ROKWEAR®

WE PROTECT

PRODUCT DATASHEET

CUT LEVEL **D** 4X43D

HAND PROTECTION: CUT RESISTANT GLOVES

AQUASHIELD+ ENDURANCE GLOVE

PRODUCT CODE: OGL.2410

PRODUCT DESCRIPTION

Double-dipped, fully waterproof cut resistant glove for wet, oily and dry conditions. Sandy nitrile palm with smooth nitrile back ensures grip, liquid resistance, and EN388 Cut D protection.

FUNDAMENTALS

COATING
Smooth nitrile & sandy nitrile

LINER
13 gauge HPPE

TYPE
Cut resistant - Wet & Oily

CONFORMS TO

EN ISO 21420:2020; EN 388:2016+A1:2018: 4X43D
EN ISO 21420 Dexterity Level 5

SATRA
Certificate: 2777/26765-01/E00-00
Issue Date: 11 March 2025

SIZE/LENGTHS
XS/6-2XL/11 / 220-270mm

PACK SIZE
10

WEIGHT
0.10kg

ENVIRONMENT

INDUSTRY TYPES:
Building & construction
Oil, gas & mining
Steel & metal
Waste & recycling

CONDITIONS:
Dry, Wet, Oily

PRODUCT FAMILY:
AQUASHIELD+

COMMODITY CODE: 6116108091

LEVELS

ABRASION: 8000 cycles

TEAR: 75N

TDM: 15N

CUT: X

PUNCTURE: 100N

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

SCAN ME

KEEPING GLOVES ON HANDS - COMBINING COMFORT AND CUT LEVELS

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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

- DOUBLE-DIPPED DESIGN COMBINED WITH A 13-GAUGE HPPE LINER
- SANDY NITRILE PALM COATING OFFERS EXCELLENT GRIP AND DURABILITY

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.

AQUASHIELD+

The AQUASHIELD+ range is purpose-built to deliver reliable hand protection in wet, cold, and challenging environments where grip, durability and water resistance are essential.

What makes these gloves AQUASHIELD+ is their shared double-coated construction - a specialised feature that provides enhanced water resistance and protection against liquid penetration. Each glove in the AQUASHIELD+ family also performs strongly across EN 388 tests, with all three achieving the highest level of abrasion resistance (level 4) and strong tear resistance (level 4), alongside puncture resistance levels of 3 or 4. All AQUASHIELD+ gloves are tested using the advanced TDM method, with cut resistance levels of C or D, making them well-suited for tasks involving sharp or abrasive materials in wet conditions.

These shared qualities - mechanical strength, liquid protection, and robust cut resistance - are what define the AQUASHIELD+ family. Each glove also features a unique coating tailored to specific applications: one uses a nitrile base with a sandy nitrile palm for grip in oily or wet conditions, another combines smooth latex with sandy latex for flexibility and traction, and the third pairs latex with a crinkle finish for excellent grip in damp environments. With EN 388 scores of 4X44D, 4X43C and 4X43C, the AQUASHIELD+ range offers workers across construction, utilities, waste management and outdoor trades the protection they need to perform confidently, whatever the weather.

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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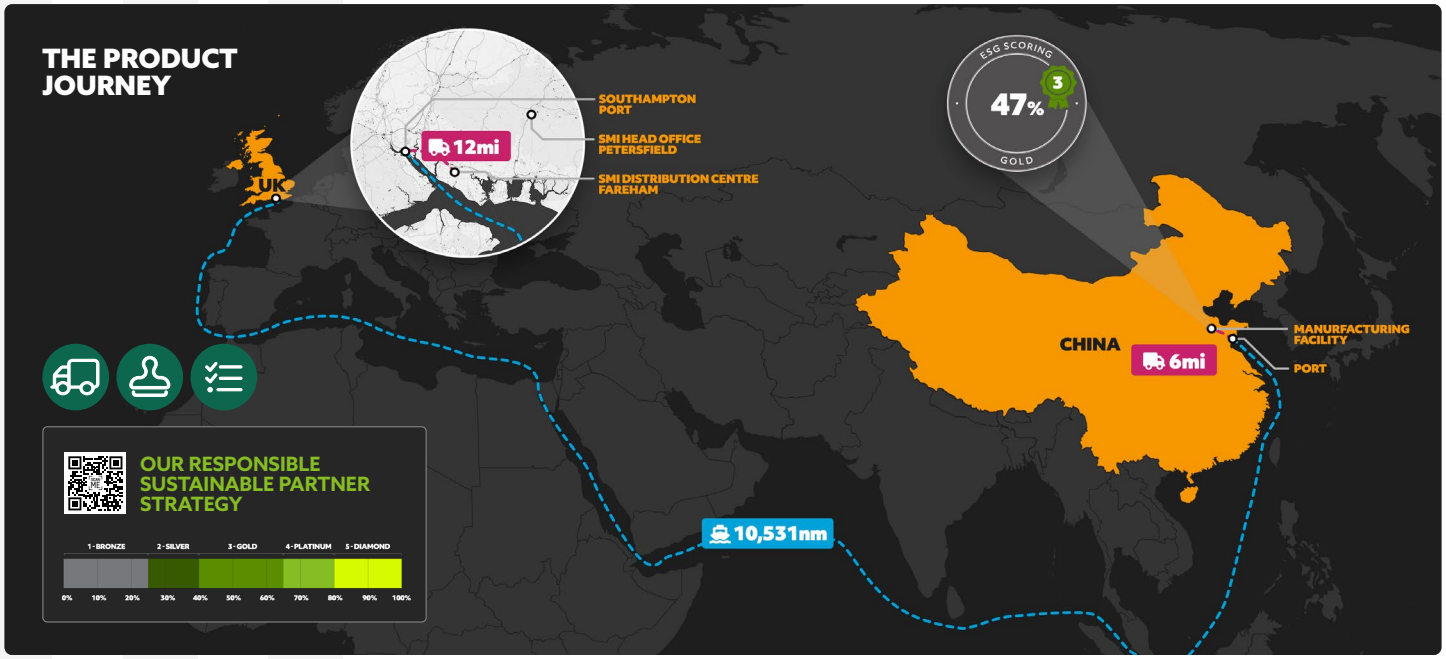

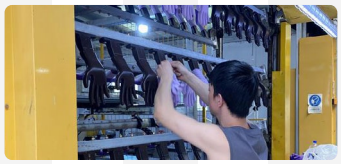

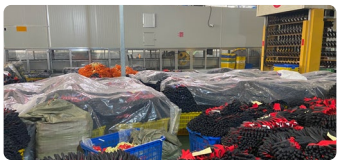

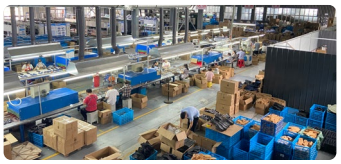

OUR PARTNER'S COMMITMENTS

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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