EXPERTS IN SUSTAINABLE INNOVATIVE HAND PROTECTION

Traffi®
THE HAND PROTECTION **SPECIALISTS**

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TG/UK_SHEXPO/05/22

CERTIFIED ZERO CARBON COMPANY

BSiF Registered Safety Supplier

YOUR CARBON NEUTRAL HAND PROTECTION PARTNER

CERTIFIED CARBON NEUTRAL

Traffi®
THE HAND PROTECTION **SPECIALISTS**

Traffi have been amazing throughout our journey with them. With continual support being offered. The Traffi colour coded system has been invaluable and made our hand protection a lot simpler, we are now able to identify if the right cut level is being worn on site quickly and easily.

Paul Wainwright,
Construction Safety Officer, WHG

THE TRAFFI SYSTEM

It's been over a decade since we launched the revolutionary colour-coded safety glove system, with a mission in mind to make hand safety simple.

The TraffiSystem is a straightforward way to ensure everyone is wearing the correct PPE and reduce hand injuries. It's visual, memorable and universally understandable.

SUSTAINABILITY IN HAND PROTECTION | TRAFFIGLOVE.COM

Traffi®
THE HAND PROTECTION **SPECIALISTS**

WELCOME TO THE 2022 CATALOGUE

Hand Protection Specialists on a mission to keep your hands and our planet safe.

At Traffi we're passionate about understanding how our each and every move impacts the world around us, from our glove production to our business carbon footprint. This inspires us to provide environmentally friendly alternatives to the PPE market and challenge what's accepted when it comes to sustainability within the industry. In our catalogue you will find the latest product range for 2022, alongside the technical specifications. This will allow you to provide your employees with the correct hand protection for the task in hand.

As trusted advisors and sustainable hand protection specialists, we're here to offer support, including helping you to achieve your own corporate sustainability goals. We don't just offer gloves, we offer an experience, a journey, one we invite you to be a part of.

Traffi - your glove choice for life.

Enjoy reading!
The Traffi team

CONTENTS

SUSTAINABILITY IN HAND PROTECTION | TRAFFIGLOVE.COM

Traffi®
THE HAND PROTECTION SPECIALISTS

OUR SUSTAINABILITY JOURNEY

At Traffi we're here to help you achieve your sustainability goals and objectives.

ZERO CARBON COMPANY
sustainablefuturegroup.com

At Traffi, we're on a mission to reduce your hand injuries, costs, waste and carbon emissions. We're passionate about providing more sustainable alternatives to the hand protection market. Further chapters of our great story will follow during 2022, but let's start here: Traffi brings to you our sustainable glove range.

Follow our sustainability timeline over the last few years to see how we have achieved our goals.

SINCE 2015

We've been planting trees, gaining official certification, building the carbon credits bank, restoring forests, building infrastructure & going green.

2019

We calculated everything and concluded our Carbon impact was equivalent to cutting down 76 acres of healthy forest. To put this right we've used Carbon Credits in development programs in the homeland of our LXT gloves, Sri Lanka.

2020

We've measured everything and we offset the impact within the factory's very own Carbon Credit Bank. This step is even more advanced - it's called 'insetting' because we're making good within our own integrated supply chain. We continue to measure everything, and continue our journey to make deliberate business decisions to reduce our carbon footprint and enable our customers to join Traffi in this great journey.

2022 ONWARDS

We've committed to reducing our footprint on every pair produced, and protecting the environment in everything we do. There are more chapters to follow, so make sure you keep in touch. Traffi – getting customers started with Carbon Neutral PPE.

WHAT DOES THIS MEAN FOR YOU?

1) Traffi can deliver LXT gloves to your site/ location with a net zero carbon footprint covering both product and delivery
2) When our corporate clients come to calculate their own business upstream carbon footprint, we've already taken care of the hand protection
3) The Traffi journey also delivers sustainability through reducing waste to landfill, and extending the product lifecycle, thus reducing cost.

LXT is truly best in class for comfort and dexterity

HITTING CARBON WHERE IT HURTS!

HAND PROTECTION WITH A CONSCIENCE

THE WORLD'S FIRST CARBON NEUTRAL SAFETY GLOVE RANGE!

At Traffi, we're on a mission to reduce your hand injuries, costs, waste and carbon emissions.

We're passionate about providing more sustainable alternatives to the hand protection market. Did you know we've created the world's first carbon neutral safety glove range?

Choosing the LXT range from Traffi means that you are selecting a high-quality product that is certified carbon neutral. This covers raw material, knitting, manufacturing, shipping to the UK and on to the customer delivery point. This means that this product range has zero negative impact on the environment, to the point of delivery. This helps to reduce your carbon footprint and when you come to measure your own business carbon footprint, we've already taken care of hand protection for you.

ZERO PLASTIC PACKAGING

As part of our sustainability journey, we are on a mission to remove all plastic. So far we've replaced over 250,000 poly bags with our 100% recyclable card wrap!

Warehousing | Construction | Manufacturing

NITRILE COATING

TG1240 A

Key features

- Treated with our Life Extending Technology for extra longevity and enhanced resistance to oil, dirt & water.
- Also features a thumb crotch to extend the wear life of the glove.
- The LXT range is certified as carbon neutral. This means that at no extra cost, your LXT glove has zero negative impact on the environment, to the point of delivery.

Standard	EN 388:2016 (4142A) ANSI (A1)
	EN 407:2004 (X1XXXX)
Sizes	6-11
Liner	Nylon/Elastane
Gauge	15gg
Coating	MicroDex Nitrile

TG3240 B

Key features

- Treated with our Life Extending Technology for extra longevity and enhanced resistance to oil, dirt & water.
- Also features a thumb crotch to extend the wear life of the glove.
- The LXT range is certified as carbon neutral. This means that at no extra cost, your LXT glove has zero negative impact on the environment, to the point of delivery.

Standard	EN 388:2016 (4X43B) ANSI (A2)
	EN 407:2004 (X1XXXX)
Sizes	6-11
Liner	Polyester/HPPE/Glass/Nylon/Elastane
Gauge	15gg
Coating	MicroDex Nitrile

TG5240 C

Key features

- Treated with our Life Extending Technology for extra longevity and enhanced resistance to oil, dirt & water.
- Also features a thumb crotch to extend the wear life of the glove.
- The LXT range is certified as carbon neutral. This means that at no extra cost, your LXT glove has zero negative impact on the environment, to the point of delivery.

