

TRADE CATALOGUE



EDITION 1

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WELCOME

Welcome to the first edition of the GTS Trade Catalogue.

We believe that only the best is good enough and our mission is simple; to provide you with:

THE BEST PRODUCTS

WHEN YOU NEED THEM

AT THE BEST PRICE

Our portfolio of safety clothing and equipment includes products from leading brands such as SHOWA, SKYTEC, ALPHA SOLWAY, SIOEN and DUNLOP and forms a comprehensive, technologically-advanced range to protect your customers from 'head-to-toe'.

The GTS team of industry experts are on-hand to provide you with specialist technical knowledge and our National Distribution Hub stocks extensive inventory levels, where each item is electronically processed to ensure the highest levels of accuracy are achieved in fulfilling your order.

We hope you enjoy browsing this catalogue and we're confident that you'll find the most cost-effective solutions to your safety and sourcing needs. As part of our commitment to continually improve, we constantly embrace innovation to deliver you the best-value safety products whilst remaining true to our core values.

HAND PROTECTION





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YOUR GUIDE TO CHOOSING THE RIGHT HAND PROTECTION

LINERS

Acrylic

A polymer that is resistant to water, common solvents, acids, weak alkalis, as well as abrasion. Soft and warm, it insulates from the cold. Mixed with cotton, it makes the knit more lightweight.

Aramid

Aramid is lightweight, supple, comfortable, washable. It provides effective protection from cuts and from convective heat offering durability and performance that far exceed that of leather (5 times higher) and cotton (3 times higher).

Cotton

Natural Cellulose fibre. Supple, soft, non-irritating, it provides protection from mechanical hazards, absorbs perspiration and makes continuous wearing of dipped protective gloves very comfortable.

HAGANE Coil™

Developed by SHOWA, HAGANE Coil™ is a technology that combines HAGANE stainless steel with another fibre in order to provide the very highest cut protection. The HAGANE coil shell adheres well to latex and nitrile coatings and is unaffected by UV light.

HPPE

High performance polyethylene (HPPE) is flexible, light and durable. As resistant to cutting as a para-aramid but with more resistance to abrasion, the fibre remains resistant to chemicals, in particular solvents.

Nylon

A lightweight elastic polyamide which is largely lint-free and washable, dries quickly and is resistant to abrasion and deformation. When mixed with cotton and acrylic, it makes the glove more flexible and extends its lifetime.

COATINGS

Butyl

A synthetic rubber polymer for heavy chemical protection. Butyl rubber provides excellent chemical resistance from gases including nerve agents, amines, esters, ketones and acids. Extremely soft and supple, offers good dexterity but limited mechanical durability.

HPT Foam

Hydropellent Technology (HPT) coating. The HPT process creates a spongy, soft and durable coating that repels liquids to provide a firm wet or dry grip. Encapsulated air molecules provide an inherent vibration absorption feature.

Latex

Natural rubber latex is supple, robust and provides excellent dry and wet grip. It provides protection from household aqueous cleaning detergents and good resistance to alcohols and ketones. It does contain natural rubber proteins and users can become sensitised to them.

Neoprene

This is the DuPont® registered trade name for synthetic rubber polymer Polychloroprene and is an excellent multi-chemical resistant material. Neoprene is ideally suited for handling acids and caustics, oils, greases, alcohols, ketones, petroleum based solvents and aliphatic hydrocarbons.

Nitrile

A synthetic rubber copolymer of acrylonitrile and butadiene, nitrile is ideally suited for handling fuels and aliphatic hydrocarbons. Offers good mechanical durability, but is less puncture resistant than latex.

Polyurethane (PU)

An elastomer that is resistant to wear, abrasion, tearing as well as harsh oils. Remains supple in cold conditions. Microporous, very elastic and adapts easily to all of the hand's movements.

PVC

Polyvinyl Chloride (PVC) is a synthetic resin and provides good protection from alkalis and acids. It is known for its exceptional durability and commercial attractiveness.

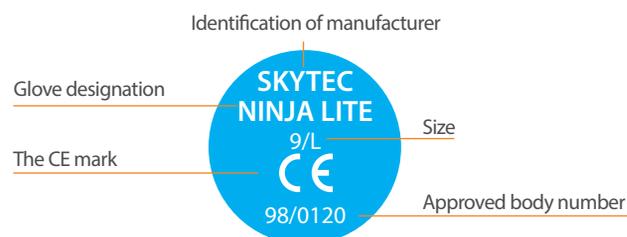
Viton

A synthetic rubber polymer for chemical protection. The main chemical classes that Viton provides excellent protection against include halogenated hydrocarbons and aromatic hydrocarbons. Viton also protects from sulphur-based chemicals and amines.

UNDERSTANDING THE STANDARDS

The Personal Protective Equipment Directives (89/686/CEE) and (93/68/CEE) have been enacted by the European Community to ensure harmonisation of regulations regarding testing of all PPE sold within the community.

All gloves of intermediate and complex design must now be tested independently to ascertain their performance and ensure their safety. They must, if they meet these standards, carry a CE Mark on the gloves, or on their packaging when this is not practical.



CATEGORISATION

Under the terms of the above directive, gloves fall into the following three categories:

CAT I - Simple Design

For minimal risks only. Suitable only for low risk applications where hazards can be identified by the wearer in time to deal with them.

CAT II - Intermediate Design

Reversible risks. Products are type examined by an approved body where they examine the manufacturers technical specifications and conduct tests for the relevant standards to ascertain their conformity and/or performance.

CAT III - Complex Design

For protection against mortal danger or risks of irreversible harm. Products are type examined by an approved body as for category II. In addition, the products and manufacturer are subject to EC quality control according to an approved quality system.

CHEMICAL RESISTANCE PERMEATION

In compliance with EN374 Standard, the breakthrough time is given as a permeation index according to the following table:

The breakthrough time (in minutes) of a chemical through the glove is measured in conditions simulating a total immersion of the glove in the chemical at 23°C. The gloves scoring the highest index have the best resistance to permeation. Index 0 denotes breakthrough time is less than 10 minutes.

Breakthrough time higher than (in minutes)	10	30	60	120	240	480
Permeation index	1	2	3	4	5	6

EUROPEAN STANDARDS (ENs)

GENERAL REQUIREMENTS EN420

Defines the general requirements for most types of protective gloves including:

- DESIGN AND CONSTRUCTION
- SUITABILITY FOR PURPOSE
- SIZING
- COMFORT AND EFFICIENCY
- INNOCUOUSNESS

Ratings

MECHANICAL HAZARDS EN388

	a	Resistance to abrasion	0-4
	b	Blade cut resistance	0-5
	c	Tear resistance	0-4
	d	Puncture resistance	0-4

THERMAL (HEAT) HAZARDS EN407

	a	Resistance to flammability	0-4
	b	Contact heat resistance	0-4
	c	Convective heat resistance	0-4
	d	Radiant heat resistance	0-4
	e	Resistance to small molten metal splash	0-4
	f	Resistance to large molten metal splash	0-4

ANTI-STATIC

	New EN1149 standard		Pass or Fail
	No pictogram is to be shown		

CHEMICAL AND MICRO-ORGANISMS EN374

	EN374-2 Resistance to penetration by micro-organisms. Referred to as acceptable quality level (AQL).	1-3
		EN374-3 Resistance to chemical hazards - permeation

PROTECTION FROM COLD EN511

	a.	Resistance to convective cold	0-4
	b.	Resistance to contact cold	0-4
	c.	Permeability of water	0-1

When scores are given, the higher the score the better the performance. 0 denotes a fail and X denotes no test.

