

# FPR500 GRAPHEX™ PREMIER



## PERFORMANCE STANDARDS

EN388  
2016



4X43F

EN388  
2003



4543

EN407



X1XXXX



## CERTIFICATION



## 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
- ▶ Extended wear with up to 15,000 abrasion cycles
- ▶ Contact Heat Level 1 for handling hot objects
- ▶ Reinforced thumb and forefinger saddle
- ▶ Active Grip Technology for superior use in wet and dry conditions
- ▶ 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

## SPECIFICATIONS

<b>PART NO</b>	GFR500
<b>COATING</b>	AGT Coating
<b>LINER</b>	Graphex™

## SIZING & FIT

### AVAILABLE SIZES

S/7, M/8, L/9, XL/10, 2XL/11

### DEXTERITY LEVEL

Maximum Dexterity Level 5

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

## PACKAGING

- 1 pair per polybag (vending machine friendly)
- 12 pairs per pack
- 144 pairs per carton

## REACH COMPLIANCE

### Required Safe PH Level

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

### AZO Dye and Irritant Chemical Free

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

## SUN PROTECTION

### UPF50+ Sun Protection

*Pass under AS/NZS 4399 Sun Protective Clothing.  
Tested by Australian Radiation Protection And  
Nuclear Safety Agency (ARPANSA).*

## GLOVE CARE

- Machine Wash <40°C
- Cold Water Rinse
- Dryer <60°C

## WHAT IS GRAPHEX™?

Force360 is Australia's first PPE manufacturing and supply specialist to incorporate revolutionary Graphene based cut resistant yarn into the production of its gloves. Created in a lab in 2004 by researchers Geim & Novoselov at the University of Manchester in the UK, Graphene's strength, flexibility and lightness has become apparent across multiple industries around the world.

In partnership with the world's leading cut resistant yarn factory and through recent advancements in nanofabrication technology, Force360 has developed its own unique Graphene based yarn named Graphex™.

Graphex™ maintains amazing dexterity and softness whilst providing industry best cut protection levels exceeding ISO 13997 Level F, and ASTM scores of A4 to A6.

Force360 continues to be the only brand in the market today that certifies its entire hand protection range to Australian Standards, but have now gone even further by certifying the Graphex™ based range to the latest European Standards.

As a result we believe that Force360's Graphex™ gloves are the most tested and reliable gloves on the market today, with the highest levels of protection available to ensure wearer, employer and supplier peace of mind.

## Shake hands with the future of cut protection - Graphex™ by Force360

### WHY CERTIFY A GLOVES MECHANICAL SCORES?

Unknown to most people, gloves in Australia are almost always sold as compliant to European Standards. They will show a European Standards mark and mechanical score for example - 'EN388 4542X'. They may state in their literature 'Compliant to European Standards' or 'meets European Standards'.

#### **This is NOT the same as being certified to European Standards.**

Compliant gloves can be simply marked with a particular cut level score of 5 or F for example; and the wearer must accept this claim. No further proof or validation from the glove manufacturer is required. For Force360 this is not acceptable. Hand injuries are commonplace and simply making compliance claims is just not enough to guarantee a glove's mechanical score, or its protection level.

Asking a trusted and independent notifying body to certify the mechanical scores, guarantees that the scores are accurate and performance will meet this certification.

**Force360** has entrusted **SAI Global**, the world's leading Standards Certifier to ensure that all mechanical scores are validated. This certification process ensures manufacturing processes and facilities, test certificates, and the product itself are audited & scrutinized so that all claims are accurate. The notifying body in affect becomes a gatekeeper of hand protection for the wearer.

#### **Force360's entire hand protection range is certified by SAI Global to the latest European and Australian Standards.**

Certified products must show a license number issued by the notifying body in addition to the EN388 mechanical scores.