Standard	EN 388:2016 (4X43C) ANSI (A3)
	EN 407:2004 (X1XXXX)
Sizes	6-11
Liner	Polyester/HPPE/Glass/Nylon/Elastane
Gauge	15gg
Coating	MicroDex Nitrile

TG6240 E

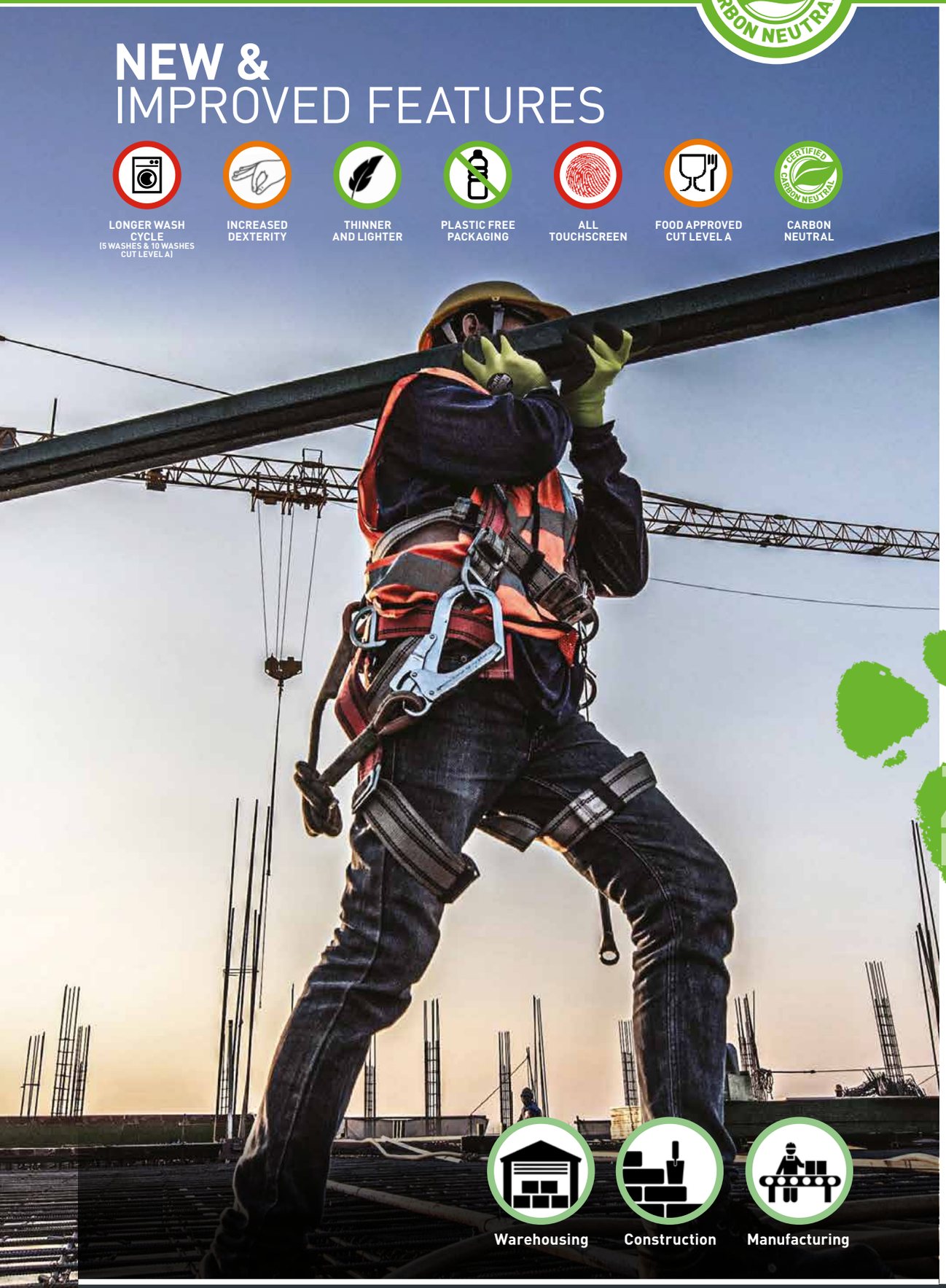
Key features

- Treated with our Life Extending Technology for extra longevity and enhanced resistance to oil, dirt & water.
- Also features a thumb crotch to extend the wear life of the glove.
- The LXT range is certified as carbon neutral. This means that at no extra cost, your LXT glove has zero negative impact on the environment, to the point of delivery.

Standard	EN 388:2016 (4X44E) ANSI (A5)
	EN 407:2004 (X1XXXX)
Sizes	6-11
Liner	Polyester/HPPE/Glass/Nylon/Steel/Elastane
Gauge	15gg
Coating	MicroDex Nitrile

NEW & IMPROVED FEATURES

- LONGER WASH CYCLE (5 WASHES & 10 WASHES CUT LEVEL A)
- INCREASED DEXTERITY
- THINNER AND LIGHTER
- PLASTIC FREE PACKAGING
- ALL TOUCHSCREEN
- FOOD APPROVED CUT LEVEL A
- CARBON NEUTRAL



Warehousing · Construction · Manufacturing

POLYURETHANE COATING

TG1360 A

EN 388:2016 4131A · ASTM ANSI CUT LEVEL A1 · Food Approved

Key features

- Treated with our Life Extending Technology for extra longevity and enhanced resistance to oil, dirt & water.
- The LXT Ultrafine range is certified as carbon neutral. This means that at no extra cost, your LXT glove has zero negative impact on the environment, to the point of delivery.
- Touchscreen ready
- Food approved
- Certified washable at 40°C for 10 wash cycles.

Standard	EN 388:2016 (4131A) ANSI (A1)
Sizes	5-12
Liner	Nylon/Elastane
Gauge	18gg ***Plus*** LXT Ultrafine
Coating	X-Dura Polyurethane

TG5360 C

EN 388:2016 3X42C · ASTM ANSI CUT LEVEL A3

Key features

- Treated with our Life Extending Technology for extra longevity and enhanced resistance to oil, dirt & water.
- The LXT Ultrafine range is certified as carbon neutral. This means that at no extra cost, your LXT glove has zero negative impact on the environment, to the point of delivery.
- Touchscreen ready
- Certified washable at 40°C for 5 wash cycles.

