ROKWEAR®

WE PROTECT

PRODUCT DATASHEET

CUT LEVEL **1** 2131X

HAND PROTECTION: CUT RESISTANT GLOVES

FLEXIGRIP LATEX HANDLER GLOVE

PRODUCT CODE: OGL.2112

PRODUCT DESCRIPTION

Comfortable knitted polycotton multi-purpose glove, the Gripflex Handler Glove features a natural latex rubber palm coating providing a strong grip. The glove's design offers flexibility in wet or dry conditions.

FUNDAMENTALS

COATING
Latex

LINER
10 gauge polycotton

TYPE
General handling - dry

SIZE/LENGTHS
S/7-2XL/11 / 230-270mm

PACK SIZE
10

WEIGHT
0.04kg

COMMODITY CODE
6116108091

CASE QUANTITY
100

CONFORMS TO

EN ISO 21420:2020; EN 388:2016+A1:2018: 2131X
EN ISO 21420 Dexterity Level 5

SATRA
Certificate: 2777/14635-02/E00-00
Issue Date: 28 February 2025

ENVIRONMENT

INDUSTRY TYPES:
Public Sector

CONDITIONS:
Dry, Wet

PRODUCT FAMILY:
FLEXIGRIP

LEVELS

ABRASION: 500 cycles

TEAR: 25N

TDM: X

CUT: 1.2 cycles

PUNCTURE: 20N

SIZE GUIDE

GLOVE SIZE:	6	7	8	9	10	11
GLOVE LENGTH (MM)	220	230	240	250	260	270
PALM DIAMETER (MM), palm width below the knuckles	152	178	203	229	254	279
HAND LENGTH (MM), distance between wrist and tip of middle finger	160	171	182	192	204	215

KEEPING GLOVES ON HANDS - COMBINING COMFORT AND CUT LEVELS

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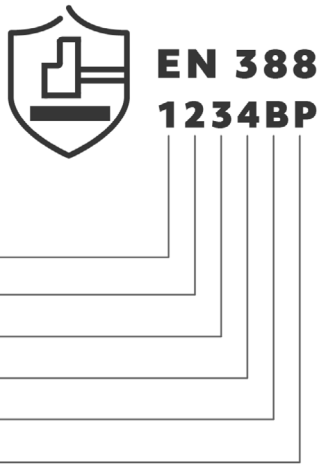
OGL.2112

STANDARDS

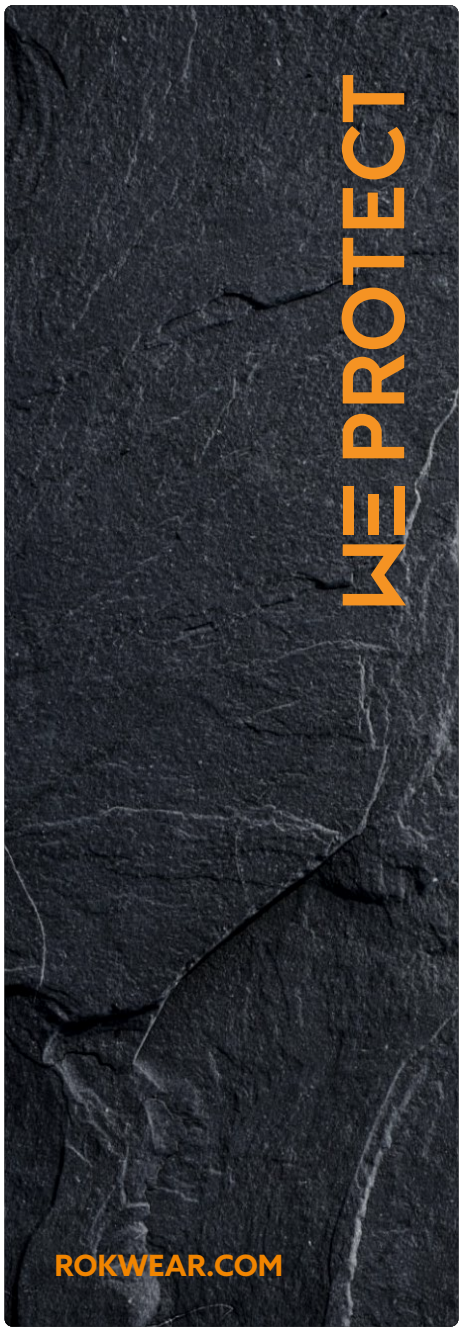
The most updated standard includes two different cut resistance tests: the TDM-100 Test and the Coup Test. Besides cut resistance, the EN 388 standard also evaluates gloves for abrasion, tear, and puncture resistance, each indicated by a numeric rating. This comprehensive approach ensures that gloves are tested for multipleaspects of performance.



1. Abrasion resistance
2. Cut resistance, COUP test
3. Tearing strength
4. Puncture resistance
5. Cut resistance, TDM test ISO 13397
6. Impact protection

SPECIAL FEATURES

- COTTON LINER FOR COMFORT AND BREATHABILITY
- CRINKLE COATING FOR EXCELLENT TEAR RESISTANCE



HOW EACH STAGE IS TESTED...

