Cut Level D under European Standard EN388:2016
- Certified to Cut Level 5 under Australian Standard AS/NZS 2161.3:2005
- Certified to Contact Heat Level 1 under EN407:2004
- Contact Food Safe under AS 2070:1999 (FDA 21CFR177.2600)
- Active Grip Technology for superior use in wet and dry conditions
- Extended wear with up to 12,000 abrasion cycles
- Reinforced thumb and forefinger saddle
- Touch Screen friendly
- Silicone and fibreglass free construction
- Actifresh treated to inhibit odours and bacteria
- 360 degree breathability
- UPF50+ offering maximum sun protection

Industries

- Mining
- Sheet metal work
- Maintenance
- Construction
- Glazing
- Oil & Gas
- Infrastructure projects
- Fabrication
- Industrial finishing
- Industrial wiring
- Food processing & handling

Performance Standards

EN388:2016	EN388:2003	EN407:2004
4X42D	4542	X1XXXX

Certification

2797
CE 719275

Australian Standard
AS/NZS 2161.2:2005
AS/NZS 2161.3:2005
Lic. BMP 719027

Sizing

GFPR400.S	Small
GFPR400.M	Medium
GFPR400.L	Large
GFPR400.XL	X Large
GFPR400.2XL	2X Large

Vend-Ready Packaging Sizing

GFPR400V.S	Small
GFPR400V.M	Medium
GFPR400V.L	Large
GFPR400V.XL	X Large
GFPR400V.2XL	2X Large

1 12 144

Graphex® Premier

Features

- Incorporating Graphex® cut resistant yarn
- Certified to Cut Level F under European Standard EN388:2016
- Certified to Cut Level 5 under Australian Standard AS/NZS 2161.3:2005
- Certified to Contact Heat Level 1 under EN407:2004
- Contact Food Safe under AS 2070:1999 (FDA 21CFR177.2600)
- Active Grip Technology for superior use in wet and dry conditions
- Extended wear with up to 15,000 abrasion cycles
- Reinforced thumb and forefinger saddle
- Touch Screen friendly
- Silicone and fibreglass free construction
- Actifresh treated to inhibit odours and bacteria
- 360 degree breathability
- UPF50+ offering maximum sun protection

Industries

- Mining
- Sheet metal work
- Maintenance
- Construction
- Glazing
- Oil & Gas
- General assembly
- Fabrication
- Machinery & equipment
- Food processing & handling

Performance Standards

EN388:2016	EN388:2003	EN407:2004
4X43F	4543	X1XXXX

Certification

CE 2797
CE 719275

Australian Standard
AS/NZS 2161.2:2005
AS/NZS 2161.3:2005
Lic. BMP 719027

Sizing

GFPR500.S	Small
GFPR500.M	Medium
GFPR500.L	Large
GFPR500.XL	X Large
GFPR500.2XL	2X Large

GRAPHEX
FPR500
PREMIER
4543
CUT LEVEL
F
EN388:2016
CUT LEVEL
5
AS/NZS 2161.3

CUT LEVEL
F
EN388:2016
CUT LEVEL
5
AS/NZS 2161.3
GRAPHEX
FPR501
PREMIER

1 12 144

Graphex® Premier^EXT

Features

- Incorporating Graphex® cut resistant yarn
- Extended cuff for forearm protection
- Certified to Cut Level F under European Standard EN388:2016
- Certified to Cut Level 5 under Australian Standard AS/NZS 2161.3:2005
- Certified to Contact Heat Level 1 under EN407:2004
- Contact Food Safe under AS 2070:1999 (FDA 21CFR177.2600)
- Active Grip Technology for superior use in wet and dry conditions
- Extended wear with up to 15,000 abrasion cycles
- Reinforced thumb and forefinger saddle
- Touch Screen friendly
- Silicone and fibreglass free construction
- Actifresh treated to inhibit odours and bacteria
- 360 degree breathability
- UPF50+ offering maximum sun protection

Industries

- Mining
- Sheet metal work
- Maintenance
- Construction
- Glazing
- Oil & Gas
- General assembly
- Fabrication
- Machinery & equipment
- Food processing & handling

