OnSite support

everybody matters

A SUSTAINABLE FUTURE IN HAND PROTECTION

Traffi®

THE HAND PROTECTION **SPECIALISTS**

WHAT'S NEW FOR 2021?

THE WORLD'S FIRST CARBON NEUTRAL SAFETY GLOVE RANGE

Upgrade on LXT to include HEIQ Viroblock, antimicrobial protection. STOP THE SPREAD.

INNOVATION SUSTAINABILITY QUALITY PASSION

REDUCED PLASTIC PACKAGING

As part of our sustainability journey, during 2021 we are on a mission to remove all plastic.

INTRODUCING TD02 SUSTAIN

Our Tri Polymer blend bio-degradable disposable glove. The future in sustainable disposable gloves.

Food Approved

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WELCOME TO THE 2021 CATALOGUE

Hand Protection Specialists committed to sustainability and innovation.

As the original inventors of the 3 colour TraffiSystem, we continue to lead the way through our customer centric approach & dedication to delivering 'Best in Class' products.

In this catalogue you'll find our latest products, alongside the technical specifications. This will enable you to ensure you're providing your employees with the best protection and comfort, they deserve.

Our passion and appetite in leading the way in sustainability remains our foundation for the future. We're on a journey, and further chapters of our great story will follow during 2021. We are here to share best practise and support our clients with tangible evidence of our sustainability story, as well as helping you to achieve your own corporate sustainability goals.

When you rely on industry experts who are renowned for reducing hand injuries and increasing wearer engagement, selecting the correct hand protection will no longer be a drawn out process. We're Traffi. We're here to help.

Enjoy reading!

CONTENTS

Traffi & Onsite work closely together to keep your hands protected and to ensure the **Onsite** values are upheld.

As a partnership we are committed to **learning and innovation**, providing you with the latest innovation in hand protection, from the **LXT** range to **TD02**. **We strive for excellence**.

We **look after our clients** and if there is a challenge we will work with you in order to find a solution. We promise to approach every interaction with a **'can do' attitude** and to go the extra mile for you.

We are excited to share with you the Traffi range we have on offer.

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Traffi are the inventors of the colour-coded system and are still at the forefront of innovation.

THE TRAFFI SYSTEM

It's been over a decade since Traffi launched the revolutionary colour-coded safety glove system - where does time go?

To reduce workplace accidents, it is vital to ensure that everyone is wearing the right PPE. The TraffiSystem was developed as a simple and common-sense approach to raising safety awareness. It's so easy! The TraffiSystem is a straightforward way to implement and enforce a safety glove policy. It's visual, memorable and universally understandable.

We're here to help promote buy-in to your hand protection programme. We ensure that we fully understand our customers needs. We offer glove audits, trials, product training, toolbox talks, free samples, glove posters, and other bespoke collateral to help make selection and compliance easier.

We pride ourselves on making your transition to Traffi as seamless as possible, like our gloves.

RED
CUT LEVEL
WARNING
LOWER CUT PROTECTION

AMBER
CUT LEVEL
BE AWARE
MEDIUM CUT PROTECTION

GREEN
CUT LEVEL
SAFE TO GO
HIGHER CUT PROTECTION

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GLOBAL STANDARDS
WORKING WITH THE TRAFFISYSTEM

EN 388:2016+A1:2018	RED LOWER CUT PROTECTION	AMBER MEDIUM CUT PROTECTION	GREEN HIGHER CUT PROTECTION			
	A	B	C	D	E	F
	2 Newtons 204gms	5 Newtons 505gms	10 Newtons 1020gms	15 Newtons 1530gms	22 Newtons 2243gms	30 Newtons 3059gms
ASTM/ANSI	ASTM ANSI CUT LEVEL A1	ASTM ANSI CUT LEVEL A2	ASTM ANSI CUT LEVEL A3	ASTM ANSI CUT LEVEL A4	ASTM ANSI CUT LEVEL A5	ASTM ANSI CUT LEVEL A6
	200-499 gms to cut	500 - 999 gms to cut	1000 - 1499 gms to cut	1500 - 2199 gms to cut	2000 - 2999 gms to cut	3000 - 3999 gms to cut

EN 388:2016+A1:2018
This is the updated standard For Gloves Protecting Against Mechanical Risks.
More detailed information for these standards can be found on page 39.