1. Abrasion resistance

Material is subjected to abrasion with sandpaper under a determined pressure. Protection is indicated on a scale of 1 to 4 depending on the number of turns required until a hole appears. Highest performance level 4 = 8,000 cycles.

2. Cut resistance, coup test

A blade is passed over the liner until it cuts through. With a scale between 1 and 5, where 5 indicates the highest cut protection. An X, signals a failure. If the material blunts the knife during this test, ISO 13997 (TDM test) shall be performed instead.

3. Tearing strength

The force required to tear the glove material apart is measured. The protection level is indicated by a number between 1 and 4, where 4 indicates the strongest material.

4. Puncture resistance

Based on the amount of force required to puncture the material with a nail. Indicated by a number between 1 and 4, where 4 indicates the most puncture resistant material. (Highest performance level 4 = 150 Newtons).

5. Cut resistance, TDM test ISO 13997

Compared to the coup test, the blade travels a shorter distance, so blunting has less effect. These are graded A - F, F being the highest protection. If a letter is assigned, this method determines the protection level instead of the coup test (point 2).

6. Impact protection

If the glove has an impact protection, this information is given by the letter P as the 6th and last sign.

If no P sign is present, this means that no impact protection is claimed.

CERTIFICATION BODY

SATRA

UKCA CE

These garments comply with the requirements of PPE Regulation (EU) 2016/425 and PPE Regulation (EU) 2016/425 as retained in UK law and amended.

Notified Body: SATRA Technology Europe Ltd, Bracetown Business Park, Clonee. Co. Meath D15 YN2P Ireland. Notified Body No. 2777

Following the UKCA Type-Examination this product group has been shown to satisfy the applicable essential health and safety requirements of the PPE Regulation (2016/425) as brought into UK law and amended as a Category II product.

Country of origin: China

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UNDERSTANDING COATINGS

When it comes to choosing work gloves, selecting the right coating can make all the difference in safety, comfort and performance. Nitrile and latex coatings both offer unique benefits, making them suitable for a range of industries and tasks.

LATEX

Latex-coated gloves are a dependable and cost-effective PPE option. They perform exceptionally well in dry conditions, offering excellent grip and impressive durability. The thicker latex coating provides solid protection against abrasion and general wear and tear.

However, if you're working in wet environments or handling oil or chemicals, latex may not be the best choice. It doesn't perform well around moisture, and the thicker design can slightly reduce dexterity.

- Superior flexibility & dexterity
- Enhanced grip in wet conditions
- Cost effective & comfortable

KEY INDUSTRIES:
- Glass handling
- Assembly
- Metal handling
- Scaffolding
- Roofing

NITRILE

When you're working with oil, water, or in hot and sweaty environments, nitrile is your go-to material. It offers excellent grip, making it ideal for tasks like mechanical and engineering work.

While nitrile is typically more expensive than latex—especially the foam variety that provides superior grip—flat nitrile is a more affordable alternative, though it doesn't offer the same traction. Nitrile doesn't perform as well as latex in dry conditions, but its thicker coating makes it highly durable. That's why nitrile-coated gloves are a great choice for oily, dirty, and high-abrasion environments.

- Exceptional durability and chemical resistance
- Superior grip in oily conditions
- Hypoallergenic to prevent reaction

KEY INDUSTRIES:
- Oil and gas
- Rigging
- Engineering
- Wet handling

PU

Similar resistance to oil, water, and chemicals as nitrile, but with superior dexterity and flexibility—ideal when precision matters.

Cost-effective, polyurethane is naturally grippy and doesn't require additional treatments to enhance traction. Performs well in wet, oily, and chemical-exposed environments. Offers slightly less grip in dry conditions compared to latex, and their lightweight, flexible construction means they may not last as long as heavier-duty latex or nitrile options.

- Excellent abrasion & tear resistance
- Smooth coating for precision handling
- Lightweight & breathable for all-day comfort

KEY INDUSTRIES:
- Timber handling
- Mechanics
- Construction
- Warehousing

Quality	Latex Coated	Nitrile Coated	Polyurethane Coated
Grip (dry)	●●●	●●○	●○○
Grip (wet/oily)	●○○	●●●	●●○
Cost	●●○	●○○	●●●
Flexibility	●●○	●○○	●●●
Chemical Resistance	●○○	●●●	●○○
Water Resistance	●●○	●●●	●○○
Dry Handling	●●●	●●○	●●○
Durability	●●○	●●●	●○○
Oil Resistance	●○○	●●●	●○○