Performance Standards

EN388:2016 4X43F

EN388:2003 4543

EN407:2004 X1XXXX

Certification

CE 2797 CE 719275

Australian Standard AS/NZS 2161.2:2005 AS/NZS 2161.3:2005 Lic. BMP 719027

Sizing

●	GFPR501.S	Small
●	GFPR501.M	Medium
●	GFPR501.L	Large
●	GFPR501.XL	X Large
●	GFPR501.2XL	2X Large

1 6 72

Graphex® Armour

Features

- Incorporating Graphex® cut resistant yarn
- Velcro cuff ensures a secure fit
- Back of hand impact protection
- Certified to Cut Level F under European Standard EN388:2016
- Certified to Cut Level 5 under Australian Standard AS/NZS 2161.3:2005
- Certified to Contact Heat Level 2 under EN407:2004
- Contact Food Safe under AS 2070:1999 (FDA 21CFR177.2600)
- Active Grip Technology for superior use in wet and dry conditions
- Extended wear with up to 15,000 abrasion cycles
- Reinforced thumb and forefinger saddle
- Touch Screen friendly
- Silicone and fibreglass free construction
- Actifresh treated to inhibit odours and bacteria
- 360 degree breathability
- UPF50+ offering maximum sun protection

Industries

- Machinery & equipment
- Mining
- Sheet metal work
- Maintenance
- Timber & forestry
- Construction
- Glazing
- Scaffolding
- Oil & Gas
- Fabrication

Performance Standards

EN388:2016	EN388:2003	EN407:2004
4X43FP	4543	X2XXXX

Certification

CE 2797
CE 719275

Australian Standard
AS/NZS 2161.2:2005
AS/NZS 2161.3:2005
Lic. BMP 719027

Sizing

GFPR502.S	Small
GFPR502.M	Medium
GFPR502.L	Large
GFPR502.XL	X Large
GFPR502.2XL	2X Large

PROARMOUR
GRAPHEX
CUT LEVEL
F
EN388:2016
CUT LEVEL
5
AS/NZS 2161.3

CUT LEVEL
F
EN388:2016
CUT LEVEL
5
AS/NZS 2161.3
GRAPHEX
FPR504
LQR
EN388:2016
EN388:2003
4X43F
4543
EN407
X1XXXX

1 12 144

Graphex® LQR

Features

- Incorporating Graphex® cut resistant yarn
- Liquid barrier to keep hands dry
- Certified to Cut Level F under European Standard EN388:2016
- Certified to Cut Level 5 under Australian Standard AS/NZS 2161.3:2005
- Certified to Contact Heat Level 1 under EN407:2004
- Contact Food Safe under AS 2070:1999 (FDA 21CFR177.2600)
- Active Grip Technology for superior use in wet and dry conditions
- Extended wear with up to 15,000 abrasion cycles
- Reinforced thumb and forefinger saddle
- Touch Screen friendly
- Silicone and fibreglass free construction
- Actifresh treated to inhibit odours and bacteria
- 360 degree breathability
- UPF50+ offering maximum sun protection

Industries

- Mining
- Sheet metal work
- Maintenance
- Construction
- Glazing
- Oil & Gas
- General assembly
- Fabrication
- Machinery & equipment
- Food processing & handling

Performance Standards

EN388:2016	EN388:2003	EN407:2004
4X43F	4543	X1XXXX

Certification

CE 2797
CE 719275

Australian Standard
AS/NZS 2161.2:2005
AS/NZS 2161.3:2005
Lic. BMP 719027

Sizing

GFPR504.S	Small
GFPR504.M	Medium
GFPR504.L	Large
GFPR504.XL	X Large
GFPR504.2XL	2X Large

1 12 144

Graphex® Quantum

Features

- Incorporating Graphex® cut resistant yarn
- Extended thumb and forefinger saddle for product longevity
- Most dexterous Cut Level F glove available
- Certified to Cut Level F under European Standard EN388:2016
- Certified to Cut Level 5 under Australian Standard AS/NZS 2161.3:2005
- Certified to Contact Heat Level 1 under EN407:2004
- Contact Food Safe under AS 2070:1999 (FDA 21CFR177.2600)
- Active Grip Technology for superior use in wet and dry conditions
- Extended wear with up to 14,000 abrasion cycles
- Touch Screen friendly
- Silicone and fibreglass free construction
- Actifresh treated to inhibit odours and bacteria
- 360° breathability
- UPF50+ offering maximum sun protection

Industries

- Mining
- Sheet metal work
- Maintenance
- Construction
- Glazing
- Oil & Gas
- General assembly
- Fabrication
- Machinery & equipment
- Food processing & handling