ASTM-ANSI
ANSI/ISEA stands for American National Standards Institute/International Safety Equipment Association. This is a US voluntary industry consensus standard only. ANSI/ISEA 105-2016 is the latest revision which now specifies only one single cut test method can be used (ASTM F2992-15).

The cut test works exactly the same for both standards (ANSI and EN ISO 13997) but it's the way they're measured that differs. While the A1-A9 scale is comparable to the EN 388 A-F levels, ANSI/ISEA extends their scale by three levels to 6000 grams to report high cut materials more accurately.

THE WORLD'S FIRST CARBON NEUTRAL SAFETY GLOVE RANGE

Best in class in hand protection, certified carbon neutral.

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

Our carbon neutral story just for you

The LXT range has a net zero carbon footprint. This covers raw material, knitting, manufacturing, shipping to the UK and on to the customer delivery point.

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**

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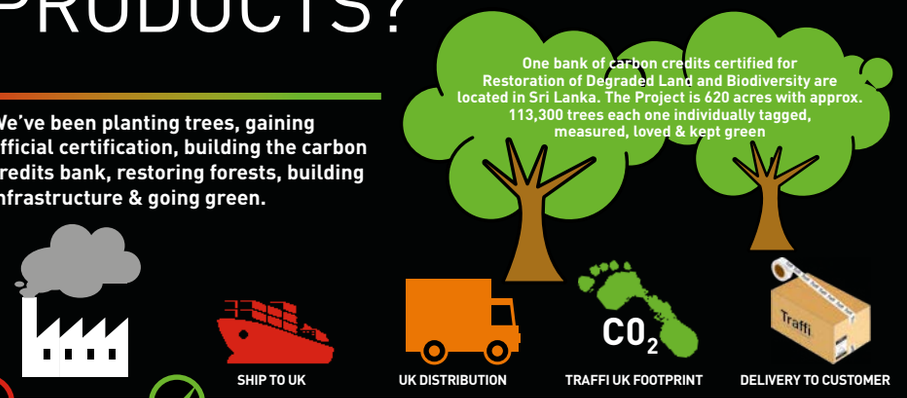
HOW DID WE ACHIEVE CARBON NEUTRAL PRODUCTS?

SINCE 2015

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

One bank of carbon credits certified for Restoration of Degraded Land and Biodiversity are located in Sri Lanka. The Project is 620 acres with approx. 113,300 trees each one individually tagged, measured, loved & kept green



2019

We couldn't offset this part

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 & 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.

2021 ONWARDS

We've committed to reducing our Footprint on every pair produced, protecting the environment, and in everything we do. There are more chapters to follow, make sure you keep in touch.

Traffi – getting customers started with Carbon Neutral PPE.

THE KEY INFO TO REMEMBER

- Traffi as a company is certified Carbon Neutral. • LXT is Carbon Neutral via Carbon Inset certification.
- Traffi can deliver LXT Gloves to your site/location with a Net Zero Carbon Footprint. This means when you come to measure your own business Carbon Footprint we've already taken care of Hand Protection for you.

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LXT® LIFE EXTENDING TECHNOLOGY

The LXT range is certified carbon neutral.

This means at no extra cost, your LXT glove has zero negative impact on the environment, to the point of delivery. Making sure that we're all doing our bit to solve some of the big challenges facing our planet.

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THE LXT RANGE KEY FEATURES

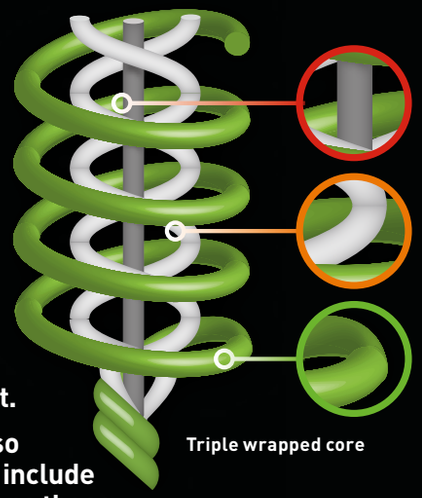
START TRIAL

- Net zero carbon footprint
- Conforms to EN 388:2016
- Resistance to oil & water
- Conforms to EN 407:2004
- Washable to 30°C
- Traffi safety in colours
- Plastic free packaging
- Touchscreen capability TG6240
- Antimicrobial Stop the Spread
- Comfort & durability
- Reduction in cost in usage
- Traffi quality promise
- Reduction in waste & landfill
- Made in Sri Lanka

Plastic free and antimicrobial are being phased in during 2021

WHY LXT IS GREAT
QUALITY & VALUE

We use the best quality yarn. A patented unique triple wrapped core design with LXT coating, ensure premium comfort & longer lasting product.