Standard	EN 388:2016 (3X42C) ANSI (A3)
Sizes	5-12
Liner	Polyester/HPPE/Glass/Steel/Nylon/Elastane
Gauge	18gg ***Plus*** LXT Ultrafine
Coating	X-Dura Polyurethane

ZERO FOOTPRINT

TOUCHSCREEN READY

LXT® ULTRAFINE

TG7360 F

EN 388:2016 4X42F · ASTM ANSI CUT LEVEL A6

Key features

- Treated with our Life Extending Technology for extra longevity and enhanced resistance to oil, dirt & water.
- The LXT Ultrafine range is certified as carbon neutral. This means that at no extra cost, your LXT glove has zero negative impact on the environment, to the point of delivery.
- Touchscreen ready
- Certified washable at 40°C for 5 wash cycles.

Standard	EN 388:2016 (4X42F) ANSI (A6)
Sizes	5-12
Liner	Polyester/HPPE/Glass/Steel/Nylon/Elastane
Gauge	18gg ***Plus*** LXT Ultrafine
Coating	X-Dura Polyurethane

THE WORLD'S FIRST CARBON NEUTRAL DISPOSABLE GLOVE

Food · Pharmaceutical · Laboratory · General Purpose · Mechanical

UK CA CE

TD02 SUSTAIN

Food Approved · Dermatologically Approved · Cat. III CE 2777 · EN ISO 374-1: 2016/TYPE B K O P M J · EN ISO 374-5: 2016 VIRUS

TRI POLYMER BLEND DISPOSABLE GLOVE

Key features

- 25% increase in stretch and comfort so less hand fatigue
- It's cooler to the skin, thanks to the new 3TP technology
- It's considerably more comfortable and closer fitting than standard nitrile, even after repeated stretching
- Skin friendly and dermatologically approved
- It is made with a higher content of raw material sustainably produced locally within our supply chain in Sri Lanka, so the pricing is more stable
- Lower carbon footprint in production

Standard EN 374-1, 2, 4 & 5
EN455 Part1, 2 & 3
EN16523-1
ASTM D3578 & ASTM D6319
ISO 9001:2015
ISO 13485:2016
Rapid biodegradation within 90 days – ISO 14855-1:2012
Food approved – EN1186 / Regulation EU 10/2011

Sizes S-XL

Food · Pharmaceutical · Laboratory · General Purpose · Assembly

UK CA CE

TD04 SUSTAIN

Cat. III CE 0598 · Cat. III UK CA 0120 · Food Approved · EN ISO 374-1: 2016/TYPE B K P T · EN ISO 374-5: 2016 VIRUS

BIODEGRADABLE NITRILE DISPOSABLE GLOVE

Key features

- 79% Biodegradation in 735 days according to ASTM D5526
- High stretch levels and excellent dexterity gives superior comfort for the wearer
- Very close fitting which allows for intricate tasks and assembly of small parts
- Textured glove surface vastly increases the grip and allows for greater control when handling objects

Standard EN 374-1, 2, 4 & 5
EN455 Part1, 2 & 3
ASTM D 5526
Food approved – EN1186 / Regulation EU 10/2011

Sizes S-XL

DISPOSABLE GLOVES

INTRODUCING TRAFFI TG1900 SUSTAIN

TG1900

The TG1900 is a cut level A glove made from recycled water bottles reclaimed from the beaches and oceans, with one bottle used per pair.

On top of this the glove is also biodegradable, proving to be a much more environmentally friendly option.
The TG1900 is Oeko-tex approved, meaning it is very skin friendly.
The cotton content in the liner makes it feel like a second skin and is super soft and comfortable.

Ideal for

- Automotive
- Construction
- Logistics
- Maintenance
- Manufacturing
- Transport
- Warehousing and distribution

UK CA CE

A

OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100

EN 388:2016 4121A

EN 407:2020 X1XXXX

Standard	EN 388:2016 (4121A) EN 407:2020 (X 1 X X X X)
Sizes	7-11
Liner	Cotton/Recycled PET
Gauge	15gg
Coating	Biodegradable Microfoam Nitrile

Warehousing | Construction | Manufacturing

UK CA CE EN 388:2016 4131A

A

TG1140

Key features

- Fine gauge nylon liner offering outstanding dexterity
- A glove of choice for those with sensitive skin as it is OEKO-TEX® approved
- MicroDex coating makes it suitable for dry, damp and oily conditions

Standard	EN 388:2016 (4131A)
Sizes	6-11
Liner	Nylon/Elastane
Gauge	15gg
Coating	MicroDex Nitrile

UK CA CE EN 388:2016 4X43B

B

TG3140

Key features

- MicroDex coating provides safe and reliable grip in wet, dry and oily conditions
- Features a reinforced thumb crotch for enhanced longevity
- Seamless, close fitting and breathable liner offering long lasting comfort

Standard	EN 388:2016 (4X43B)
Sizes	6-11
Liner	HPPE/Nylon/Elastane
Gauge	13gg
Coating	MicroDex Nitrile

UK CA CE EN 388:2016 4X44C

C

TG5140

Key features

- A highly popular glove, proving very comfortable and long lasting
- MicroDex coating provides safe & reliable grip in wet, dry & oily conditions
- Reinforced thumb crotch for extra protection and longevity
- Seamless knitted liner and palm dip coating allows for ultimate breathability

Standard	EN 388:2016 (4X44C)
Sizes	6-11
Liner	HPPE/Glass/Nylon/Elastane
Gauge	13gg
Coating	MicroDex Nitrile

UK CA CE EN 388:2016 4X44C

C

TG5150

Key features

- Extended knit wrist cuff to protect forearm
- Reinforced thumb crotch for enhanced longevity
- Breathable and comfortable liner, reducing wearer fatigue and perspiration
- MicroDex coating makes it suitable for use in dry, wet and oily conditions

Standard	EN 388:2016 (4X44C)
Sizes	8-11
Liner	HPPE/Glass/Nylon/Elastane
Gauge	13gg
Coating	MicroDex Nitrile

NITRILE COATING

TG1170

1

Key features

- Breathable, high comfort liner with added elastane for a close 'second skin' fit
- Palm dipped flat nitrile coating for unrivalled grip in dry conditions

Standard	EN 388:2016 (4131X)
Sizes	6-11
Liner	Nylon/Elastane
Gauge	15gg
Coating	X-Dura Flat Nitrile