OTHER HAND PROTECTION STANDARDS

FOOD HANDLING	RADIOACTIVE CONTAMINATION	IONISING RADIATION	LOW CHEMICAL RESISTANT



BEST SELLER

306

Breathable, water repellent, fully coated latex grip glove with an additional coating of latex to the palm. Ideal for those exposed to changeable weather conditions.



- 33 Full foam latex coating. Nylon/Polyester liner
- 33 Water repellent
- 33 Unique breathable technology allows perspiration to escape
- 33 Foam latex provides enhanced cushioning from impacts



- IDEAL FOR**
- Agriculture
 - Construction
 - Landscaping
 - Transport and Logistics
 - Utilities
 - Wet Work

BEST SELLER

310

The original 'latex grip glove'.

Flexible and robust offering great dexterity with good mechanical resistance. For heavy duty manual handling.



- 33 Natural latex coating. Cotton liner
- 33 Rough latex surface provides a tactile feel and excellent grip
- 33 Exceptional durability compared to generic imitations
- 33 Breathable back of hand to reduce perspiration



- IDEAL FOR**
- Bricklaying
 - Construction
 - General Handling
 - Highway Maintenance
 - Logistics
 - Steel and Metals

	CAT	EN388 Standard				Size and Product Codes					
	CE	Abrasion	Cut	Tear	Puncture	6/S	7/M	8/L	9/XL	10/XXL	Case Qty
306	II	2	1	2	1	SHO3061	SHO3062	SHO3063	SHO3064	SHO3065	120
						6/XS	7/S	8/M	9/L	10/XL	
310	II	2	1	4	2	-	-	SHO310Y2	SHO310Y3	SHO310Y4	120

BEST SELLER

305

For intense manual handling, latex coated palm and knuckles, good mechanical resistance.

33 Latex coated palm. Cotton liner
33 Coated knuckles for extended protection on the back of the hand
33 Rough finish over entire surface
33 Seamless liner prevents irritation

IDEAL FOR

- Cement Work
- Masonry
- Plastering and Stone work

317

High visibility grip glove with luminous markings. For manual handling in poorly-lit environments.

33 Natural latex coating. Polyester liner
33 Phosphorescent luminous markings
33 Rough latex surface provides a tactile feel and excellent grip
33 Seamless liner prevents irritation

IDEAL FOR

- Construction
- Highway Maintenance
- Masonry
- Railway Industry

330

Reinforced grip glove. Double latex coating in the area of the glove subject to most stress; between thumb and index finger.

33 Natural latex coating. Polyester / cotton liner
33 Extremely durable
33 Rough latex surface provides a tactile feel and excellent grip
33 Maximum resistance to rips

IDEAL FOR

- Construction
- Manufacturing
- Railway Industry
- Scaffolding

451

A comfortable, flexible grip glove that's pleasant to wear in cold weather. For heavy duty manual handling.

33 Natural latex coating. Acrylic/cotton/polyester liner
33 Thermal properties enhance comfort in cold conditions
33 Rough latex surface provides a tactile feel and excellent grip
33 Maximum resistance to rips

IDEAL FOR

- Agriculture
- Bricklaying
- Construction
- General Handling
- Logistics
- Maintenance

	CAT	EN388 Standard				EN511 Standard			Sizes and Product Codes				
		CE	Abrasion	Cut	Tear	Puncture	A	B	C	7/S	8/M	9/L	10/XL
305	II	2	1	4	2	-	-	-	SHO3051	SHO3052	SHO3053	SHO3054	120
317	II	2	1	4	2	-	-	-	SHO3171	SHO3172	SHO3173	SHO3174	120
330	II	2	1	4	2	-	-	-	SHO3301	SHO3302	SHO3303	SHO3304	120
451	II	2	2	4	1	0	1	0	SHO4511	SHO4512	SHO4513	SHO4514	120



BEST SELLER

370

Lightweight and resistant to deformation. Nitrile palm protects from oils, grease and abrasion, with effective grip. Ideal for precision assembly tasks.



- 33Nitrile coating. Nylon liner
- 33Lightweight and close-fitting for excellent dexterity
- 33Designed for easy movement and continuous wear
- 33Breathable back of hand to reduce perspiration
- 33Antibacterial and anti-odour treatment
- 33Seamless liner prevents irritation



- IDEAL FOR**
- Assembly
 - Final Fix
 - Maintenance
 - Construction
 - Machining
 - Warehousing

350R

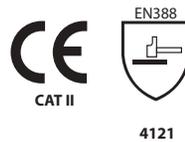


Nitrile palm protects the hand from light oils, hydrocarbons, grease and abrasion, with effective long lasting grip

- 33Nitrile coating. Cotton liner
- 33Great dexterity with effective long lasting grip for more abrasive activities
- 33Good resistance to abrasion and tearing
- 33Thick supple liner

- IDEAL FOR**
- Agriculture
 - Engineering
 - Railway Industry
 - Construction
 - Manufacturing
 - Warehousing

376R



A flexible, robust nitrile grip glove. Impermeable nitrile coatings for working in damp or oily environments.

- 33Nitrile foam coating on nitrile Cotton / nylon liner
- 33¾ coated, extra coating on palm
- 33Excellent oil grip
- 33Reinforced knit cuff

- IDEAL FOR**
- Construction
 - Handling Oily Components
 - Metal Fabrication
 - Manufacturing
 - Oil and Gas

380



Fully coated nitrile with a nitrile sponge palm. Great grip, ideal for wet and oily tasks, including oil submersion.

- 33Nitrile foam coating. Nylon liner
- 33Embossed nitrile surface disperses grease efficiently
- 33Lightweight

- IDEAL FOR**
- Construction
 - Mechanical Assembly
 - Operating Machinery
 - Maintenance
 - Warehousing

	CAT	EN388 Standard				Size and Product Codes				
	CE	Abrasion	Cut	Tear	Puncture	6/S	7/M	8/L	9/XL	Case Qty
370	II	4	1	2	1	SHO3701	SHO3702	SHO3703	SHO3704	120
376R	II	4	1	2	1	SHO3761	SHO3762	SHO3763	SHO3764	120
380	II	3	1	2	1	SHO3851	SHO3852	SHO3853	SHO3854	120
						7/S	8/M	9/L	10/XL	Case Qty
350R	II	4	2	3	1	SHO3501	SHO3502	SHO3503	SHO3504	120

BEST SELLER

377

Fully coated nitrile with a nitrile sponge palm. Great grip, ideal for wet and oily tasks, including oil submersion.

- 33Nitrile foam coating on nitrile. Polyester / nylon knit liner
- 33Impermeable
- 33Protects the hand from oils, hydrocarbons, grease and abrasion
- 33Reinforced knit cuff



4121


IDEAL FOR

- Concreting
- Engineering
- Handling Oily Components
- Manufacturing
- Oil and Gas
- Wet Work

600


Impermeable glove with a loose cuff that protects the hand against liquids and abrasion.