Triple wrapped core

Our patented LXT coating is also being upgraded during 2021 to include antimicrobial coating. This means these products won't become contaminated with viruses, stopping the spread, naturally.

Every pair is quality checked and is backed by our Traffi 100% satisfaction guarantee commitment.

TDS600 HAND & GLOVE SANITISER

CLICK HERE for a leaflet

The LXT range is also compatible with our TDS600 sanitiser. Using this on the glove will not degrade the coating. Helping you to stay protected from germs and viruses, whilst also protecting others.

FULLY CERTIFIED
EVEN AFTER WASHING

- Quick drying
- EN 388 tested to 3 washes
- Protection against microbes and germs up to 20 washes
- Wash in a machine or under a tap

THE SUSTAINABLE CHOICE

Carbon neutral product - certified as net zero carbon footprint to the point of delivery

Longer lasting product has proven to reduce costs and reduce waste to landfill

Best in class product, for comfort and dexterity leading to greater user engagement

Backed with the Traffi 100% satisfaction guarantee commitment, providing complete peace of mind

Antimicrobial coating tested up to 20 washes, provides the ultimate value and unrivalled safety standards

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THE LXT FAMILY

View the LXT range on our website

LXT® LIFE EXTENDING TECHNOLOGY

CERTIFIED CARBON NEUTRAL

CLICK HERE to find out about PLUS

CLICK HERE for LXT brochure

REQUEST YOUR FREE GLOVE SAMPLE

Key

Dry · Wet · Oily · Heat · Cold · Chemical

BEST IN CLASS GLOVES FEATURING LXT FOR OPTIMUM COMFORT AND DEXTERITY

Here are a few of the applications this glove has worked well in:

Engineering · **Mechanical & Electrical** · **Waste & Recycling**

GLTG1240

CLICK HERE for a Datasheet

EN 388:2016 4142A · ASTM ANSI CUT LEVEL A1 · EN 407:2004 X1XXXX

Key features

- High tenacity nylon liner with optimum tensile strength and cut resistance
- Palm dip MicroDex coating and thumb crotch for further longevity and abrasion resistance
- Hot contact resistance up to 100°C
- Dexterous, highly tactile, and breathable

EN 388	4142A
Sizes	6-11
Liner	Nylon/Elastane
Gauge	15gg
Coating	MicroDex Nitrile
Conditions	

GLTG3240

CLICK HERE for a Datasheet

EN 388:2016 4X43B · ASTM ANSI CUT LEVEL A2 · EN 407:2004 X1XXXX

Key features

- MicroDex coating provides great oil resistance and grip
- Hot contact resistance up to 100°C
- LXT treatment for water, oil and dirt resistance and reduced staining
- Reinforced thumb crotch for enhanced longevity
- Carbon neutral, dexterous, highly tactile, and breathable.

EN 388	4X43B
Sizes	6-11
Liner	Polyester/HPPE/Nylon Glass/Elastane
Gauge	15gg
Coating	MicroDex Nitrile
Conditions	

GLTG5240

CLICK HERE for a Datasheet

EN 388:2016 4X43C · ASTM ANSI CUT LEVEL A3 · EN 407:2004 X1XXXX

Key features

- LXT Engineering triple wrapped core for enhanced cut protection and a soft touch for the wearer
- MicroDex coating provides great oil resistance and grip
- Hot contact resistance up to 100°C
- Reinforced thumb crotch for longevity
- A breathable seamless liner, delivering ultimate comfort and flexibility

EN 388	4X43C
Sizes	6-11
Liner	Polyester/HPPE/Glass Nylon/Elastane
Gauge	15gg
Coating	MicroDex Nitrile
Conditions	

GLTG6240

CLICK HERE for a Datasheet

EN 388:2016 4X44E · ASTM ANSI CUT LEVEL A5 · EN 407:2004 X1XXXX · TOUCHSCREEN READY

Key features

- LXT Engineering triple wrapped core for extra cut protection and a soft luxurious feel for the wearer
- Hot contact resistance up to 100°C
- Reinforced thumb crotch for longevity
- A breathable 15gg liner, offering impressive dexterity and tactility whilst offering high cut protection
- Touchscreen compatible