TG1500

A

Key features

- Uses a unique blended compound combining good fit and strength with great permeation protection
- Protective glove to EN374-3 Viruses
- Double coated for extended wear life
- Oil resistant with extra chemical protection

Standard	EN 388:2016 (4142A) EN 407:2020 (X2XXXX) EN 374-1:2016 (JKLMNO) EN 374-1 (VIRUS)
Sizes	7-11
Liner	Cotton
Gauge	15gg
Coating	X-Dura Double Dip Nitrile

TG535

C

Key features

- High stretch yarn for enhanced fit and dexterity
- Great protection against mechanical risk
- Effective palm dip coating suitable for multiple conditions

Standard	EN 388:2016 (4X44C)
Sizes	6-11
Liner	HPPE/Glass/Nylon/Elastane
Gauge	13gg
Coating	X-Dura Nitrile

TG6500

D

Key features

- Cut level D protection
- Uses a unique blended compound combining good fit and strength with great permeation protection
- Protective glove to EN374-3
- Double coated for extended wear life
- Oil resistant with extra chemical protection

Standard	EN 388:2016 (4X41D) EN 407:2020 (X1XXXX) EN 374-1:2016 (JKLMNO) EN 374-1
Sizes	7-11
Liner	Cotton
Gauge	15gg
Coating	X-Dura Double Dip Nitrile

TG1060

Key features

- Fully coated waterproof glove with added palm dip for enhanced grip
- Generous knit wrist for comfort and to ensure a secure fit and protects hand from dirt and debris
- Excellent abrasion resistance
- Hot contact resistance up to 250°C

Standard	EN 388:2016 (4131A)
	EN 407:2004 (X2XXXX)
Sizes	7-12
Liner	Nylon
Gauge	13gg
Coating	X-Dura Double Dip Nitrile

TG1072

Key features

- Fully coated waterproof glove with added palm dip for enhanced grip
- Generous knit wrist for comfort and to ensure a secure fit and protects hand from dirt and debris
- Excellent abrasion resistance
- Brushed thermal lining and certified to EN 511 for added cold protection
- Hot contact resistance up to 250°C

Standard	EN 388:2016 (4232A)
	EN 407:2004 (X2XXXX) EN 511:2006 (12X)
Sizes	7-11
Liner	Nylon/Acrylic (brushed internal surface)
Gauge	15gg
Coating	X-Dura Double Dip Nitrile

TG5060

Key features

- Full dip waterproof glove with extra nitrile foam palm for enhanced grip in wet and oily conditions
- Generous knit wrist for comfort and to ensure a secure fit and protects hand from dirt and debris
- Excellent abrasion and tear resistance

Standard	EN 388:2016 (4X42E)
Sizes	7-11
Liner	HPPE/Steel/Glass/rPET/Nylon/Elastane
Gauge	15gg
Coating	X-Dura Double Dip Nitrile

NITRILE COATING

Traffi®
THE HAND PROTECTION **SPECIALISTS**

POLYURETHANE COATING

TG1290

Key features

- Super lightweight 18 Gauge
- Hybrid poly carbon fibre liner.
- PU coating provides superb tactility and high levels of dry grip
- Anti-static
- Touchscreen compatible
- Dirt and abrasion resistant liner

Standard	EN 388:2016 (4121A) ANSI (A1)
	EN 16350:2044
Sizes	6-11
Liner	Polyester/Carbon fibre/Nylon/Elastane
Gauge	18gg
Coating	X-Dura Polyurethane

TG310

Key features

- Fine gauge liner for high levels of dexterity and breathability
- Thin PU palm coating provides good flexibility, yet durable and tear resistant
- Great dry grip
- Generous knit wrist provides secure fit and protects hand from dust & debris

Standard	EN 388:2016 (3X42B) ANSI (A2)
Sizes	6-11
Liner	Nylon/HPPE/Elastane
Gauge	15gg
Coating	X-Dura Polyurethane

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POLYURETHANE COATING

TG1010 A

Key features

- Highly comfortable, breathable liner
- Palm dipped PU coating for great tactility and dry grip
- Excellent abrasion resistance
- Outstanding dexterity

Standard	EN 388:2016 (4131A) ANSI (A1)
Sizes	6-11
Liner	Nylon
Gauge	15gg
Coating	X-Dura Polyurethane

TG3010 B

Key features

- Breathable seamless liner for great comfort
- Palm dipped PU makes it a great general use glove in dry conditions
- Good dry grip and abrasion resistance

Standard	EN 388:2016 (4X43B) ANSI (A2)
Sizes	6-11
Liner	Nylon/HPPE/Elastane
Gauge	13gg
Coating	X-Dura Polyurethane

TG5010 D

Key features

- Highly cut resistant
- Breathable seamless liner to eliminate perspiration
- Provides excellent grip and abrasion resistance in dry conditions

Standard	EN 388:2016 (4X43D) ANSI (A4)
Sizes	6-11
Liner	Nylon/Polyester/HPPE/Steel/Elastane
Gauge	13gg
Coating	X-Dura Polyurethane

TG6010 F

Key features

- Highest level of cut protection according to EN388:2016
- Impressive comfort, dexterity and flexibility
- Seamless knitted 15 gauge liner for enhanced breathability
- Touchscreen compatible

Standard	EN 388:2016 (4X42F) ANSI (A6)
Sizes	6-12
Liner	Nylon/HPPE/Steel/Elastane
Gauge	15gg
Coating	X-Dura Polyurethane

Traffi®
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POLYURETHANE COATING

TG1210 A

Key features

- Close fitting and breathable PU glove
- Good durability and dry grip
- Available with 3 exposed fingertips if further dexterity required

Standard	EN 388:2016 (3X31A)
Sizes	6-12
Liner	Polyester
Gauge	15gg
Coating	X-Dura Polyurethane

TG3210 B

Key features

- Close fitting and breathable PU glove
- Good durability and grip in dry conditions
- Available with 3 exposed fingertips if further dexterity required

Standard	EN 388:2016 (4X43B) ANSI (A2)
Sizes	6-12
Liner	Nylon/HPPE/Elastane
Gauge	13gg
Coating	X-Dura Polyurethane

TG5210 C

Key features

- Close fitting and breathable PU glove
- Great cut resistance, durability and dry grip
- Available with 3 exposed fingertips if further dexterity required

