

Uncoated

Microporous nitrile

Natural latex

Polyurethane

Foam nitrile
over nitrile

CUT
RESISTANT
C/A3



COMBINE & CONQUER

with our SHOWA
DURACoil SERIES

Cut C/A3 protection
at a nominal price


SHOWA
Always Innovating. Never Imitating.

SHOWAgroup.com

IMAGINE ALL YOU CAN DO WITH
A CONSOLIDATED CUT SERIES



MULTIPURPOSE | CUT C/A3



CHANGE IS INEVITABLE. WE DELIVER ON IT.

Since the revision of the PPE regulations in 2016, a market-wide downgrade in EN 388 and ANSI 105 cut level scores for re-certified products led general purpose gloves for medium-low risks to decrease from cut level 5-C/A3 to 5-B/A2 and under.

Today, users have enough information on the norm changes to take better responsibility for their cut protection needs. This created an increase in demand for more versatile solutions designed to meet safety and comfort requirements, at a lower price.

On the other hand, the “**Race to Zero**” competition results in users wearing general purpose gloves with low cut resistance levels – the former EN 388 and ANSI cut 5 being B/ A2. Risks of injuries increase and workers’ safety is jeopardized; ultimately a “lose-lose” situation for the industry.

SHOWA saw these changes as an opportunity to seriously evaluate our product offerings and our customer relationships, asking ourselves: Do our customers really want the cheapest hand-protection solution, or the best value for money?

We believe in value for money, and we’ve delivered.

WHAT IS THE RACE TO ZERO IN C/A3?

In the typical commercial procurement process, companies will enlist two or more suppliers to compete against each other for the business. Often the winner is solely based on price and quantity. A few months later, the winning supplier looks for ways to increase savings – often shortcuts – in order to raise or maintain their bottom line. These shortcuts negatively impact other competitors, as well as the end user.

COMBINE & CONQUER

with the new **DURACoil GLOVE SERIES**

SHOWA responds to market demands for a one stop shop solution with a complete series of seven Cut C/A3 glove models, with SHOWA quality and service at a nominal price.

The new DURACoil glove series caters to a wide range of needs and applications, offering a versatile new range that consolidates your glove inventory for optimized productivity and reduced costs.

By combining the fit, dexterity, and grip needed for multipurpose applications, with an upgraded cut-resistant liner, we ensure safe, dry, and comfortable hands. Whether performing tasks in dry, greasy, oily, or wet environments, there are no more excuses to not wear gloves.

IMAGINE ALL YOU CAN DO WITH A CONSOLIDATED CUT SERIES

- Upgrade your mechanical risk protection with cut **level C/A3**
- Perform a wide variety of tasks in **dry, greasy, oily, & wet environments**
- Consolidate your glove inventory with **a versatile range**
- Choose from **7 affordable models** different SHOWA coatings
- Increase PPE user acceptance with **ultra-comfortable gloves**
- Rely on the **SHOWA quality and on-demand service** anytime, anywhere
- Reduce usage turnover with **higher quality products**



DURACOIL IS THE BEST OF BOTH WORLDS

DURACOIL is comprised of 2 words:

1. **DURABLE** = the gloves are designed for maximum comfort, to be worn for extended periods of time
2. **COIL** = the wrapping technique where fibers are coiled over the others in layers

The DURACOIL liner is engineered by tightly wrapping multifilament polyester around a cut resistant fiber, then reinforcing it with High-Performance Polyethylene (HPPE). The technique is very important to user comfort; if not done correctly, the fibers will irritate the skin. This therefore creates a premium lightweight yarn that offers comfort, durability, and increased cut protection.



DURACOIL Technology

WHAT IS MULTIFILAMENT YARN?

A high tenacity yarn that consists of many ultra-fine strands or filaments, wound together in an untwisted or unknotted way. These are smoother to touch, ultra-light and used for sturdy products, such as airbags, mooring lines for ships, and the strings of tennis rackets. Typical multifilament examples are Microfiber and Nanofiber.