EN 388	4X44E
Sizes	6-11
Liner	Polyester/HPPE/Glass Steel/Nylon/Elastane
Gauge	15gg
Coating	MicroDex Nitrile
Conditions	

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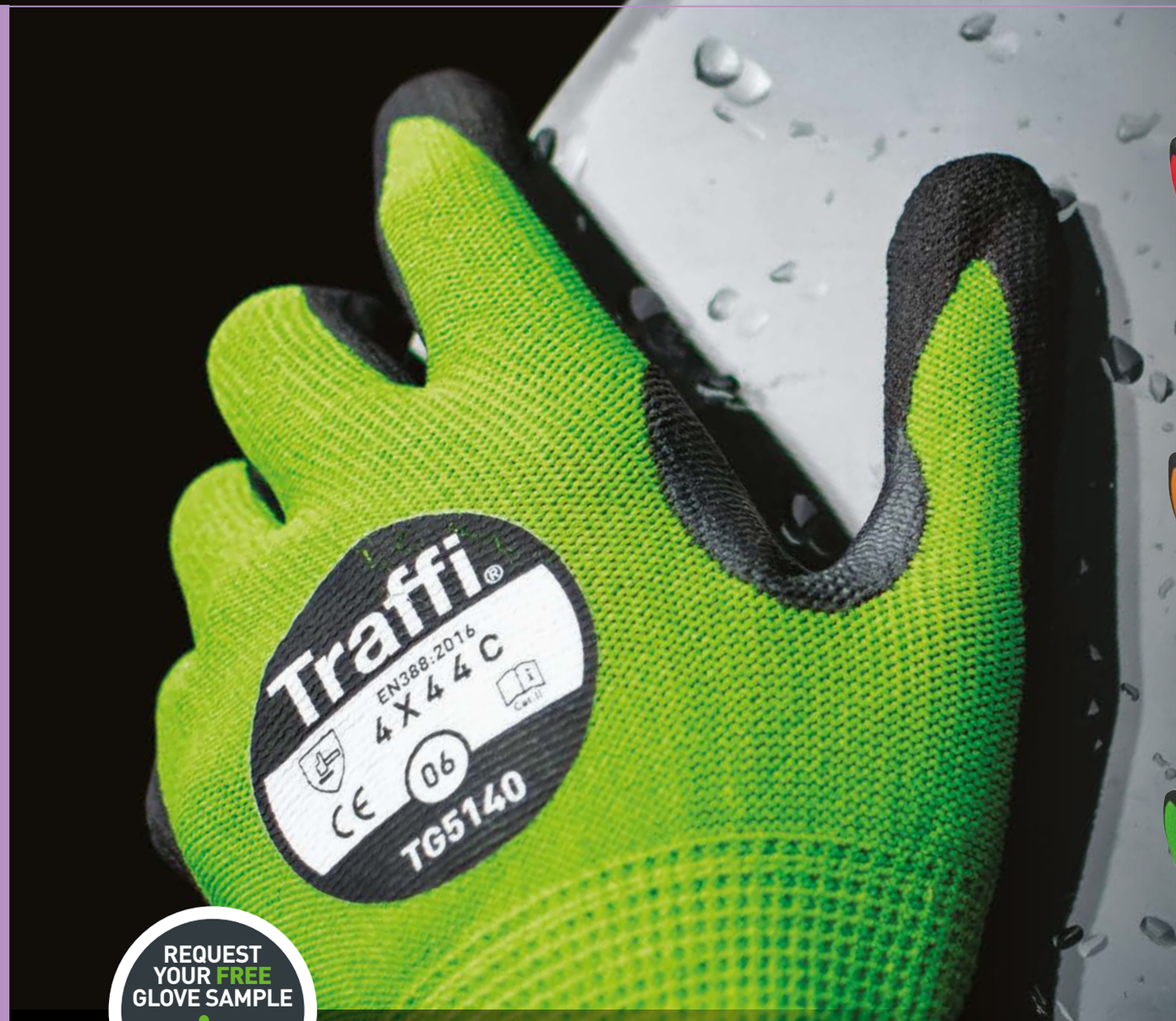