Standard	EN 388:2016 (4X43C) ANSI (A3)
Sizes	6-12
Liner	Nylon/Polyester/HPPE/Glass/Elastane
Gauge	13gg
Coating	X-Dura Polyurethane

TG105

Key features

- Flexible and very comfortable
- Excellent dexterity
- Close fitting
- One size fits all

Standard	N/A
Sizes	One size
Liner	Cotton/Elastane
Gauge	10gg
Coating	N/A

Traffi®
THE HAND PROTECTION **SPECIALISTS**

POLYURETHANE COATING

TG1220 A

Key features

- 3 open fingertips for enhanced dexterity and detail tasks
- Durable X-Dura PU coating
- Lightweight and breathable liner

Standard	EN 388:2016 (4131A)
Sizes	6-11
Liner	Nylon
Gauge	13gg
Coating	X-Dura Polyurethane

TG3220 B

Key features

- 3 open fingertips for enhanced dexterity and detail tasks
- Durable X-Dura PU coating
- Lightweight and breathable liner

Standard	EN 388:2016 (4X43B)
Sizes	6-11
Liner	Nylon/HPPE/Elastane
Gauge	13gg
Coating	X-Dura Polyurethane

TG5220 C

Key features

- Level C cut protection
- 3 open fingertips for enhanced dexterity and detail tasks
- Durable X-Dura PU coating
- Lightweight and breathable liner

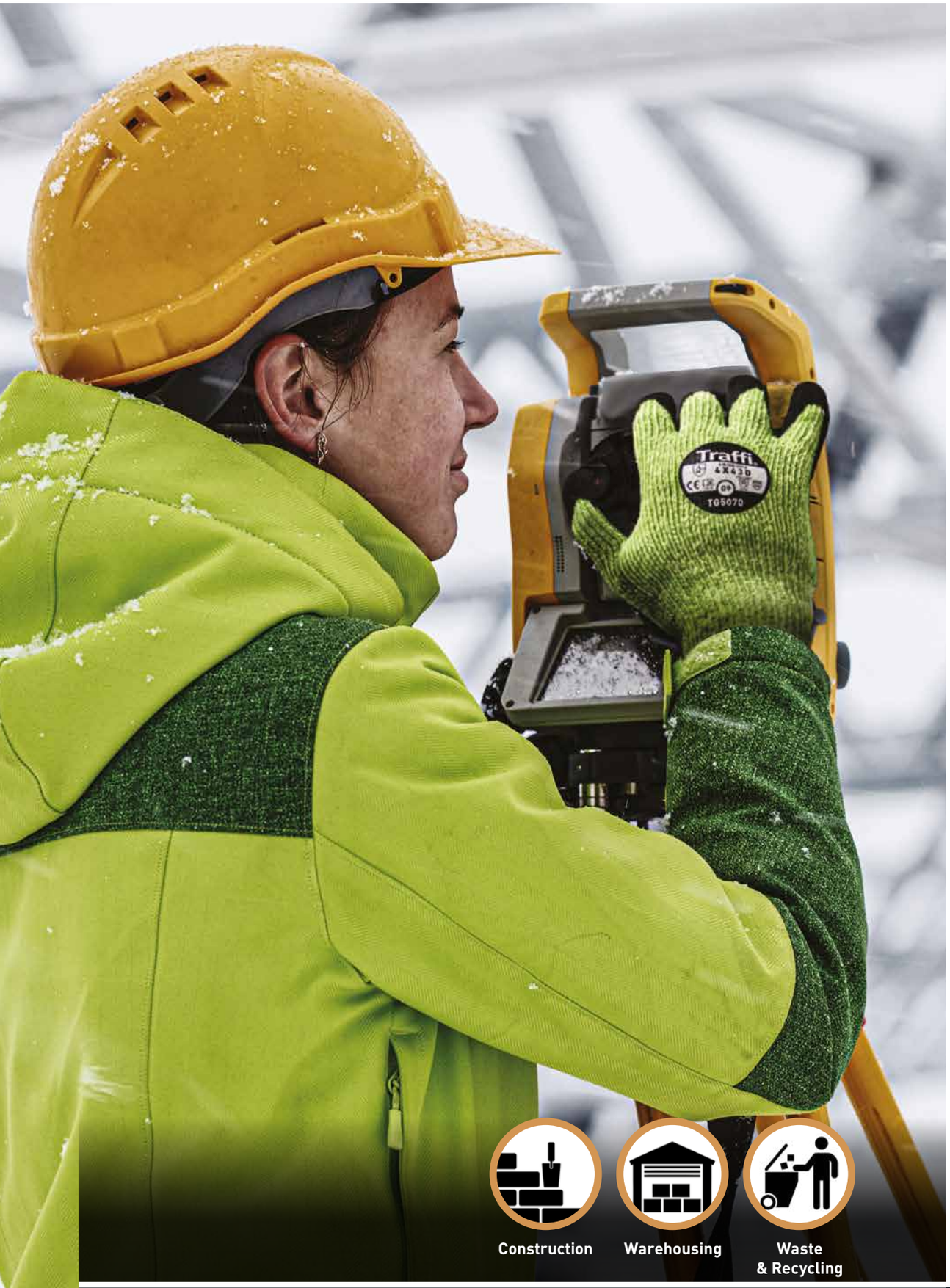
Standard	EN 388:2016 (4X43C)
Sizes	6-11
Liner	Nylon/Polyester/HPPE/Glass/Elastane
Gauge	10gg
Coating	X-Dura Polyurethane

TGSL1 D

Key features

- 15gg ultra lightweight level D sleeve
- 18 extra inches of seamless cut protection
- Ambidextrous, with a thumb hole
- Elasticated bicep cuff to keep the sleeve in place

Standard	EN 388:2016 (1X4XD)
Sizes	One size - 18 inches
Liner	Nylon/Polyester/HPPE/Steel/Glass/Elastane
Gauge	15gg
Coating	N/A



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TG1050

Key features

- Fine gauge liner with elastane content for ultimate user comfort
- X-Dura latex coating for superb grip
- Proven durability in rugged environments

Standard	EN 388:2016 (3131X)
Sizes	6-11
Liner	Nylon/Elastane
Gauge	15gg
Coating	X-Dura Latex

TG1850

Key features

- Fully coated waterproof glove with added palm dip for enhanced grip
- Generous knit wrist for comfort and to ensure a secure fit and protects hand from dirt and debris
- 18 gauge seamless knitted liner for excellent dexterity