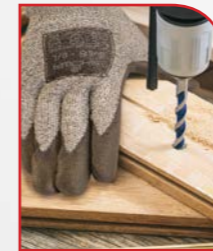
ULTRA-COMFORTABLE MULTI-PURPOSE GLOVES WITH DURABLE CUT RESISTANT PROPERTIES FOR PRECISION HANDLING

Key features of the DURACOIL gloves:

- Multifilament polyester wrapping DURACOIL liner, reinforced with HPPE
- EN 388:2016 Cut Level C
- ANSI/ISEA 105-16: A3
- 13-gauge seamless-knit liner
- Unique SHOWA ergonomic hand shape design
- Dual protection for multipurpose and cut risks
- 100% SHOWA quality and service
- Launderable and re-usable



Good resistance against cuts, snags and tears



Upgraded mechanical risk protection for general purpose activities



Soft, lightweight and ultra-comfortable with no skin irritation



Excellent fit and dexterity

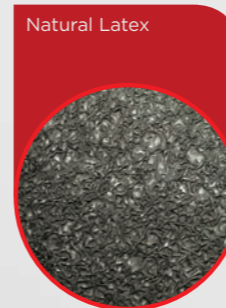


Increased productivity with durable protection for multipurpose and cut risks

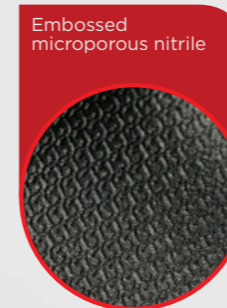


Consistent high quality and unmatched level of service

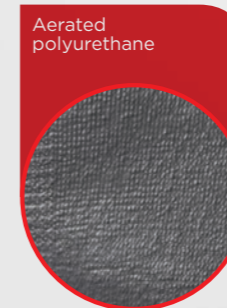
THE COATINGS OF OUR DURACOIL SERIES



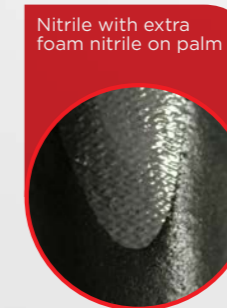
Natural Latex



Embossed microporous nitrile



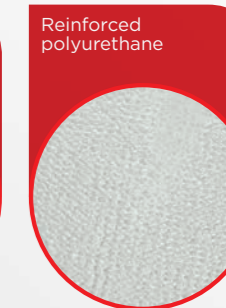
Aerated polyurethane



Nitrile with extra foam nitrile on palm



Uncoated



Reinforced polyurethane

EVERY COATING HAS ITS QUALITIES!

Within the seven styles utilizing the DURACOIL technology liner, four different polymers are used: Nitrile and Foamed Nitrile, Natural Rubber (Latex), Polyurethane. Each of these coatings are flat-dipped and offer the exceptional grip our customers know and love, along with their own unique qualities.

COATING	ADVANTAGES
<p>Polyurethane (PU)</p> <p>Microporous elastomer plastic</p>	<ul style="list-style-type: none"> • Very flexible and elastic • No latex proteins • Clean – does not shed particles like other polymers • Good resistance to abrasion • Good resistance to oil • Does not harden in the cold or soften in the heat • Excellent perspiration thanks to porous ventilation
<p>Natural Latex (Latex)</p> <p>Natural rubber mainly from latex and the rubber tree</p>	<ul style="list-style-type: none"> • Very flexible and elastic • Good grip • Good resistance to abrasion • Very robust • Waterproof • Protects against weak acids, caustics, alcohols, and detergents • Protects against viruses and bacteria
<p>Nitrile & Foamed Nitrile</p> <p>Anti-slip vulcanised synthetic rubber</p>	<ul style="list-style-type: none"> • Excellent abrasion and cut resistance • Three times the puncture resistance of latex • Good mechanical performance • Excellent grip and resistance to oil, grease, and hydrocarbons • Good resistance to acids, certain organic solvents, pesticides, oils, and fuels • No latex proteins

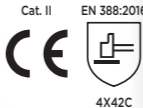
A COMPLETE RANGE OF MULTIPURPOSE CUT GLOVES

POLYURETHANE



546

Polyurethane foam coating over engineered DURACOIL liner reinforced with HPPE



► Features

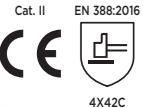
- Aerated polyurethane foam palm coating
- Abrasion resistance level 4
- Breathable open back design
- Lightweight with elastic knitted wrist