REQUEST YOUR FREE GLOVE SAMPLE

FINE GAUGE HIGH TECH MICRODEX GLOVES WITH ENHANCED DEXTERITY AND GREAT ABRASION

Here are a few of the applications this glove has worked well in:

Manufacturing · Automotive · Engineering

Key

Dry · Wet · Oily · Heat · Cold · Chemical

GLTG1140

CLICK HERE for a Datasheet

EN 388:2016 4131A

Key features

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

EN 388	4131A
Sizes	6-11
Liner	Nylon/Elastane
Gauge	15gg
Coating	MicroDex Nitrile
Conditions	

GLTG3140

CLICK HERE for a Datasheet

EN 388:2016 4X43B

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

EN 388	4X43B
Sizes	6-11
Liner	Nylon/HPPE/Elastane
Gauge	13gg
Coating	MicroDex Nitrile
Conditions	

GLTG5140

CLICK HERE for a Datasheet

EN 388:2016 4X44C

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

EN 388	4X44C
Sizes	6-11
Liner	Nylon/HPPE/Glass/Elastane
Gauge	13gg
Coating	MicroDex Nitrile
Conditions	

OnSite support

REQUEST YOUR **FREE** GLOVE SAMPLE

Key

Dry · Wet · Oily · Heat · Cold · Chemical

COMFORTABLE X-DURA NITRILE GLOVES FOR USE IN MULTIPLE CONDITIONS

Here are a few of the applications this glove has worked well in:

Construction · **Engineering** · **Waste & Recycling**

OnSite support

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GLTG1170

CLICK HERE for a Datasheet

EN 388:2016 — 4 1 3 1 X

Key features

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

EN 388	4131X
Sizes	6-11
Liner	Nylon/Elastane
Gauge	15gg
Coating	X-Dura Flat Nitrile
Conditions	

GLTG535

CLICK HERE for a Datasheet

EN 388:2016 — 4 X 4 4 C

Key features

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

EN 388	4X44C
Sizes	6-11
Liner	Nylon/HPPE/Glass/Elastane
Gauge	13gg
Coating	X-Dura Nitrile
Conditions	

"I would highly recommend Traffi gloves products, but not only that but the support they have provided us has been invaluable. With a seamless transition to the new policy"

Keith Oaks,
Head of SHEQ, Finnings

THE WORLD'S FIRST CARBON NEUTRAL SAFETY GLOVE RANGE

SEE PAGE 15

LXT® LIFE EXTENDING TECHNOLOGY

OnSite support

REQUEST YOUR FREE GLOVE SAMPLE

Key

Dry · Wet · Oily · Heat · Cold · Chemical

COMFORTABLE FULLY DIPPED GLOVES FOR WATER RESISTANCE

Here are a few of the applications this glove has worked well in:

Construction · Oil & Gas · Waste & Recycling

OnSite support

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GLTG1060

CLICK HERE for a Datasheet

EN 388:2016 — 4 1 3 1 A

EN 407:2004 — X 2 X X X X

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

EN 388	4131A
Sizes	7-12
Liner	Nylon
Gauge	15gg
Coating	X-Dura Double Dip - Nitrile
Conditions	

GLTG5060

CLICK HERE for a Datasheet

EN 388:2016 — 4 X 4 3 C

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

EN 388	4X43C
Sizes	7-11
Liner	Nylon/HPPE/Glass
Gauge	15gg
Coating	X-Dura Nitrile
Conditions	

OnSite support

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REQUEST YOUR FREE GLOVE SAMPLE

Key

Dry · Wet · Oily · Heat · Cold · Chemical

FINE GAUGE X-DURA PU COATED GLOVES WITH ENHANCED ENGINEERING AND COMFORT

Here are a few of the applications this glove has worked well in:

Manufacturing · Construction · Warehousing

GLTG1010

CLICK HERE for a Datasheet

EN 388:2016 — 4131 — ASTM ANSI CUT LEVEL A1

Key features

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

EN 388	4131A
Sizes	6-11
Liner	Nylon
Gauge	15gg
Coating	X-Dura Polyurethane
Conditions	

GLTG3010

CLICK HERE for a Datasheet

EN 388:2016 — 4X43 — ASTM ANSI CUT LEVEL A2

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

EN 388	4X43B
Sizes	6-11
Liner	Nylon/HPPE/Elastane
Gauge	13gg
Coating	X-Dura Polyurethane
Conditions	