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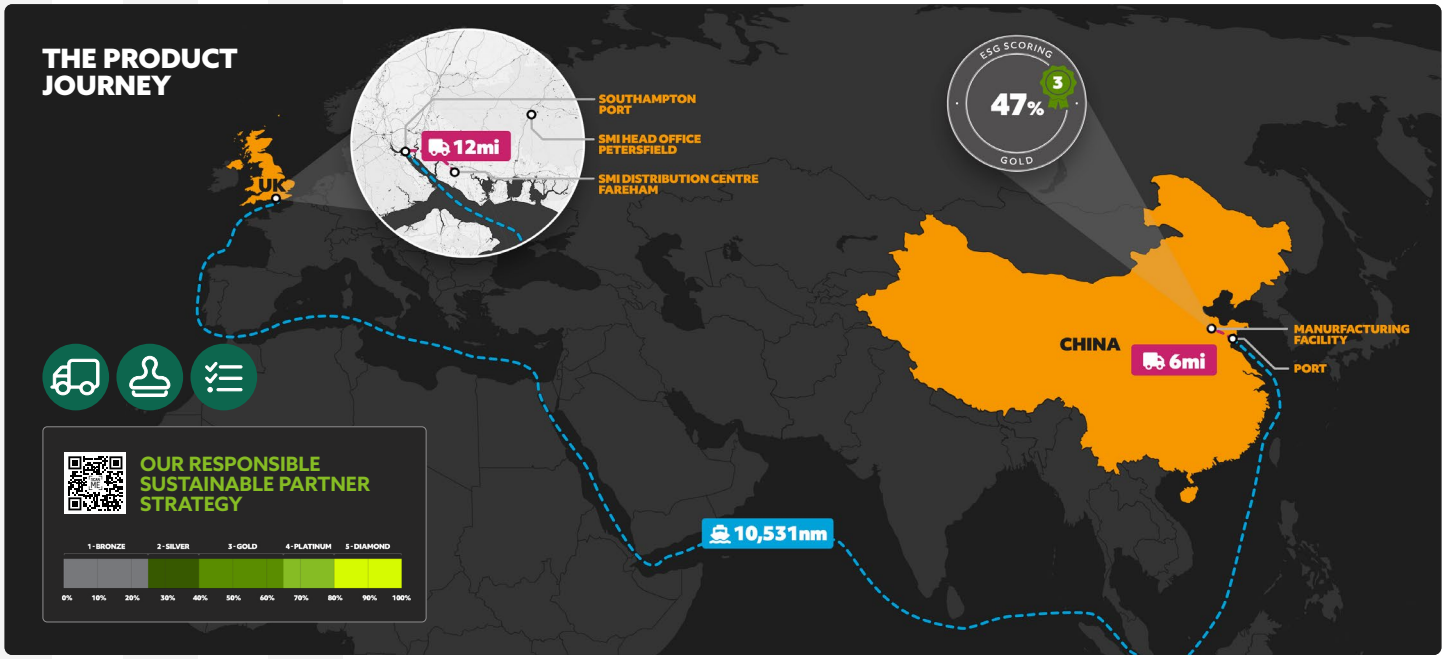

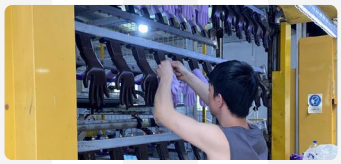

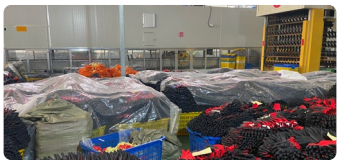

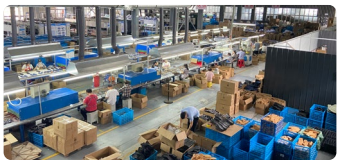

OUR PARTNER'S COMMITMENTS

Our glove manufacturing partner operates with a foundation of ethical and responsible practices.

- Holds **ISO 9001** certification, reflecting a commitment to quality management.
- Current policies include a **Code of Conduct, Sourcing Policy, Management System, Anti-Bribery Policy, CSR Policy,** and **Equality & Diversity Policy.**
- Pays **living wages**, supported by a written statement outlining wage standards.
- Uses **FSC-certified materials**, though recycled content has not been disclosed.
- Provides **CTC test reports** for product verification.
- The factory currently has **no Health & Safety or Environmental policies or accreditations** - highlighting an opportunity for future sustainability development.

WASH CARE

Caring for your gloves properly helps extend their life and minimise environmental impact.

- If gloves have coatings (e.g., nitrile, latex), avoid soaking or using harsh detergents.
- Machine wash cold or lukewarm (**up to 40°C**) on a gentle cycle.
- **Do not tumble dry** - air dry flat or hang to dry to prevent heat damage.
- Choose **biodegradable, phosphate-free detergents** that avoid harsh chemicals and microplastics.
- **Wash gloves inside out** to protect coatings and reduce microfibre shedding.

RECYCLING SCHEME

End of Life: What happens to our gloves?

Used gloves are processed through a resource-recovery route to minimise waste and support renewable energy generation.

Shredding Into SRF
Gloves are mechanically shredded and converted into Solid Recovered Fuel (SRF) — a high-energy alternative to coal or gas. SRF is used in energy-from-waste facilities, generating electricity and heat while diverting materials from landfill.

Environmental Benefits
- Reduces landfill waste
- Supports renewable energy targets
- Lowers reliance on fossil fuels
- Offers a controlled, lower-impact recovery method

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