Performance Standards

EN388:2016 — 4X42F

EN388:2003 — 4542

EN407:2004 — X1XXXX

Certification

CE 2797 CE 719275

Australian Standard AS/NZS 2161.2:2005 AS/NZS 2161.3:2005 Lic. BMP 719027

Sizing

🔵	GFPR505.S	Small
🟢	GFPR505.M	Medium
🟡	GFPR505.L	Large
🟠	GFPR505.XL	X Large
🔴	GFPR505.2XL	2X Large

Vend-Ready Packaging Sizing

🔵	GFPR505V.S	Small
🟢	GFPR505V.M	Medium
🟡	GFPR505V.L	Large
🟠	GFPR505V.XL	X Large
🔴	GFPR505V.2XL	2X Large

CUT LEVEL
F
EN388:2016
CUT LEVEL
5
AS/NZS 2161.3

CUT LEVEL
F
EN388:2016
CUT LEVEL
5
AS/NZS 2161.3
GRAPHEX
GRAPHEX

GFPR506

1 6 72

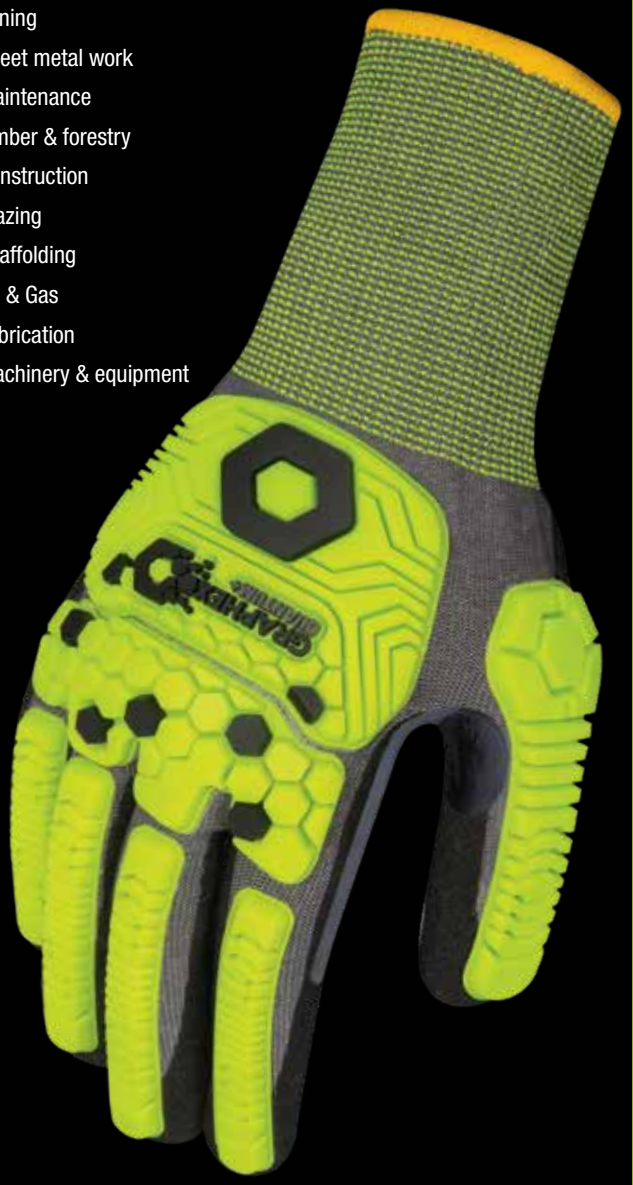
Graphex® Quantum+

Features

- Incorporating Graphex® cut resistant yarn
- Extended thumb and forefinger saddle for product longevity
- Most dexterous Cut Level F glove available
- Back of hand impact protection
- Certified to Cut Level F under European Standard EN388:2016
- Certified to Cut Level 5 under Australian Standard AS/NZS 2161.3:2005
- Certified to Contact Heat Level 1 under EN407:2004
- Contact Food Safe under AS 2070:1999 (FDA 21CFR177.2600)
- Active Grip Technology for superior use in wet and dry conditions
- Extended wear with up to 14,000 abrasion cycles
- Touch Screen friendly
- Silicone and fibreglass free construction
- Actifresh treated to inhibit odours and bacteria
- 360° breathability
- UPF50+ offering maximum sun protection