GLTG5010

CLICK HERE for a Datasheet

EN 388:2016 — 4X43 — ASTM ANSI CUT LEVEL A4

Key features

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

EN 388	4X43D
Sizes	6-11
Liner	Polyester/Nylon/HPPE Steel/Elastane
Gauge	13gg
Coating	X-Dura Polyurethane
Conditions	

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Key

Dry · Wet · Oily · Heat · Cold · Chemical

BREATHABLE X-DURA PU GLOVES WITH GOOD ABRASION RESISTANCE

Here are a few of the applications this glove has worked well in:

Manufacturing · Construction · Warehousing

GLTG1210

CLICK HERE for a Datasheet

EN 388:2016 — 3 X 2 1 A

ASTM ANSI CUT LEVEL A1

Key features

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

EN 388	3X21A
Sizes	6-12
Liner	Polyethylene
Gauge	13gg
Coating	X-Dura Polyurethane
Conditions	

GLTG3210

CLICK HERE for a Datasheet

EN 388:2016 — 4 X 4 3 B

ASTM ANSI CUT LEVEL A2

Key features

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

EN 388	4X43B
Sizes	6-12
Liner	Nylon/HPPE/Elastane
Gauge	13gg
Coating	X-Dura Polyurethane
Conditions	

GLTG5210

CLICK HERE for a Datasheet

EN 388:2016 — 4 X 4 3 C

ASTM ANSI CUT LEVEL A3

Key features

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

EN 388	4X43C
Sizes	6-12
Liner	Polyester/Nylon/HPPE Glass/Elastane
Gauge	13gg
Coating	X-Dura Polyurethane
Conditions	

OnSite support

REQUEST YOUR FREE GLOVE SAMPLE

BREATHABLE X-DURA PU GLOVES WITH 3 DIGIT DESIGN FOR OPTIMUM DEXTERITY

Here are a few of the applications this glove has worked well in:

Management | Construction | Warehousing

Key

Dry | Wet | Oily | Heat | Cold | Chemical

OnSite support

SUSTAINABILITY IN HAND PROTECTION | TRAFFIGLOVE.COM

GLTG1220

CLICK HERE for a Datasheet

EN 388:2016 — 3 X 2 1 A | ASTM ANSI CUT LEVEL A1

Key features

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

EN 388	3X21A
Sizes	6-11
Liner	Polyethylene
Gauge	13gg
Coating	X-Dura Polyurethane
Conditions	

GLTG3220

CLICK HERE for a Datasheet

EN 388:2016 — 4 X 4 3 B

Key features

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

EN 388	4X43B
Sizes	6-11
Liner	Polyamide/HPPE/Glass
Gauge	13gg
Coating	X-Dura Polyurethane
Conditions	

GLTG5220

CLICK HERE for a Datasheet

EN 388:2016 — 4 X 4 3 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

EN 388	4X43C
Sizes	6-11
Liner	Polyester/HPPE/Glass Elastane
Gauge	10gg
Coating	X-Dura Polyurethane
Conditions	

> "TG3220 - Very good, I had no problem performing my usual tasks while using these gloves despite them being thicker."
>
> **Kieron Sykes,**
> Bucher Municipal

OnSite support

REQUEST YOUR FREE GLOVE SAMPLE

Key

Dry · Wet · Oily · Heat · Cold · Chemical

X-DURA LATEX PALM COATED GLOVES WITH BREATHABLE SEAMLESS LINER

Here are a few of the applications this glove has worked well in:

Construction · Warehousing · Waste & Recycling

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GLTG1050

CLICK HERE for a Datasheet

EN 388:2016 — 3 1 3 1 X

Key features

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

EN 388	3131X
Sizes	6-11
Liner	Nylon/Elastane
Gauge	15gg
Coating	X-Dura Latex
Conditions	

GLTG5070

CLICK HERE for a Datasheet

EN 388:2016 — 4 X 4 2 D · ASTM ANSI CUT LEVEL A4 · EN 511:2006 — X 1 X

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

EN 388	4X42D
Sizes	6-11
Liner	Acrylic/HPPE/Glass
Gauge	7gg
Coating	X-Dura Matt Latex
Conditions	

NEW

GLTG5570

CLICK HERE for a Datasheet

EN 388:2016 — 4 X 4 2 F · ASTM ANSI CUT LEVEL A6 · EN 511:2006 — X 1 X

Key features

- Seamless knitted 10 gauge liner for enhanced breathability
- Double dipped coating with full dip flat latex & black sandy palm dip latex
- Thermal & water resistant, even on the wrist
- A single layer liner for maximum dexterity and comfort
- Highest cut level F resistance for outdoor environments
- High tare resistance & highly tactile