- 33Special PVC dipped coating over entire hand
- 33Rough finish over entire surface
- 33Knit cuff, turned and sewn
- 33Good mechanical resistance



3121

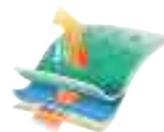

IDEAL FOR

- Agriculture
- Construction
- Forestry and Fishing
- Home and Garden

281 TEMRES


Contains a unique micro-ventilated waterproof polyurethane coating which protects the hand against liquids whilst allowing any perspiration from inside to escape.

- 33Full, double micro-ventilated polyurethane coating. Nylon liner
- 33Breathable membrane fixed between coating and liner
- 33Micro roughened non-slip coating finish containing nitrile and melamine grains



4121


IDEAL FOR

- Agriculture
- Home and Gardening
- Tiling
- Wet Work

	CAT	EN388 Standard				Size and Product Codes					
		CE	Abrasion	Cut	Tear	Puncture	6/XS	7/S	8/M	9/L	10/XL
377	II	4	1	2	1	SHO3771	SHO3772	SHO3773	SHO3774	SHO3775	120
						7/S	8/M	9/L	10/XL	-	Case Qty
600	II	3	1	2	1	SHO6001	SHO6002	SHO6003	SHO6004	-	120
281	II	4	1	2	1	SHO2811	SHO2812	SHO2813	SHO2814	-	60



BEST SELLER

ARIA

With class-leading durability, Aria protects for long periods when carrying out a multitude of manual handling tasks.



- 33Nitrile foam coating. Nylon/spandex liner
- 33Excellent grip in damp, oily and dry handling conditions
- 33Enhanced life-cycle through increased resistance to abrasion and tearing
- 33Tested for harmful substances according to Oeko-Tex Standard 100
- 33Sanitized®



IDEAL FOR

- Assembly
- Goods Handling
- Maintenance
- Automotive
- Light Fabrication
- Quality Inspection

BEST SELLER

BETA 1

LIGHTWEIGHT AND COMFORTABLE. THE NITRILE FOAM COATING EFFICIENTLY CHANNELS EXCESS LIQUID FROM THE glove's surface.



- 33Nitrile foam coating. Nylon/spandex liner
- 3318 gauge seamless liner enhances comfort and dexterity
- 33Good grip in damp, oily or dry conditions
- 33Excellent resistance to abrasion
- 33Sanitized®



IDEAL FOR

- Assembly
- Final Fix
- Handling Mildly Abrasive Surfaces
- Construction
- Goods Handling
- Light Fabrication

CAT	EN388 Standard					Size and Product Codes						
	CE	Abrasion	Cut	Tear	Puncture	6/XS	7/S	8/M	9/L	10/XL	11/XXL	Case Qty
ARIA	II	4	1	4	1	-	SKY491	SKY492	SKY493	SKY494	SKY495	120
BETA 1	II	4	1	2	1	SKY500	SKY501	SKY502	SKY503	SKY504	SKY505	120

NINJA FLEX



The seamless lightweight (15gg) liner and latex coating maintain an overall super-thin feel for enhanced dexterity, fit and comfort.

- 33 Natural latex coating. Nylon/spandex liner
- 33 Good resistance to abrasion and tearing
- 33 Excellent grip in both damp and dry environments
- 33 Elasticated wrist provides a secure fit



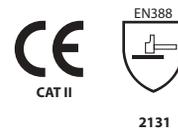
- IDEAL FOR**
- Assembly
 - Construction
 - Light Engineering
 - Logistics
 - Precision Operations

HELIUM



A durable and mechanically strong grip glove suitable for a lot of construction work and general industry assembly operations.

- 33 Crinkle latex coating. Cotton liner
- 33 Abrasion and tear resistant
- 33 Protects the hand in damp environments or against aggressive detergents and alcohols



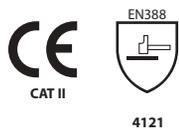
- IDEAL FOR**
- Handling Rough Objects
 - Handling Steel Bars
 - Handling Castings or Pre-fabricated Metals
 - Wire/cable Handling

KRYPTON



Durable, abrasion resistant and lightweight, Krypton protects from oils, grease and abrasion, with effective grip.

- 33 Nitrile coating. Nylon liner
- 33 A secure grip in oily conditions with a tactile touch
- 33 Breathable liner
- 33 Lint free, reducing the risk of product contamination



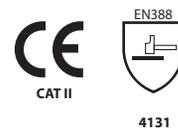
- IDEAL FOR**
- Automotive Assembly
 - Construction
 - Handling Castings
 - Plastics Manufacturing

BASALT R



A very supple, and comfortable mechanical barrier that adapts to every movement.

- 33 Polyurethane coating. Nylon liner
- 33 Abrasion and tear resistant, with a secure grip
- 33 Thin coating facilitates movement
- 33 For handling precision in dry conditions



- IDEAL FOR**
- Assembly
 - Automotive
 - Ceiling Fixing
 - Construction
 - Maintenance
 - Manufacturing

	CAT	EN388 Standard				Size and Product Codes						
		CE	Abrasion	Cut	Tear	Puncture	6/XS	7/S	8/M	9/L	10/XL	11/XL
NINJA FLEX	II	3	1	3	1		SKY191	SKY192	SKY193	SKY194	-	120
HELIUM	II	2	1	3	1		SKY101	SKY102	SKY103	SKY104	SKY105	120
KRYPTON	II	4	1	2	1		SKY231	SKY232	SKY233	SKY234	-	120
BASALT R	II	4	1	3	1	SKY410	SKY411	SKY412	SKY413	SKY414	SKY415	120



DIGIT 1



A lightweight and durable glove that enables precise handling in applications necessitating open fingertip contact.

- 33Polyurethane coating. Nylon liner
- 333 open fingertip design
- 33Abrasion and tear resistant with a secure grip
- 33For handling in dry conditions



- IDEAL FOR**
- Assembly
 - Electronics
 - General Maintenance
 - Precision Operations

RHYOLITE



Ideal for precision tasks requiring dexterity and flexibility. A very supple, stretchable and comfortable mechanical barrier that adapts to every movement.



- 33Polyurethane coating. Nylon liner
- 33Abrasion and tear resistant, with a secure grip
- 33Precision handling in dry conditions
- 33Elasticated wrist provides a secure fit

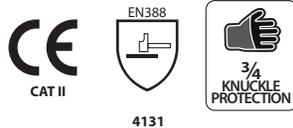
- IDEAL FOR**
- Assembly
 - General Maintenance
 - Final Fix
 - Operating Machinery

IDAHO



Provides excellent grip in oily, wet and dry handling conditions whilst maintaining good tactility.

- 33¾ HPT foam coating containing encapsulated air molecules provides an inherent cushioning effect
- 33Knuckle protection
- 33Durable and cost effective



- IDEAL FOR**
- Assembly
 - Light Engineering
 - Packaging
 - Warehousing

OHIO



Provides excellent grip in oily, wet and dry handling conditions whilst maintaining good tactility.