Standard	EN 388:2016 (2141A)
	EN 407:2020 (X1XXXX)
Sizes	7-11
Liner	Nylon/Elastane
Gauge	18gg
Coating	X-Dura Double Dip Latex

TG5070

Key features

- A single layer thermal glove that delivers dexterity and high levels of wearer comfort
- Brushed acrylic liner to keep hands warm whatever the weather
- X-Dura latex palm coating for optimum grip

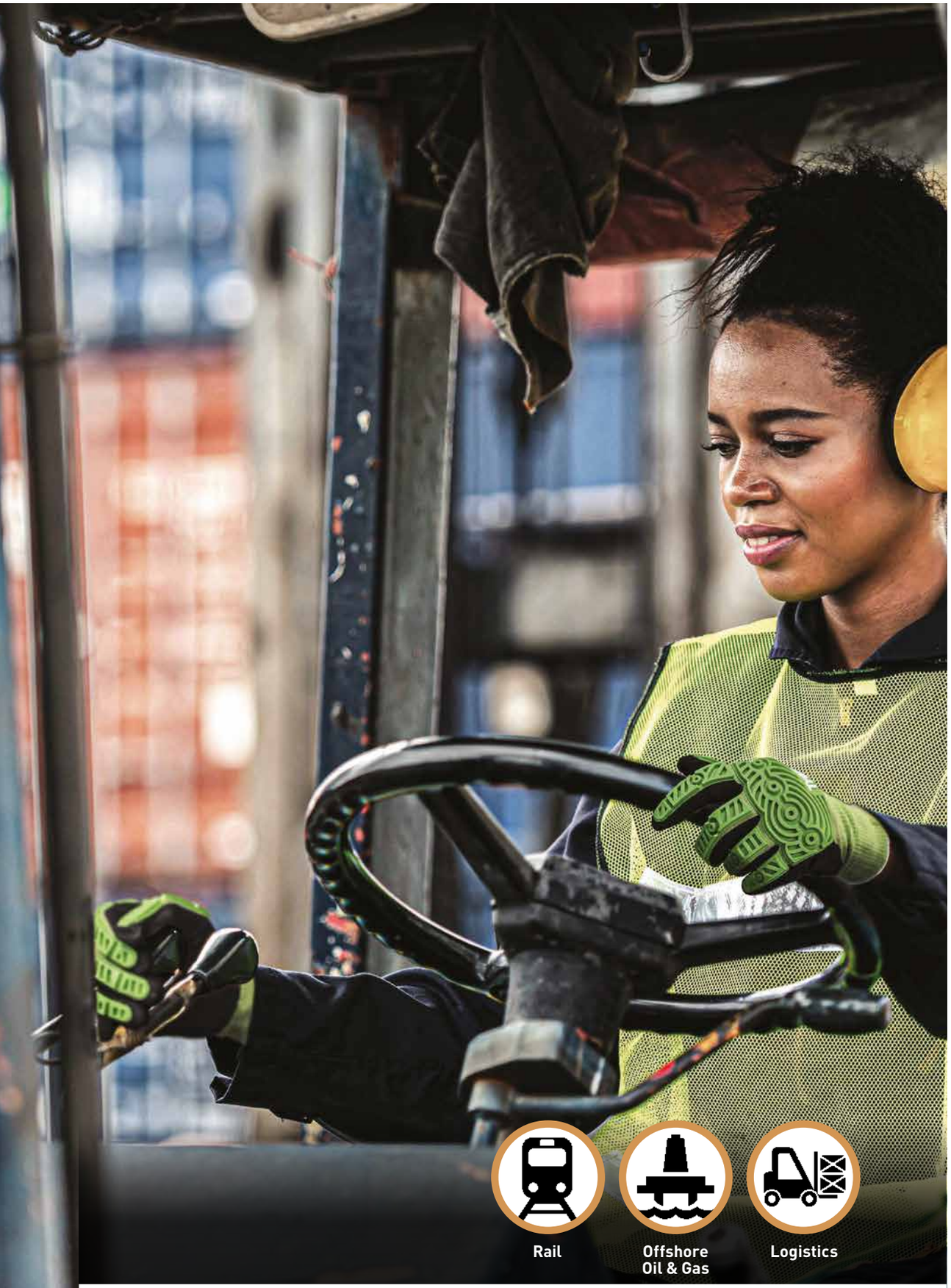
Standard	EN 388:2016 (4X42D) ANSI (A4)
	EN 511:2006 (X2X)
Sizes	6 -11
Liner	Acrylic/HPPE/Glass
Gauge	7gg
Coating	X-Dura Matt Latex

TG5570

Key features

- Highest level of cut protection according to EN388:2016
- Impressive comfort flexibility
- Seamless knitted 10 gauge liner for enhanced breathability
- Great dexterity and high cut level for outdoor environment
- Water resistant and thermal - perfect for winter weather

Standard	EN 388:2016 (3X42F) ANSI (A6)
	EN 511:2006 (X1X)
Sizes	7 -11
Liner	Acrylic/HPPE/Steel/Nylon/Polyester/Elastane
Gauge	10gg
Coating	X-Dura Double Dip Latex



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TG5130

D

Key features

- Heat resistant mono-filament aramid liner
- Cohesion carbon coating offers a highly durable and resilient barrier
- Excellent grip
- Reinforced thumb crotch for improved durability and longevity

Standard	EN 388:2016 (4X43D) ANSI (A4)
	EN 407:2020 (X122XX)
Sizes	6-11
Liner	Aramid/Glass fibre/Polyester/Elastane
Gauge	13gg
Coating	Nitrile Rubber

TG5545

E

Key features

- Level E cut resistant liner - high level 360 cut resistance performance with great fit and general comfort
- Level P impact protection with unique Traffi design seamlessly welded to the liner - maximum impact protection, dexterity, comfort and durability
- Nitrile re-inforcement thumb crotch
- Sandy nitrile foam palm dip
- DWR treatment to liner for water repellence

Standard	EN 388:2016 (4X43EP)
	ANSI (A5)
Sizes	6-11
Liner	Polyester/HPPE/Steel/Elastane
Gauge	13gg
Coating	X-Dura Sandy Nitrile

TG5180

D

Key features

- Grainy finish neoprene coating for improved grip
- Arc flash rating of 8.6 cal/cm2
- Excellent oil, grease, glue and chemical resistance
- Highly durable

Standard	EN 388:2016 (3X43D) ANSI (A3)
	EN 407:2004 (42322X)
Sizes	7-11
Liner	Aramid/Glass & Acrylic
Gauge	10gg
Coating	Nitrile & Chloroprene

TG5580

D

Key features

- Embossed leather palm, finger, and thumb section
- Embossed grip for abrasion, and thorn resistance
- Extended cuff & wrist guard for increased protection
- Oil block treatment creating a waterproof glove for all weathers

Standard	EN 388:2016 (3X22D) EN 511:2006 (X1X) EN 407:2004 (41324X)
Sizes	8-13
Liner	Para-aramid cotton fee interlock
Gauge	N/A
Coating	Leather

UNDERSTANDING GLOVE MARKINGS

UKCA marking, coming into effect as of 01/01/2023, Traffi will be fully compliant.