EN 388	3X42F
Sizes	7-11
Liner	Acrylic/HPPE/Steel Nylon/Polyester/Elastane
Gauge	10gg
Coating	X-Dura Latex
Conditions	

OnSite support

REQUEST YOUR FREE GLOVE SAMPLE

NEW

GLTGL711

CLICK HERE for a Datasheet

EN 388:2016 2 1 1 1 X

Treated with HeiQ VIROBLOCK

Key features

- Touchscreen compatible on thumb and index finger
- Dot design for grip and comfort
- Compatible with TDS600
- Treated with HeiQ Viroblock protection against microbes and germs
- HeiQ Viroblock is certified as safe and sustainable as all its ingredients are cosmetic grade, bio-based
- Washable to 20 washes whilst retaining Viroblock
- Compensating for nitrile glove mass consumption and to use something sustainable, washable, and less expensive.

EN 388	2111X
Sizes	M-L
Liner	Nylon
Gauge	18gg
Coating	HeiQ Viroblock
Conditions	

Key

Dry · Wet · Oily · Heat · Cold · Chemical

OnSite support

NEW

CJ3LDPW1

CLICK HERE for a Datasheet

LXT® LIFE EXTENDING TECHNOLOGY APPROVED

HAND & GLOVE SANITISING SOLUTION

Water based foam solution proven to kill envelope viruses

Key features

- Non flammable, safe to store and transport
- Hand & LXT glove approved
- Proven to kill envelope viruses
- Silicone free
- Long lasting residual affect of up to 8 hours
- Food safe
- Skin friendly, dermatologically tested
- Tested to EN 1500 hygienic hand rub test

EN 1276 bactericidal

EN 13727 bactericidal

EN 1650 yeasticidal

EN 13624 yeasticidal

EN 14476 antiviral against vaccinia virus, feline coronavirus, influenza H1N1, rotavirus

OnSite support

A SUSTAINABLE FUTURE IN DISPOSABLE GLOVES

- Biodegradable
- Industrial compostable
- Recyclable packaging

NEW

REQUEST YOUR FREE GLOVE SAMPLE

* ISO 14855-1:2012
Industrial composting – a multi-step, closely monitored composting process with measured inputs of water, air, as well as carbon and nitrogen-rich materials. An industrial composting facility optimises the process to ensure rapid biodegradation of organic material by controlling conditions like shredding material to the same size or controlling the temperature and oxygen levels and ensuring that a high quality, toxic-free compost is produced.

OnSite support

INTRODUCING GL2TD02 SUSTAIN

TRI POLYMER BLEND DISPOSABLE GLOVE

DERMATOLOGICALLY APPROVED

Food Approved

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 fit 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.

Ideal for

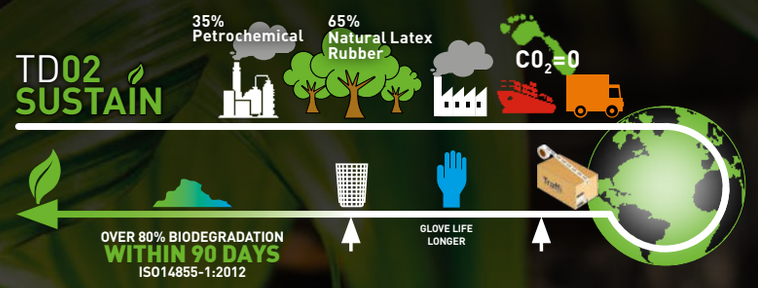
- Medical
- Pharmaceutical
- Laboratory
- General purpose
- Mechanical

Standards

EN 374-1, 2, 4 & 5
EN455 Part1, 2 & 3
EN16523-1
ASTM D 3578
ISO 9001:2015
ISO 13485:2016
Rapid biodegradation within 90 days – ISO 14855-1:2012
Food approved – EN1186 / Regulation EU 10/2011

CLICK HERE for a Datasheet

JOINED UP THINKING



UNDERSTANDING GLOVE MARKINGS

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

The new glove standard EN ISO 21420 has been introduced as a replacement for EN 420 and ensures the materials manufacturers of PPE use in their products do not adversely affect the health or safety of the user. It will also respond 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 and Safety aspects of Annex II. The new ISO 21420 will provide 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)