- 33Nylon liner
- 33HPT foam coating to palm and fingertips
- 33Breathable back of glove to minimise perspiration



- IDEAL FOR**
- Assembly
 - Light Engineering
 - Packaging
 - Precision Operations

	EN388 Standard					Size and Product Codes						
	CAT	Abrasion	Cut	Tear	Puncture	6/XS	7/S	8/M	9/L	10/XL	11/XXL	Case Qty
DIGIT 1	II	4	1	3	1	-	SKY711	SKY712	SKY713	SKY714	-	120
RHYOLITE	II	4	1	3	1	SKY300	SKY301	SKY302	SKY303	SKY304	SKY305	120
IDAHO	II	4	1	3	1		SKY061	SKY062	SKY063	SKY064	SKY065	120
OHIO	II	4	1	3	1		SKY051	SKY052	SKY053	SKY054	-	120



GP-KV1

A flexible easy-maintenance grip glove enabling safe handling of sharp materials with excellent durability.

- 33 Natural latex coating. Aramid liner
- 33 Level 4 cut resistance (EN388) (ISO 13997: 18.4N)
- 33 Rough latex surface



3444

- IDEAL FOR**
- Bodywork
 - Electrical Appliance Assembly
 - Metal Industry
 - Precision Mechanics

BEST SELLER

541

Comfort and protection when performing delicate tasks in dry and greasy handling conditions where the risk of cuts is high.



- 33 Polyurethane coating. HPPE liner
- 33 Level 3 cut resistance (EN388)
- 33 Supple and light
- 33 Maximum resistance to abrasion and tearing



4342

- IDEAL FOR**
- Bodywork
 - Electrical Appliance Assembly
 - Metal Industry
 - Precision Mechanics
 - Stamping



S-TEX 376

A robust ¾ dipped nitrile grip glove for excellent grip in oily conditions with additional protection against cuts.

- 33 Nitrile foam coating. Polyester liner with stainless steel
- 33 Protects the hand from oils and grease
- 33 ¾ coated, extra foam nitrile coating on palm
- 33 Level 4 cut resistance (EN388) (ISO 13997: 22.4N)



4441



- IDEAL FOR**
- Automotive
 - Construction
 - Glass Industry
 - Manufacturing



KV 660

An impermeable glove offering cut protection and resistance to chemicals and hydrocarbons

- 33 PVC coating. Aramid liner
- 33 Level 3 cut resistance (EN388)
- 33 Liner constructed using Kevlar® fibre



4342

JKL

- IDEAL FOR**
- Decontamination Work
 - Drilling and Boring
 - Fishing
 - Offshore



S-TEX KV3

A light and flexible latex coated glove featuring a reinforced Kevlar® liner. It far exceeds the maximum level of cut resistance specified by the EN388 standard.

- 33 Natural latex coating, stainless steel and polyester liner
- 33 Level 5 cut resistance (EN388) (ISO 13997: 40 N)
- 33 Engineered from SHOWA's patented Hagane Coil™ fibre



3544



- IDEAL FOR**
- Cropping
 - Cutting
 - Die-stamping
 - Glass Industry

	CAT	EN388 Standard				EN374-3 Standard			Size and Product Codes						
		CE	Abrasion	Cut	Tear	Puncture	J	K	L	7/S	8/M	9/L	10/XL	11/XXL	Case Qty
GP-KV1	II	3	4	4	4	4	-	-	-	SHO3201	SHO3202	SHO3203	SHO3204	-	120
KV 660	II	4	3	4	4	2	3	6	2	-	SHOKV6602	SHOKV6603	SHOKV6604	SHOKV6605	120
										6/S	7/M	8/L	9/XL	-	Case Qty
S-TEX 376	II	4	4	4	4	1	-	-	-	SHOS3761	SHOS3762	SHOS3763	SHOS3764	-	120
541	II	4	3	4	4	2	-	-	-	SHO5411	SHO5412	SHO5413	SHO5414	SHO5415	200
S-TEX KV3	II	3	5	4	4	4	-	-	-	SHO3901	SHO3902	SHO3903	SHO3904	-	120

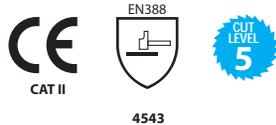


NINJA SILVER+



Outstanding cut resistance whilst maintaining a high degree of comfort and dexterity.

- 33Polyurethane coating. Nylon liner
- 33Level 5 cut resistance (EN388)
- 33Excellent grip in dry handling conditions
- 33Abrasion resistant



- IDEAL FOR**
- Assembly
 - Bottling / Canning
 - Construction
 - Engineering
 - Metal Fabrication
 - Railway Maintenance

NINJA KNIGHT



Extremely durable and delivering maximum resistance to cuts, abrasion, tearing and punctures without compromising dexterity, sensitivity and comfort.

- 33Bi-polymer coating. HPPE/ glass yarn liner
- 33Level 5 cut resistance (EN388)
- 33Maximum EN388 mechanical protection of 4-5-4-4
- 33Excellent grip in wet and dry environments



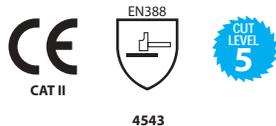
- IDEAL FOR**
- Engineering
 - Glass Industry
 - Injection Moulding
 - Metal Fabrication

T5PU



Outstanding cut resistance whilst maintaining a high degree of comfort and dexterity.

- 33Polyurethane coating. HPPE liner
- 33Level 5 cut resistance (EN388)
- 33Good resistance to abrasion and tearing
- 33Excellent grip in dry environments
- 33Elasticated wrist provides a secure fit



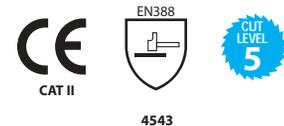
- IDEAL FOR**
- Assembly
 - Construction
 - Engineering
 - Injection Moulding
 - Metal Fabrication
 - Precision Operations

FLECTA-5



High visibility foam nitrile grip glove offering level 5 cut resistance. For manual handling in poorly-lit environments.

- 33Micro foam nitrile coating. HPPE, steel and polyester liner
- 33Level 5 cut resistance (EN388)
- 33Visible even in poor and fading light
- 33Excellent grip in dry and greasy conditions



- IDEAL FOR**
- Construction
 - Glass Industry
 - Highway/Roads
 - Metal Fabrication
 - Rail Industry
 - Waste Management

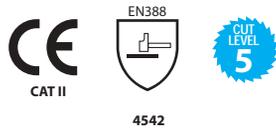
	CAT	EN388 Standard				Size and Product Codes						
	CE	Abrasion	Cut	Tear	Puncture	6/XS	7/S	8/M	9/L	10/XL	11/XXL	Case Qty
NINJA SILVER+	II	4	5	4	3	SKY290	SKY291	SKY292	SKY293	SKY294	-	120
NINJA KNIGHT	II	4	5	4	4	-	SKY271	SKY272	SKY273	SKY274	SKY275	120
FLECTA-5	II	4	5	4	3	-	SKY821	SKY822	SKY823	SKY824	-	120
T5PU	II	4	5	4	3	-	SKY761	SKY762	SKY763	SKY764	-	120



THETA 5

A extremely durable and flexible glove offering maximum level 5 cut resistance. The micro capillaries in the nitrile sponge coating draw liquid away from the surface to ensure secure handling.