CE Mark

The CE Mark assures compliance with European legislation.

Information Pictogram

The information pictogram indicates the availability of the user information, which consists of:

- The supplier
- Glove designation
- Sizing
- Applicable glove standards and ratings
- Limitations
- Listing of any known allergy
- Care and cleaning instructions
- Shelf life if under 12 months from manufacture
- Relevant accessories
- Special transport packaging if required

INTRODUCING EN ISO 21420

EN 21420 has been introduced as a replacement for EN420 and ensures the materials manufacturers of PPE use in their products do not adversely affect the health or safety of the user. It also responds to the growing trend in standardisation to address the topic of 'innocuousness' and take into consideration the requirements of the EU PPE Regulation as ISO 21420, helping to address the Essential Health & Safety aspects of Annex II. It also provides further alignment with the Registration, Evaluation, Authorisation and Restriction of Chemicals, legislation on hazardous substances or substances of very high concern.

Key Changes Manufacturers Need To Be Aware Of

- Introduction of a new pictogram for electrostatic properties EN 16350
- Removal of the protein content test in natural rubber gloves
- Introduction of date of manufacture markings
- Removal of minimal glove length requirements, unless required by a specific standard i.e. welding gloves
- Other subtle changes concerning information for users, additional information on donning/doffing, product integrity checks before use

Key Requirements

- Chromium VI content in leather should be no more than 3mg/kg (Test method EN 17075)
- Any metallic materials that could come into contact with the skin shall not release nickel in more than 0.5µg/cm2 per week (Test method EN 1811).
- Azo colorants which release carcinogenic amines shall not be detectable (Test method ISO 17234-1 leather or ISO 14362-1 textile).
- pH value shall be between 3.5-9.5 (Test method ISO 4045 leather or ISO 3071 textile).
- DMFa (dimethylformamide) shall not exceed 0.1% weight/weight (Test method prEN 16778).
- The levels of performance should be based on the lowest results obtained before and after cleaning cycles (consideration of care instructions for testing).
- For gloves worn in ATEX environments, the electrostatic properties shall be tested (Test method EN 16350).

Important Glove Marking Changes

Each protective glove shall be marked with:

- Manufacturer's name and postal address
- Glove designation
- Size designation
- Date of manufacturing (month and year)

UNDERSTANDING EN 388:2016+A1:2018

Standard For Gloves Protecting Against Mechanical Risks

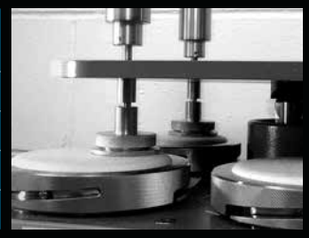
EN 388:2016 is a widely-recognised standard which safety gloves are commonly tested against across a huge range of industries. Any glove in the market which is categorised as cut-resistant should be marked to this standard. The EN 388:2016 standard uses index values to rate the performance level of a glove in protecting the user against mechanical risks.

- **Abrasion** (1-4) (Updated for 2016)
- **Coupe Blade Cut Test** (1-5)
- **Tear** (1-4)
- **Puncture** (1-4)
- **EN ISO 13997** (A-F) (New for 2016)
- **Impact** (New for 2016)

EN 388:2016

ABRASION TEST

ABRASION RESISTANCE (CYCLES)	PERFORMANCE LEVEL RATING
100	1
500	2
2000	3
8000	4



UPDATED: ABRASION PAPER

This test is carried out through the Martindale Abrasion Machine. A sample material is cut from the palm of the glove and fitted to a rubbing head of fixed size and weight. This is moved in an elliptical motion over a table covered with abrasion paper. The performance level of the glove is measured by the number of abrasion cycles required to 'hole' the material. Four samples are tested in this way, with the overall performance level decided by the lowest result.

EN 388:2016

TEAR TEST

TEAR RESISTANCE (NEWTONS)	PERFORMANCE LEVEL RATING
10	1
25	2
50	3
70	4

TEAR RESISTANCE

In this test, four samples from the palm of the glove are clamped in a standard tensile strength testing machine. The jaws move apart at a speed of 100mm per minute and from this the force required to tear the sample is measured. Performance levels range from 1 (resistance of peak force between 10N and 25N) to 4 (tear strength is at least 70N). For single materials, the level is decided by the lowest result of the four tests. For multiple, unbonded layers, each layer must be tested individually and the level is based on the lowest individual result of the most tear resistant material.

EN 388:2016

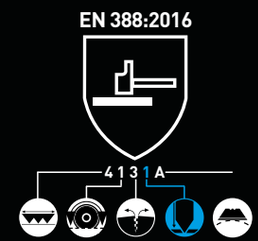
COUPE TEST

CUT INDEX	PERFORMANCE LEVEL RATING
1.2	1
2.5	2
5	3
10	4
20	5

COUPE TEST

Up until now, the 'Coupe Blade Cut Test' has been the standard test method for cut protection. A rotating circular blade moves horizontally to-and-fro across a fabric sample with a fixed force of 5 Newton's (N) applied from above. The test ends when the blade breaks through the sample material and the result is specified as an index value. This result is determined by the cycle count needed to cut through the sample and additionally by calculating the degree of wear and tear on the blade. This represents an exposure type cut risk in the workplace.