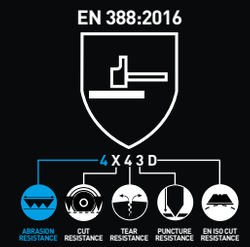
UNDERSTANDING EN 388:2016+A1:2018

Standard For Gloves Protecting Against Mechanical Risks

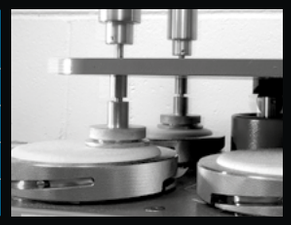
EN 388 is a widely-recognised standard which safety gloves are commonly tested against across a huge range of industries. Any glove in the market which is categorised as cut-resistant should be marked to this standard. The EN 388 standard uses index values to rate the performance level of a glove in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

ABRASION TEST



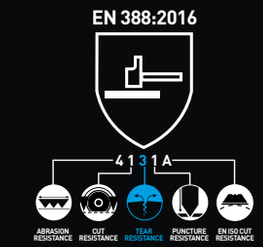
ABRASION RESISTANCE (CYCLES)	PERFORMANCE LEVEL RATING
100	1
500	2
2000	3
8000	4



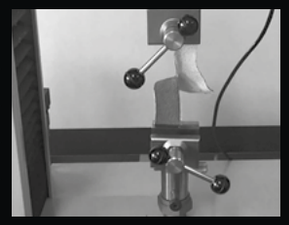
UPDATED: ABRASION PAPER

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.

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.

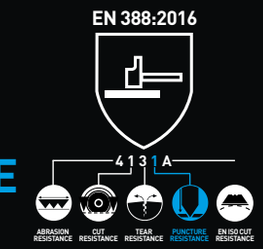
COUPE TEST

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.

PUNCTURE TEST



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

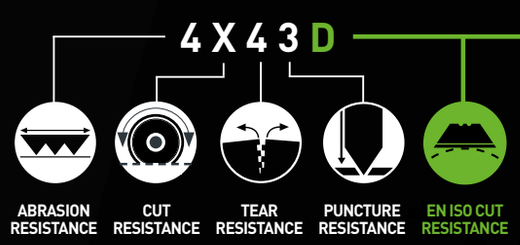
PUNCTURE RESISTANCE

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.

NEW: 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 new EN ISO test. This is to ensure the degree of protection provided by the glove is as accurate as possible.

The objective of this new 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.



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:

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 407:2004 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:

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.

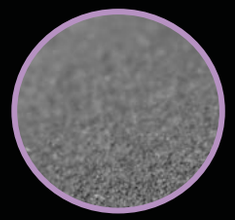
X-DURA PU

- 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.

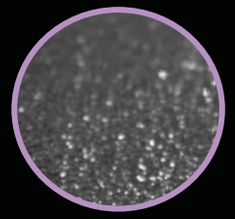
X-DURA LATEX

- 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.

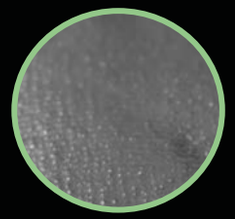
*EN 407 test requirements will apply.



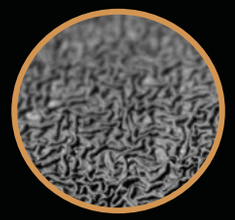
MICRODEX NITRILE



X-DURA NITRILE



X-DURA PU



X-DURA LATEX

OnSite support

01293 744 444

sales.support@onsite-support.co.uk

Through PLUS, we have identified that there are opportunities to help our customers to optimise their usage of gloves by offering better products that are eco-friendly and deliver cost in use benefits.

CLICK HERE to find out about PLUS

Onsite have collaborated with Traffi to introduce the LXT range to our customers, which is a sustainable solution that delivers cost in use benefits. Traffi LXT products are now plastic free with card packaging that will help us to remove more than 15 kg of single plastic use in 2021.

Traffi®

THE HAND PROTECTION **SPECIALISTS**

UK Head Office:
Suite 4, Venture Park, Selborne Road,
Alton, Hants GU34 3HL, UK
T: +44 (0)1344 207090 **E:** info@traffiglove.com

www.traffiglove.com

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