- 33Nitrile sponge coating. HPPE liner
- 33Level 5 cut resistance (EN388)
- 33Excellent grip in wet, oily or dry conditions
- 33Green colouring for high visibility
- 33Outstanding resistance to tearing and abrasion



IDEAL FOR

- Engineering
- Glass Industries
- Injection Moulding
- Metal Fabrication
- Oily Components with Sharp Edges
- Wiring



NINJA X4

A supple and lightweight glove offering a level 4 cut resistance whilst maintaining dexterity and comfort.

- 33Bi-polymer coating. Glass fibre/nylon liner
- 33Durable and cost effective
- 33Level 4 cut resistance (EN388)
- 33Excellent grip in dry and wet conditions
- 33Silicone-free



IDEAL FOR

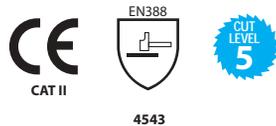
- Assembly
- Bottling and Canning
- Construction
- Engineering
- General Handling
- Packaging



DIGIT 5

A maximum cut level 5 barrier to the non-exposed parts of the hand whilst enabling precise handling in applications necessitating open fingertip contact.

- 33Polyurethane coating. HPPE/synthetic liner
- 33Level 5 cut resistance (EN388)
- 333 open fingertip design
- 33Highest levels of resistance to abrasions, cuts and rips



IDEAL FOR

- Assembly
- Construction
- Engineering
- Goods Handling
- Light Fabrication
- Second Fix

EN388: 2003 Blade cut resistance



B BLADE CUT RESISTANCE	
Based on the number of cycles required to cut through the sample at a constant speed	
FACTOR	RATING
20.0	5
10.0	4
5.0	3
2.5	2
1.2	1
<1.2	0



	CAT	EN388 Standard				Size and Product Codes					
		Abrasion	Cut	Tear	Puncture	7/S	8/M	9/L	10/XL	11/XXL	Case Qty
THETA 5	II	4	5	4	2	SKY521	SKY522	SKY523	SKY524	SKY525	120
NINJA X4	II	4	4	3	2	SKY031	SK032	SKY033	SKY034	SKY035	120
DIGIT 5	II	4	5	4	3	SKY731	SKY732	SKY733	SKY734	-	120



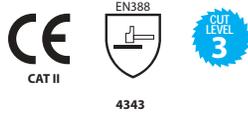
G3PU



A supple and lightweight glove offering a good cut resistant barrier whilst maintaining dexterity and comfort.

33 Polyurethane coating. HPPE/ synthetic liner

33 Precise handling of small components in dry conditions



- IDEAL FOR**
- Assembly
 - Automotive
 - Construction
 - Light Fabrication

SAPPHIRE



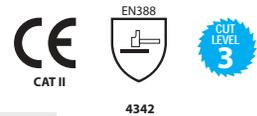
Flexibility and dexterity are guaranteed with this ultra lightweight cut level 3 glove. Allows precise handling of sharp components in dry conditions.

33 Polyurethane coating. HPPE liner

33 Level 3 cut resistance (EN388)

33 Offers a combination of comfort, dexterity and cut resistance

33 Secure grip in dry conditions



- IDEAL FOR**
- Assembly
 - Bottling/Canning
 - Construction
 - Engineering

DIGIT 3



A cut level 3 barrier to the non-exposed parts of the hand whilst enabling precise handling in applications necessitating open fingertip contact.

33 Polyurethane coating. HPPE/ synthetic liner

33 Liner provides high levels of resistance to abrasion and rips



- IDEAL FOR**
- Assembly
 - Cabling
 - Light Fabrication
 - Second Fix

GAMMA 3



An extremely durable and flexible glove offering level 3 cut resistance. The micro capillaries in the nitrile sponge draw liquid away from the surface to ensure secure handling.

33 Nitrile sponge coating. HPPE/ glass liner

33 Excellent resistance to abrasion



- IDEAL FOR**
- Automotive
 - Assembly
 - Goods Handling
 - Light Fabrication

CIRRUS



A supple and lightweight glove offering a good cut resistant barrier whilst maintaining dexterity and comfort.

33 Polyurethane coating. HPPE nylon liner

33 Outstanding flexibility

33 Level 3 cut resistance (EN388)

33 Secure grip in dry environments



- IDEAL FOR**
- Assembly
 - Bottling/Canning
 - Engineering
 - Second Fix

	EN388 Standard					Size and Product Codes					
	CAT	Abrasion	Cut	Tear	Puncture	7/S	8/M	9/L	10/XL	10/XXL	Case Qty
G3PU	II	4	3	4	3	SKY751	SKY752	SKY753	SKY754	-	120
SAPPHIRE	II	4	3	4	2	SKY661	SKY662	SKY663	SKY664	-	120
DIGIT 3	II	4	3	4	3	SKY721	SKY722	SKY723	SKY724	-	120
GAMMA 3	II	4	3	4	3	SKY511	SKY512	SKY513	SKY514	SKY515	120
CIRRUS	II	4	3	4	3	SKY461	SKY462	SKY463	SKY464	SKY465	120

BEST SELLER

ARGON

Featuring a soft, thermal lining and a durable HPT foam coating that extends across the knuckles, Argon provides excellent warmth, grip and protection even in damp environments.



- 33HPT foam coating. Nylon liner
- 33Durable glove that remains flexible to temperatures as low as -50°C
- 33Coating extends across the palm, knuckles and fingers to provide greater protection even in wet environments
- 33Double insulated and soft lining
- 33Secure grip
- 33Excellent dexterity, flexibility and durability
- 33Encapsulated air molecules provide an inherent cushioning effect

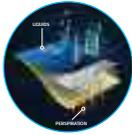


- IDEAL FOR**
- Cold Storage
 - Maintenance
 - Offshore Applications
 - Oil and Gas
 - Packaging
 - Utilities



CAT	EN388 Standard				EN511 Standard			Size and Product Codes				
CE	Abrasion	Cut	Tear	Puncture	A	B	C	7/S	8/M	9/L	10/XL	Case Qty
II	3	2	3	2	0	2	0	SKY081	SKY082	SKY083	SKY084	120

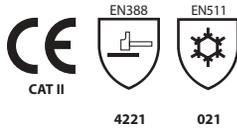
COLD RESISTANT



282 TEMRES

Warmth and protection from liquids in cold conditions, with the comfort of a breathable glove.

- 33Micro-ventilated polyurethane coating. Nylon / acrylic liner
- 33Breathable technology keep hands dry
- 33Micro roughened coating finish provides excellent grip



- IDEAL FOR**
- Cold Storage
 - Commercial Fishing
 - Maritime
 - Refrigerated Vehicles



451

A comfortable, flexible grip glove that's pleasant to wear in cold weather. For heavy duty manual handling.

- 33Natural latex coating. Acrylic/ cotton/polyester liner
- 33Thermal properties enhance comfort in cold conditions
- 33Rough latex surface provides a tactile feel and excellent grip
- 33Maximum resistance to rips



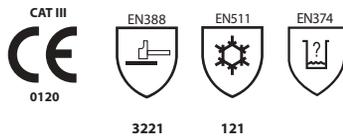
- IDEAL FOR**
- Agriculture
 - Bricklaying
 - Construction
 - General Handling
 - Logistics
 - Maintenance



460

This durable double-dipped medium-weight PVC glove is strong, yet extremely soft and flexible even at cold temperatures.

