

PROTECTION GLOVES

379

**ADVANCED
CHEMICAL
PROTECTION
WITH GRIP
PERFORMANCE**

+ PROTECTION + GRIP + COMFORT



SHOWA
CE



THE **ULTIMATE** CHEMICAL PROTECTION **COMPANION**

The risks associated with chemical substances are numerous and their contact with the skin can cause burns, dermatitis, irritation and intoxication. The skin can be greatly damaged by such contact and wearing gloves is the only barrier that can prevent hazardous contact with chemicals.

Chemical hazards are not confined to the chemical industry. Many people in a variety of sectors are faced with chemical risks when handling oils, acids and solvents when working either on drilling platforms, drawing mud, oil and benzenes from the sea bed or







in refineries where chemical risk is even more prevalent.

It is to provide users with a protective glove for these specific needs that **SHOWA has engineered the all-new 379 nitrile foam Grip glove** that offers a very resistant yet comfortable chemical glove for oil based chemical protection, maintenance and engineering, and chemical production. The foam grip delivers reliable grip performance and prevents slipping while it's under nitrile layer provides long lasting chemical protection. The 379 nitrile foam Grip also provides users with a water tight all year round solution.



4 WEEK TRIAL PROGRAM

Free intricate assessment process designed to identify potential cost savings by:

-  Strategic trial plan
-  Reducing costs by reducing stock and capital bonding in PPE
-  Consolidating products
-  Adopting new technologies
-  Improving employees safety and satisfaction
-  Adopting Best practices for use and control



ADVANCED CHEMICAL PROTECTION WITH GRIP PERFORMANCE

With great ergonomic fit and feel, the **SHOWA 379 Nitrile foam Grip** is designed for longer protection with superior grip performance in oily environment like oil & gas sector thanks to the dual coating: full nitrile coating and extra foam nitrile palm.

Designed for users operating in liquid/oily and slippery environments that need reliable grip performance to avoid slipping. Moreover, for users working with chemical based products in construction, maintenance, chemical production and engineering, SHOWA 379 provides long chemical exposure protection tested and certified in compliance with EN374-3.



SHOWA ADVANCED CHEMICAL PROTECTION

USES:



Maritime sector



Chemical



Petrochemical



Oil platforms



Refineries



Construction



Cementing and concreting

+ SPECS

379 NITRILE FOAM GRIP

LINER - Polyester

COATING/POLYMER - Full nitrile coating combined with foamed nitrile on palm

Full nitrile coating for longer and better chemical protection with superior grip performance thanks to the extra foam nitrile palm coating

FEATURES: Dual nitrile coating technology for oil based chemical protection

- + Length: 300-320mm
- + Fully coated, doubled with extra foamed nitrile finish on palm
- + EN374-3 Chemical protection certified
- + Anatomical hand shape design
- + 13 Gauge knitted liner
- + Seamless knit

BENEFITS: Advanced chemical protection with grip performance

- + Enhanced chemical protection
- + Nitrile coating provides protection from chemical, oils, hydrocarbons, benzimes, grease and hexavalent chromium found in concrete
- + Foamed nitrile finish provides excellent grip performance and prevents slipping
- + A flexible, robust glove offering great dexterity and good resistance to abrasion
- + An ergonomically designed hand mould replicates the natural curvature of the human hand and thus reduces hand fatigue
- + Unique design for fit and dexterity
- + Waterproof, all year round solution

NITRILE AND FOAM NITRILE ADVANTAGES

- Excellent abrasion and cut resistance
- High level puncture resistance
- Good mechanical performance
- Excellent resistance to oil, grease and hydrocarbons
- Good resistance to Acids, certain organic solvents, pesticides, oils and fuels
- No latex hypoallergenic

RECOMMENDED FOR THESE RISKS:



Chemical protection



Slip & Grip



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PACKAGING:

Pairs per pack / box:
10 pairs / 60 pairs
per box

LENGTH:

300-320mm

SIZES:

- 8/M
- 9/L
- 10/XL
- 11/XXL

COLOUR OF SUPPORTED / COATING:

■ Black on green

CHOOSE THE RIGHT GLOVE FOR THE RIGHT JOB

Discover SHOWA's Nitrile foam grip platform, offering you premium hand protection.

General purpose grip



376



3/4 nitrile coating doubled with foam nitrile coating on the palm

Recommended for work:

- Automotive
- Construction
- Masonry - fabric
- Public works
- Roofing



377



Full nitrile coating doubled with foam nitrile coating on palm

Recommended for work:

- Automotive
- Painting - decorating
- Ship maintenance
- Oil platforms
- Cementing and concreting

Thermal



477



Full nitrile coating with extra nitrile foam coating on the palm on polyester/nylon/acrylic liner

Recommended for work:

- Construction
- Exterior works
- Garden work
- Warehousing
- Oil platforms

Cut resistance

S-TEX 376



3/4 Nitrile coating with extra foam nitrile coating on the palm Hagane Coil™ - Stainless Steel / Polyester liner

Recommended for work:

- Stamping
- Construction
- Automotive
- Glazing
- Steel fixing

DID YOU KNOW?

To characterize the performance of the elastomers and plastics used to manufacture safety gloves, tests are carried out to determine the behavior of the materials when confronted with the various families of chemical products. The tests measure:

- The permeation time for a given chemical product. This corresponds to the time it takes for the chemical to penetrate the glove at a molecular level. Deterioration of the glove is not always visible.
- The degradation index of the glove in contact with a given chemical, corresponding to the degree of deterioration of the glove that can be seen by an alteration physique of the glove (softening, hardening etc.).

379 Permeation test result certified body :

EN 374-3

Chemical protection

		J	K	L
Back side	Chemical	n-Heptane	Sodium hydroxide 40%	Sulfuric acid 96%
	Break-through time / (min)	> 60	> 480	> 30
	Level	3	6	2
Palm	BT min	> 100	> 480	> 60
	Level	3	6	3



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Innovation makes sense when it actually contributes something useful.

Each time SHOWA develops a new concept, it improves wearer comfort and safety. This ability to anticipate needs and provide solutions that eventually become benchmarks is based on unrivalled technological expertise and is fully autonomous. This independence extends to developing our own hand formers, yarns, coatings, polymers and unique manufacturing process through inspection and packaging.

This gives us

[100%]

quality control at every level.

Our Philosophy

“Our mission is to protect workers needing hand protection whilst enhancing their ability to perform a multitude of tasks, keeping safe hands during and after work, SHOWA best glove provides performing and durable innovative solutions thanks to a corporate philosophy of investing in research and development to introduce the next generation of innovative hand protection improving user comfort, premium safety and satisfaction.”



WTC - Tower I - Strawinskylaan 1817 - 1077 XX Amsterdam - The Netherlands
Tel: +31 (0) 88 004 2100 - Fax: +31 (0) 88 004 2199 - info@showagroup.eu

www.SHOWAgroup.eu - www.chemrest.com