Industries

- Mining
- Sheet metal work
- Maintenance
- Timber & forestry
- Construction
- Glazing
- Scaffolding
- Oil & Gas
- Fabrication
- Machinery & equipment



Performance Standards

EN388:2016	EN388:2003	EN407:2004
4X42FP	4542	X1XXXX

Certification

CE 2797
CE 719275

Australian Standard
AS/NZS 2161.2:2005
AS/NZS 2161.3:2005
Lic. BMP 719027

Sizing

GFPR506.S	Small
GFPR506.M	Medium
GFPR506.L	Large
GFPR506.XL	X Large
GFPR506.2XL	2X Large

6 36

Graphex® Premier Arm Sleeve

Features

- Incorporating Graphex® cut resistant yarn
- Velcro closure ensures a secure fit
- Hex-zone silicone grip on forearm
- Certified to Cut Level F under European Standard EN388:2016
- Certified to Cut Level 5 under Australian Standard AS/NZS 2161.3:2005
- Certified to Contact Heat Level 1 under EN407:2004
- Extended wear with up to 15,000 abrasion cycles
- Fibreglass free construction
- Actifresh treated to inhibit odours and bacteria
- 360 degree breathability
- UPF50+ offering maximum sun protection

Industries

- Machinery & equipment
- Mining
- Sheet metal work
- Maintenance
- Construction
- Glazing
- Oil & Gas
- Fabrication

Performance Standards

EN388:2016	EN388:2003	EN407:2004
3X42F	3542	X1XXXX

Certification

2797
CE 719275

Australian Standard
AS/NZS 2161.2:2005
AS/NZS 2161.3:2005
Lic. BMP 719027

Sizing

GFPR530	OSFA

CUT LEVEL
F
EN388:2016
CUT LEVEL
5
AS/NZS 2161.3

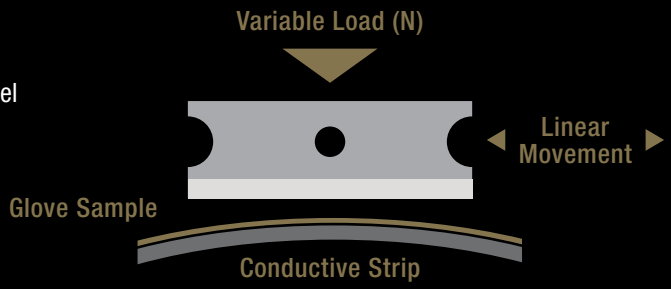
CUT DEMONSTRATION

Practise what you preach

We believe the Graphex® range of cut gloves offer the highest level of cut protection available, and we are happy to demonstrate this to you. Using a cut machine similar to the TMD-100 machine used by certified laboratories to conduct EN ISO 13997 cut tests, we can visit your workplace to demonstrate how Graphex® performs against the gloves currently being worn by your employees.

To request a cut demonstration please email **enquiries@graphexgloves.com**

NEW TDM-100 TEST (EN ISO 13997)
Amount of force (measured in Newtons) that is required to make an incision over a 20mm travel distance using a razor sharp blade.



360applied®

The right glove for the right job

Workplace hazards are commonplace. Injury and illness are very expensive to businesses, costing the Australian economy an estimated $62 billion^ each year. Identifying hazards is the critical component of PPE selection and can reduce a business's expenditure significantly. Hazards that may be encountered include mechanical, biological, chemical, heat, cold and abrasive surfaces. If these cannot be removed from the workplace, the risk of injury can be substantially minimised through the correct selection of PPE, ensuring the job can be completed safely.

As a market leading designer and manufacturer of personal protective equipment, Force360® is at the forefront of delivering innovative products and services to various industries around Australia. To manage wearer safety is to manage the correct use of personal protective equipment by ensuring its suitability for the specific application. The 360applied® program helps tailor the PPE selection to your business, providing task specific solutions for your employees.

To request an audit please email **enquiries@graphexgloves.com**

- Hand Protection Presentation
- Standards & Certification
- Site Audit
- Recommended Products
- Glove Trial
- Cost Analysis
- Training & Implementation
- Review Program

^www.safeworkaustralia.gov.au/statistics-and-research/statistics/cost-injury-and-illness/cost-injury-and-illness-statistics

GRAPHEX
SUPERIOR CUT PROTECTION

GraphexGloves.com