- 33PVC coating. Aramid liner
- 33Excellent dexterity and suppleness in cold and damp conditions
- 33Flexible to -20°C
- 33Oil and chemical resistant
- 33Thickness: 1.10mm



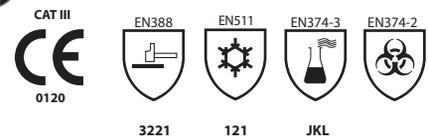
- IDEAL FOR**
- Cold Storage
 - Commercial Fishing
 - Construction
 - Refrigerated Warehouses and Vehicles



490

This durable heavyweight PVC glove is strong, yet extremely soft and flexible even at cold temperatures.

- 33PVC coating insulated acrylic liner
- 33Hydrocarbon treated
- 33Flexible to -20°C
- 33Oil and chemical resistant
- 33Thickness: 1.50mm



- IDEAL FOR**
- Cold Storage
 - Commercial Fishing
 - Offshore
 - Petro Chemicals

CAT	EN388 Standard					EN511 Standard			EN374 Standard			Size and Product Codes				
	CE	Abrasion	Cut	Tear	Puncture	A	B	C	J	K	L	8/M	9/L	10/XL	11/XXL	Case Qty
282	II	4	2	2	1	0	2	1	-	-	-	SHO2822	SHO2823	SHO2824	SHO2825	60
460	III	3	2	2	1	1	2	1	-	-	-	SHO4602	SHO4603	SHO4604	-	60
												7/S	8/M	9/L	10/XL	Case Qty
451	II	2	2	4	1	0	1	0	-	-	-	SHO4511	SHO4512	SHO4513	SHO4514	120
490	III	3	2	2	1	1	2	1	2	6	2	-	SHO4902	SHO4903	SHO4904	60

477

BEST SELLER

Premium combination of cold protection and oil resistant grip. Insulated liner protects from cold ensuring warmth and comfort all day long whilst the dual nitrile coating technology provides long lasting grip in wet and oily conditions.

- 33 Full nitrile coating combined with an additional coating of nitrile foam to the palm
- 33 Polyester / nylon knit / acrylic liner
- 33 Impermeable double-engineered nitrile coating
- 33 Fixed, insulated liner
- 33 Highly flexible and resistant to abrasion and tearing
- 33 Wrist well protected
- 33 Seamless for optimum comfort



CAT II

4231

011

RESISTS COLD TEMPS

WATER PROOF

DUAL COATING TECHNOLOGY

OIL GRIP

- IDEAL FOR**
- Agriculture
 - Fuel Transport
 - Oil and Gas
 - Commercial Fishing
 - Mechanics
 - Petro Chemicals
 - Drilling and Boring
 - Offshore
 - Public Works

CAT	EN388 Standard				EN511 Standard			Size and Product Codes				
CE	Abrasion	Cut	Tear	Puncture	A	B	C	7/M	8/L	9/XL	10/XXL	Case Qty
II	4	2	3	1	0	1	1	SHO4772	SHO4773	SHO4774	SHO4775	60



Tricolore Range™

See the difference. Feel the difference.



LOW CUT RESISTANCE

EN388 CUT LEVEL **1**



INTERMEDIATE CUT RESISTANCE

EN388 CUT LEVEL **3**



HIGH CUT RESISTANCE

EN388 CUT LEVEL **5**

USING A SIMPLE COLOUR-CODED SCHEME, THE SKYTEC TRICOLORE RANGE PROVIDES AN EICIENT WAY OF IDENTIFYING AND MONITORING GLOVE SUITABILITY FOR applications requiring protection against cuts.

The system includes gloves colour-coded to symbolise varying levels of cut resistance in line with EN388 requirements.

A range of gloves offering resistance to Cuts, Abrasion, Tearing and Puncture

NINJA FLEX

Seamless lightweight (15gg) liner and latex coating



See Page 13

BETA 1™

18gg seamless nylon liner with a patented nitrile foam palm coating



See Page 12

DIGIT 1™

3 open fingertip design, nylon liner and a polyurethane palm



See Page 14

G3 PU™

HPPE liner with a polyurethane palm



See Page 18

GAMMA 3™

HPPE liner with a sponge nitrile palm coating



See Page 18

DIGIT 3™

3 open fingertip design, HPPE liner and a polyurethane palm



See Page 18

T5 PU™

HPPE liner with a polyurethane palm



See Page 16

THETA 5™

HPPE liner with a sponge nitrile palm coating



See Page 17

DIGIT 5™

3 open fingertip design, HPPE liner and a polyurethane palm



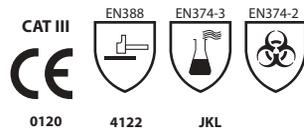
See Page 17



379

Fully coated nitrile with a nitrile sponge palm providing excellent grip in wet and oily conditions whilst protecting from chemicals.

- 33 Nitrile foam coating on nitrile. Polyester/nylon knit liner
- 33 Patented SHOWA nitrile foam technology
- 33 Impermeable
- 33 Protects the hand and forearm from oils, chemicals, grease and abrasion
- 33 Seamless for optimum comfort
- 33 Excellent wet and oil grip



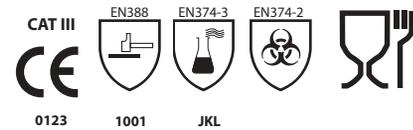
- IDEAL FOR**
- Chemical Industry
 - Concreting
 - Construction
 - Maintenance
 - Oil and Gas
 - Petro Chemicals



707

A hybrid nitrile glove offering protection against chemicals whilst also being approved for handling foodstuffs.

- 33 Nitrile coating. Unlined
- 33 Prevents ingress from oils, greases and fats
- 33 Protection from most chemical based detergents
- 33 Superior dexterity and comfort even over a cut-resistant liner
- 33 Tractor tread grip pattern



- IDEAL FOR**
- Chemical Industry
 - Cleaning
 - Fibreglass Manufacturing
 - Food Industry
 - Laboratories
 - Pharmaceutical

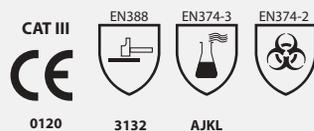
BEST SELLER



720R

A fine, supple glove offering high resistance to chemicals and excellent protection against abrasion. For demanding tasks that require manual exertion in wet handling conditions.

- 33 Nitrile coating. Nylon/polyester liner
- 33 Exceptional durability, flexibility, dexterity and comfort
- 33 Antibacterial and anti-odour treatment



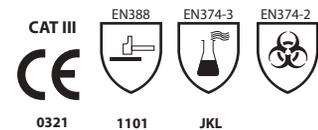
- IDEAL FOR**
- Chemical Industry
 - Construction
 - Food Industry
 - Laboratories
 - Petro Chemicals
 - Solvents



730

Resistant to a broad range of solvents, animal fats and other chemicals. A bisque grip finish makes wet work easier.