EN 388:2016



PUNCTURE TEST

PUNCTURE RESISTANCE (NEWTONS)	PERFORMANCE LEVEL RATING
20	1
60	2
100	3
150	4

PUNCTURE RESISTANCE

This test consists of a compression test machine which pushes a rounded stylus 50mm (the size of a standard roofing nail) into the sample cut from the palm of the glove at a speed of 100mm per minute. From this, the maximum resistance force is recorded. Performance levels range from 1 (puncture resistance force of between 20N and 60N) to 4 (measured resistance of at least 150N). These levels are decided by the lowest of four test results.

EN ISO 13997 CUT TEST

For safety gloves created with materials designed to have a blunting effect on blades, additional cut protection tests must now be carried out and verified. Any sample fabric testing for cut resistance using the 'Coupe Blade Cut Test', which blunts the blade during the test, will be marked with an X and tested using the EN ISO test. This is to ensure the degree of protection provided by the glove is as accurate as possible.

The objective of the EN ISO 13997 cut test is to determine the resistance of the safety glove by applying the sample fabric with great force in a single movement, a better representation to the pressure type cut risk experienced in the workplace. To this end, a sharp-edged blade is dragged over the sample fabric once. This allows the accurate calculation of the minimum force required to cut the sample material at a thickness of 20mm. The result is displayed in Newton's. There are 6 cut levels identified in the new EN ISO cut method.

EN 388:2016

Level	EN ISO Cut Resistance
A	2 Newtons 204gms
B	5 Newtons 505gms
C	10 Newtons 1020gms
D	15 Newtons 1530gms
E	22 Newtons 2243gms
F	30 Newtons 3059gms

EN 511:2006 PROTECTING AGAINST COLD

The EN 511 symbol displays how much protection a glove will provide against cold risks. Alongside the symbol, there will be three numbers:

EN 511:2006

Digit: A B C
Result: 4 3 1

Digit	Test	Marking on glove
A	Resistance to convective cold (0-4)	4
B	Resistance to contact cold (0-4)	3
C	Water penetration after 30 minutes (1 = pass, 0 = fail)	1

EN 407:2020 PROTECTING AGAINST THERMAL RISKS

The EN 407 standard measures a glove's thermal resistance against six different tests. The results are shown on the pictogram on a scale of 1 (lowest) to 4 (highest), in the following order:

EN 407, like other PPE glove standards, requires the glove to be marked with a symbol (pictogram) showing the performance levels of the standard that have been met. The 2020 version of the standard introduced a second pictogram to replace the pictogram used within the previous version of the standard under certain conditions.

The previously-used pictogram (top right) which incorporates a 'flame' icon is now used to label a product that is claimed to limited flame spread level to at least a Level 1 performance. The manufacturer may also claim other properties at the achieved levels. The new pictogram (right right) is now used to label a product that is not claimed to limit flame spread. The manufacturer must claim at least one other property up to Level 2, and the marking of a product with both pictograms is forbidden.

EN 407:2020

Digit: A B C D E F
Result: 4 2 3 2 2 X

EN 407:2020

Digit: A B C D E F
Result: X 1 X X X X

Digit	Test	Results measured in:	Results 1	2	3	4
A	After-burn time	Seconds	↖ 20	↖ 10	↖ 3	↖ 2
A	After-glow time	Seconds	infinity	↖ 120	↖ 25	↖ 5
B	Contact heat	Temp in °C after 15sec	100°	250°	350°	500°
C	Convective heat	Seconds	↖ 4	↖ 7	↖ 10	↖ 18
D	Radiant heat	Seconds	↖ 5	↖ 30	↖ 90	↖ 150
E	Drops of molten metal	Number of drops	↗ 5	↗ 15	↗ 25	↗ 35
F	Molten metal	Gram	30	60	120	200

UNDERSTANDING COATINGS

By using new and proven technologies, Traffi is at the forefront of product innovation, ensuring we offer our customers the best possible protection at the best value.

MICRODEX
Technically engineered, highly dexterous microfoam coating combined with state-of-the-art fine gauge high performance yarn technology. Provides premium comfort, dexterity and tactility.

MicroDex Nitrile:

- Impressively fine palm dip coating which offers excellent protection against abrasion, punctures, cuts and snags.
- Whilst not flame-resistant*, it performs well in a range of temperatures between -4°C and 149°C.
- Great coating to provide protection against chemicals, oils, greases, & fats.
- Delivers high comfort levels and can be used in a wide range of environments.

X-DURA
Dependable and reliable coating and liner technology you can count on, built on our years of expertise in the glove world.

X-Dura Nitrile

- Foamed nitrile gives the coating a sponge-like property, great for when in contact with smooth, oily surfaces. In effect, any surface oil is soaked up and displaced, meaning grip can be significantly improved.
- Flat nitrile coatings provide a high level of oil and water resistance. Additionally, they offer good grip in dry conditions and solid durability with minimal micron thickness. Also can be combined as a knuckle or wrist dip first coat under a foam palm coating to provide a highly durable oil and water resistant double dip coating.

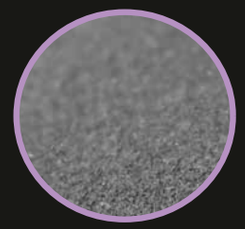
X-DURA PU

- Seen as the ideal choice of coating for cut-resistant gloves in dry conditions.
- Typically soft and stretchy properties allowing great flexibility.
- Good puncture and abrasion resistance yet remaining very thin allowing optimum tactility.
- Very resilient and durable.
- Excellent general purpose, multi-industry coating that works particularly well for light manufacturing and small part assembly type operations.

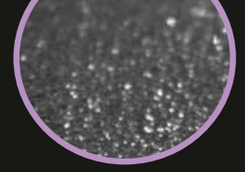
X-DURA LATEX

- Latex has very high elasticity and outstanding grip, especially when it has been processed to form a crinkled surface.
- Crinkle surface styles not only offer great grip, but also cut and tear resilience.
- Ideal for use in handling rough wood, boxes, cut stone, scrap metal, and concrete block.
- Good durability and strength, and is able to withstand extreme temperature.
- The waterproof nature of latex coatings makes it suitable for handling wet machinery/ components.

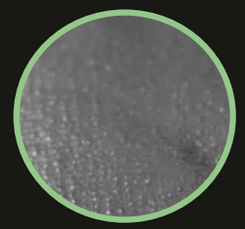
*EN 407 test requirements will apply.



MICRODEX NITRILE



X-DURA NITRILE



X-DURA PU

X-DURA LATEX