► Benefits

- PU foam coating offers good protection against oils and abrasions
- Porous ventilation in coating allows hands to breathe
- Durable PU properties do not shed or change shape in warm or cold temperatures
- Breathable back of hand reduces perspiration and keeps hands dry

546W

White reinforced polyurethane coating over engineered DURACOIL liner reinforced with HPPE



► Features

- Reinforced polyurethane palm coating
- White coating and liner
- Abrasion resistance level 4
- Breathable open back design

► Benefits

- Light colour helps identify soiling and contamination
- Reinforced polyurethane coating enhances abrasion and oil resistance compared to regular PU
- Excellent flexibility and dexterity for precision handling
- Uncoated back of hand reduces perspiration and keeps hands dry

UNCOATED



546X



Uncoated engineered DURACoil liner reinforced with HPPE

► Features

- Uncoated palm
- White liner
- Breathable design
- Lightweight with elastic knitted wrist

► Benefits

- Optimal dexterity and tactile feel retained
- Light colour helps identify soiling and contamination
- Great freedom of movement for the whole hand
- No irritation by seams coming in contact with the skin

LATEX



346



Latex coating over engineered DURACoil liner reinforced with HPPE

► Features

- Waterproof latex coated palm
- Rough textured palm finish
- Breathable open back design
- Lightweight with elastic knitted wrist

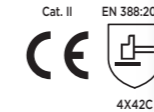
► Benefits

- Natural latex coating protects the palm and fingers from liquids, snags, and abrasions
- Breathable back of hand reduces perspiration and keeps hands dry
- Rough texturing on palm ensures exceptional grip performance
- Lightweight and durable with excellent resistance to tearing

NITRILE



386



Microporous nitrile coating over engineered DURACoil liner reinforced with HPPE

► Features

- Microporous nitrile coating with embossed palm finish
- Abrasion resistance level 4
- Breathable open back design
- Lightweight with elastic knitted wrist

► Benefits

- Microporous nitrile coating protects the hand from grease, hydrocarbons, and abrasions while remaining aerated
- Embossed nitrile palm finish disperses oil to increase grip and longevity in light oily environments
- Breathable back of hand reduces perspiration and keeps hands dry
- Good resistance to punctures and nicks on the fingers and palm



576



Foamed nitrile over ¾ dipped nitrile coating, over engineered DURACoil liner reinforced with HPPE

► Features

- ¾ dipped nitrile coating with extra foam nitrile finish on palm and fingers
- Nitrile foam anti-slip grip
- Abrasion resistance level 4
- Lightweight with elastic knitted wrist

► Benefits

- Foamed nitrile coating protects the hand from oils and abrasions while remaining breathable
- Good resistance to abrasions, punctures, and nicks on the fingers and palm
- Optimal grip performance in wet and oily conditions
- Liquid-proof to end of coated area – full hand and wrist coverage

577



Foamed nitrile over fully dipped nitrile coating, over engineered fiber reinforced with HPPE

► Features

- Full nitrile coating with extra foam nitrile finish on palm and fingers
- Nitrile foam anti-slip grip
- Abrasion resistance level 4
- Lightweight with elastic knitted wrist

A DURACOIL GLOVE FOR EVERY APPLICATION

The strategic approach to the consolidated glove series in the chart below covers all application opportunities in this space, without exception.

		Non-Abrasive	Lacerations & Snags	Durability & Tactility	Grip Handling Performance	Wet & Oil Grip Comfort		
COATING	DURACOIL product	Dry and non-abrasive environments, composite handling	Assembling sharp metal parts and components	Handling parts and assembly in dry environments	General maintenance and logistics	Handling parts and assembly in humid environments	Assembling and handling sharp-edged objects and parts in light greasy and oily environments	Assembling and handling sharp-edged objects and parts in heavy oily environments
UNCOATED	 546X							
POLYURETHANE	 546							
WHITE REINFORCED POLYURETHANE	 546W							
NATURAL LATEX	 346							
MICROPOROUS NITRILE	 386							
3/4 NITRILE WITH EXTRA FOAM NITRILE	 576							
FULLY DIPPED NITRILE WITH EXTRA FOAM NITRILE	 577							