- 33 Nitrile coating. Cotton flock liner
- 33 Flock-lined for enhanced comfort
- 33 Chlorinated
- 33 Bisque grip finish



- IDEAL FOR**
- Automotive
 - Chemical Industry
 - Janitorial
 - Municipal Services

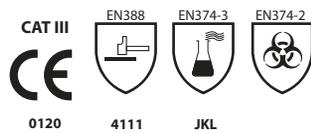
CAT	EN388 Standard					EN374-3 Standard				Size and Product Codes						
	CE	Abrasion	Cut	Tear	Puncture	A	J	K	L	7/S	8/M	9/L	10/XL	11/XXL	-	Case Qty
379	III	4	1	2	2	-	3	6	2	-	SHO3792	SHO3793	SHO3794	SHO3795	-	60
720	III	3	1	3	2	2	6	6	3	SHO7201	SHO7202	SHO7203	SHO7204	SHO7205	-	120
										6/XS	7/S	8/M	9/L	10/XL	11/XXL	Case Qty
707	III	1	0	0	1	-	2	2	2	BST7070	BST7071	BST7072	BST7073	BST7074	BST7075	6*
730	III	1	1	0	1	-	2	2	2	BST7300	BST7301	BST7302	BST7303	BST7304	BST7305	144

*Bags of 25 pairs


771

A durable and supple glove containing Showa proprietary sewing technology in its liner which keeps the thumb crotch stress-free without hindering movement and dexterity.

- 33 Nitrile coating. Cotton liner
- 33 Rough surface enhances grip and durability
- 33 Antibacterial and anti-odour treatment
- 33 Scalloped edge

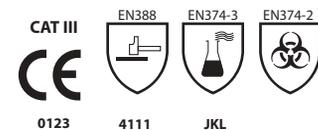


- IDEAL FOR**
- Chemical Industry
 - Cleaning
 - Construction
 - Industrial Maintenance
 - Janitorial
 - Mechanics


772

Long sleeve version of the 771. Integrated glove and sleeve.

- 33 Nitrile coating. Cotton liner
- 33 Arm protected up to the shoulder
- 33 Elasticated seal for a secure fit
- 33 Easy hang storage
- 33 Ventilation eyelet
- 33 Length: 650mm

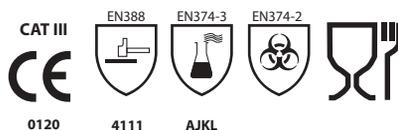


- IDEAL FOR**
- Drilling and Boring
 - Engine Servicing
 - Janitorial
 - Mechanics
 - Packing of Chemicals
 - Substance Handling


NSK24

Providing excellent protection from a wide array of solvents, oils and acids, NSK24 also delivers a secure grip in even the most oily and wet handling conditions.

- 33 Double nitrile coating. Cotton/polyester liner
- 33 Resists Hydrochloric Acid (37%)
- 33 Rough textured finish
- 33 Approved for food handling

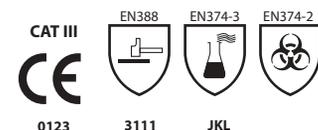


- IDEAL FOR**
- Agriculture
 - Chemical Industry
 - Food Industry
 - Laboratories


6784

This durable neoprene glove is suitable for many heavy-duty chemical handling applications. Neoprene is the ideal choice for handling acids and caustics.

- 33 Neoprene coating. HPPE liner
- 33 Abrasion and tear resistant, with a secure grip
- 33 Thin coating facilitates movement



- IDEAL FOR**
- Acid Components
 - Chemical Industry
 - Offshore
 - Petro Chemicals
 - Refineries
 - Solvents

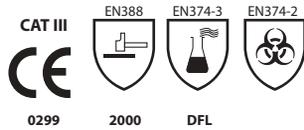
	CAT	EN388 Standard				EN374-3 Standard				-	Size and Product Codes			
		CE	Abrasion	Cut	Tear	Puncture	A	J	K		L	8/M	9/L	10/XL
771	III	4	1	1	1	-	5	6	2	-	SHO7712	SHO7713	SHO7714	120
772	III	4	1	1	1	-	5	6	2	-	SHO7722	SHO7723	SHO7724	60
										8/S	9/M	10/L	11/XL	Case Qty
NSK24	III	4	1	1	1	2	2	2	-	BSTNSK241	BSTNSK242	BSTNSK243	BSTNSK244	72
6784	III	3	1	1	1	-	5	6	6	-	-	BST6784B3	-	36



892

Viton Fluoroelastomer rubber provides superior resistance to highly corrosive acids and is excellent for handling aliphatic and aromatic hydrocarbons.

- 33Viton over Butyl coating. Unlined
- 33Smooth finish
- 33Available by individual pair in poly bag with eyelet



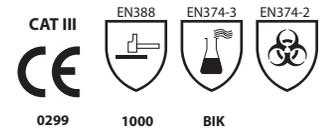
- IDEAL FOR**
- Chemical Industry
 - Petro Chemicals
 - Manufacturing
 - Oil and Gas



874

Excellent tactility and superior resistance to highly corrosive acids. The Butyl rubber also provides the highest permeation resistance to toxic gases and water vapours.

- 33Butyl coating. Unlined
- 33Smooth finish
- 33Available by individual pair in poly bag with eyelet



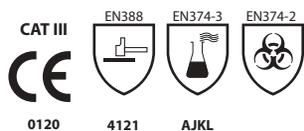
- IDEAL FOR**
- Chemical Industry
 - Petro Chemicals
 - Manufacturing
 - Oil and Gas



660ESD

A high-performance oil resistant glove that is also suitable for wearing in ESD (electrostatic discharge) protection zones.

- 33PVC coating. Cotton knit liner
- 33Excellent abrasion resistance
- 33Rough surface enhances grip
- 33Surface resistivity 10^8 to 10^9



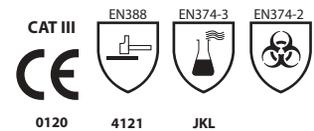
- IDEAL FOR**
- Aircraft Refuelling
 - Chemical Handling
 - Chemical Processing
 - Flammable Substances
 - Fuel Tankers
 - Petro Chemicals



690

A fully coated PVC dipped glove offering excellent resistance to oils and protection to the entire arm.

- 33PVC coating. Cotton liner
- 33Excellent abrasion resistance
- 33Arm protected up to the shoulder
- 33Easy hang storage
- 33Length: 650mm



- IDEAL FOR**
- Agriculture
 - Commercial Fishing
 - Dipping
 - Decontamination Work
 - Drain/Sewer Cleaning
 - Municipal Services

CAT	EN388 Standard					EN374 Standard			Size and Product Codes					
	CE	Abrasion	Cut	Tear	Puncture	D	F	L	7/S	8/M	9/L	10/XL	11/XXL	Case Qty
892	III	2	1	0	1	4	6	6	-	-	BST8923	BST8924	-	12
						B	I	K						
874	III	1	0	0	0	2	2	6	BST8741	BST8742	BST8743	BST8744	BST8745	12
						J	K	L						
660ESD	III	4	1	2	1	3	6	6	-	-	SHO6703	SHO6704	-	120
690	III	4	1	2	1	3	6	6	-	SHO6902	SHO6903	SHO6904	SHO6905	60

**BEST
SELLER**



660

These durable heavyweight gloves are strong, yet extremely soft and flexible. The gloves are also oil resistant and chemical resistant.

