# PRODUCT DATASHEET





# **TigArc** PREMIUM TIG WELDING GLOVE



# **Features**

- Soft goatskin leather for maximum comfort and dexterity
- Full cotton fabric lining, resists heat and manages perspiration
- Kevlar<sup>®</sup> stitching resists heat and prolongs seam life
- Reinforced padded wear patch on side of palm
- Foam padded comfort palm
- ▲ 406mm length for splatter protection
- Skin safe with no chromium, AZO dyes or chemical irritants present

# **Standards & Certification**



Force360 recognise that without product certification by a Notified Body all product performance testing, and adherence to standards claims cannot be independently verified. If they are not as claimed, serious safety implications for the wearer, and legal implications for the supplier and even the employer may arise. Force360 source their entire range of welding gloves from a single manufacturing partner to ensure consistency and reliability of product, but most importantly Force360 have taken the further step of engaging a globally recognised Notified Body to audit and certify both the manufacturing process and the products.

All of Force360's hand protection is certified to the latest AS/NZS hand protection standards.



Part No. Liner Outer

Leather

GFPR751

Cotton



# Sizing & Fit

Available Sizes

GFPR751.L Large

#### **Dexterity Level**

Maximum Dexterity Level 5 Certified under AS/NZS 2161.2:2020







# **Key Technologies**



# Goatskin Leather

Goatskin leather has a soft and subtle feel that maximizes comfort for all-day wear. This leather is flexible, which allows for dexterous movement across tasks.



#### Kevlar<sup>®</sup> Stitching

Kevlar<sup>®</sup> is a heat resistant thread that does not melt, decomposing only at 450°C. The thread is durable, being 2.5 times stronger than polyester and nylon.



#### **Reinforced Wear Patch**

The glove is constructed with additional fabric on the side of the palm to reinforce this high wear area. The result is a more durable glove that resists wear in typical spots.



#### Padded Comfort Palm

A padded comfort palm will relieve pressure from strong grips and providing overall glove comfort to the wearer.

# **Welding Performance Standards**

# EN 12477:2001+ A1:2005

#### Protective gloves for welders

This standard describes the design specifications for gloves that provide hand and wrist protection for welding or similar work and should be referred to in conjunction with EN 388 and EN 407. This standard is applicable only in combination with EN ISO 21420. Welding gloves must protect against mechanical hazards and small splashes of molten metal, short contact exposure to limited flame, brief exposure to convective heat, against UV radiant heat from the arc and contact heat.

According to their performance levels, protective gloves for welders are divided into two categories: **Type A -** gloves that provide a high degree of protection against heat but are less flexible

Type B - gloves that provide a lower degree of protection against heat but are more flexible

Marking conforms to specifications in EN ISO 21420 and the pictograms in EN 388 and EN 407.

#### EN 388 Minimum Mechanical Performance Levels

EN 388 Test	Type A	Type B
Abrasion Resistance	2	1
Cut Resistance	1	1
Tear Resistance	2	1
Puncture Resistance	2	1

#### **EN 407 Minimum Thermal Performance Levels**

EN 407 Test	Type A	Type B
Limited Flame Spread	3	2
Contact Heat Resistance	1	1
<b>Convective Heat Resistance</b>	2	-
<b>Drops of Molten Metal</b>	3	2

#### **Reach Compliance**

Required Safe pH Level Certified under AS/NZS 2161.2:2020

AZO Dye and Irritant Chemical Free Certified under AS/NZS 2161.2:2020

#### **Glove Care**

Cold water rinse Dip dry