- 33Triple dipped PVC coating. Cotton liner
- 33Excellent dexterity and durability
- 33Length: 30 cm
- 33Seamless for optimum comfort
- 33Rough surface enhances grip and durability
- 33Antibacterial and anti-odour treatment
- 33Other length variants available: 34cm (660/34) and 36cm (660/36)



CAT III
0120



4121



JKL



IDEAL FOR

- Agriculture
- Commercial Fishing
- Drilling and Boring
- Fuel Transport
- Mechanics
- Offshore
- Oil and Gas
- Petro Chemicals
- Public Works

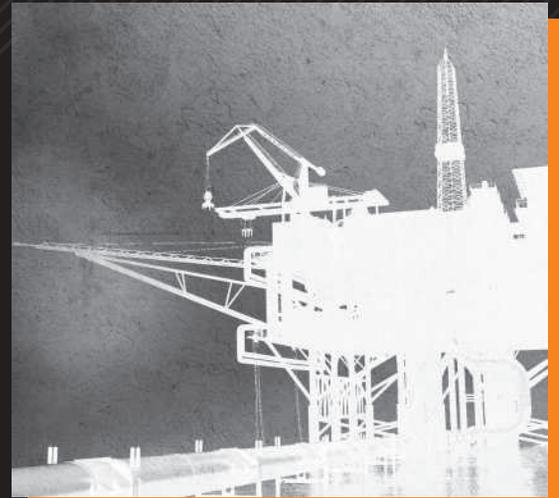


CAT	EN388 Standard				EN374 Standard			Size and Product Codes				
	Abrasion	Cut	Tear	Puncture	J	K	L	8/M	9/L	10/XL	11/XXL	Case Qty
III	4	1	2	1	3	6	3	SHO6602	SHO6603	SHO6604	SHO6605	120

IMPACT PROTECTION

Impact-resistant gloves revolutionised hand protection in the oil and gas industry where injuries from impacts, crushes and pinches are prevalent.

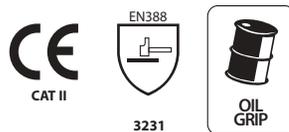
Directly-injected Thermo Plastic Rubber (TPR) impact shields on the back of these gloves add continuous protection from fingertip to wrist and can flex with hand movement to aid dexterity. The TPR shields absorb the blunt force of impacts and can give the wearer the crucial seconds to remove their hand from the glove when a heavy impact occurs.



TORQUE STEALTH

Anti-impact glove with excellent grip and abrasion resistance.

- 33**Durable double synthetic leather construction
- 33**Dense, moulded TPR protection zones on knuckles, fingers, thumb and back of hand
- 33**Velcro-fastening cuff
- 33**Textured grip reinforced with Kevlar® applied to thumb and index finger
- 33**oil and water-resistant
- 33**Anti-slip technology for enhanced cushioned grip
- 33**Neoprene cuff resists snagging and offers a secure fit
- 33**Black colouring extends wearable life



- IDEAL FOR**
- Cargo Handling
 - Demolition
 - Drilling
 - Extraction and Refining
 - Heavy Construction
 - Mining

CAT	EN388 Standard					Size and Product Codes				
	CE	Abrasion	Cut	Tear	Puncture	8/M	9/L	10/XL	11/XXL	Case Qty
TORQUE STEALTH	II	3	2	3	1	SKY852	SKY853	SKY854	SKY855	60

TORQUE FLEX

High-Viz anti-impact glove with excellent grip and abrasion resistance.



33 Laminated polyester and PVC coating, synthetic leather, PU and nylon palm

33 Durable double synthetic leather construction

33 Dense, moulded TPR protection zones on knuckles, fingers, thumb and back of hand

33 Textured grip reinforced with Kevlar® applied to thumb and index finger

33 Oil and water resistant

33 Hi-vis colour for hand signalling

33 Anti-slip technology for enhanced cushioned grip

33 Neoprene cuff resists snagging and offers a secure fit



CAT II



3231



IDEAL FOR

- Cargo Handling
- Demolition
- Drilling
- Extraction and Refining
- Heavy Construction
- Mining

CAT	EN388 Standard				Size and Product Codes				
	Abrasion	Cut	Tear	Puncture	8/M	9/L	10/XL	11/XXL	Case Qty
TORQUE FLEX II	3	2	3	1	SKY862	SKY863	SKY864	SKY865	60



TEAL

Premium performance, powder-free, nitrile single use disposable glove. Extremely strong and offers greater chemical and puncture resistance than regular nitrile disposables.

- 33 Premium performance NBR nitrile
- 33 Resistant to oils, acids and many chemicals
- 33 Powder-free, latex-free, non-sterile
- 33 Lightweight with a 'second skin' feel
- 33 0.12mm thick



- IDEAL FOR**
- Chemical Applications
 - Emergency Services
 - Food Handling
 - Laboratory Work
 - Paint Spraying
 - Petroleum and Oil Industry



UTAH

High performance, powder-free, nitrile single use disposable glove. Significantly stronger alternative to latex.

- 33 Resistant to oils, acids and many chemicals
- 33 Comfortable with a 'second skin' feel
- 33 Powder-free, latex-free, non-sterile
- 33 Textured finish
- 33 0.11mm thick



- IDEAL FOR**
- Chemical Industry
 - Manufacturing
 - Oil and Gas
 - Petro Chemicals
 - Food Handling



IRIS

High performance, powder-free, nitrile single use disposable glove. Significantly stronger alternative to latex.

- 33 Powder-free, latex free, non sterile
- 33 Comfortable with a 'second skin' feel
- 33 Resistant to oils, acids and many chemicals
- 33 Textured fingertips
- 33 0.11mm thick



- IDEAL FOR**
- Chemical Applications
 - Emergency Services
 - Laboratory Work
 - Paint Spraying
 - Petroleum and Oil Industry
 - Food Handling



MICHIGAN

High quality vinyl, single use disposable glove approved for food handling.

- 33 Smooth finish with a high tensile strength
- 33 Powder-free, non-sterile
- 33 Approved for food-handling
- 33 AQL 4.0 (Blue) / AQL 1.5 (Clear)



- IDEAL FOR**
- Fabrication
 - Food Manufacturing and Handling
 - Janitorial/Domestic Work
 - Product Protection

	CAT	EN374-3 Standard			Size and Product Codes				Case Qty
		Sodium Hydroxide 40%	N-Heptane	Methanol	7/S	8/M	9/L	10/XL	
TEAL	III	6	2	0	SKYTEAL1	SKYTEAL2	SKYTEAL3	SKYTEAL4	10 boxes, 100 singles per box
UTAH	III	6	6	0	SKYUTAH1	SKYUTAH2	SKYUTAH3	SKYUTAH4	10 boxes, 100 singles per box

	CAT	EN374-3 Standard			Size and Product Codes				Case Qty
		A	J	K	7/S	8/M	9/L	10/XL	
IRIS	III	0	6	6	SKYIRIS1	SKYIRIS2	SKYIRIS3	SKYIRIS4	10 boxes, 100 singles per box
MICHIGAN	Min. Risk	-	-	-	SKYMICHL1	SKYMICHL2	SKYMICHL3	SKYMICHL4	10 boxes, 100 singles per box

WORKING HANDS MOISTURISING HAND CREAM

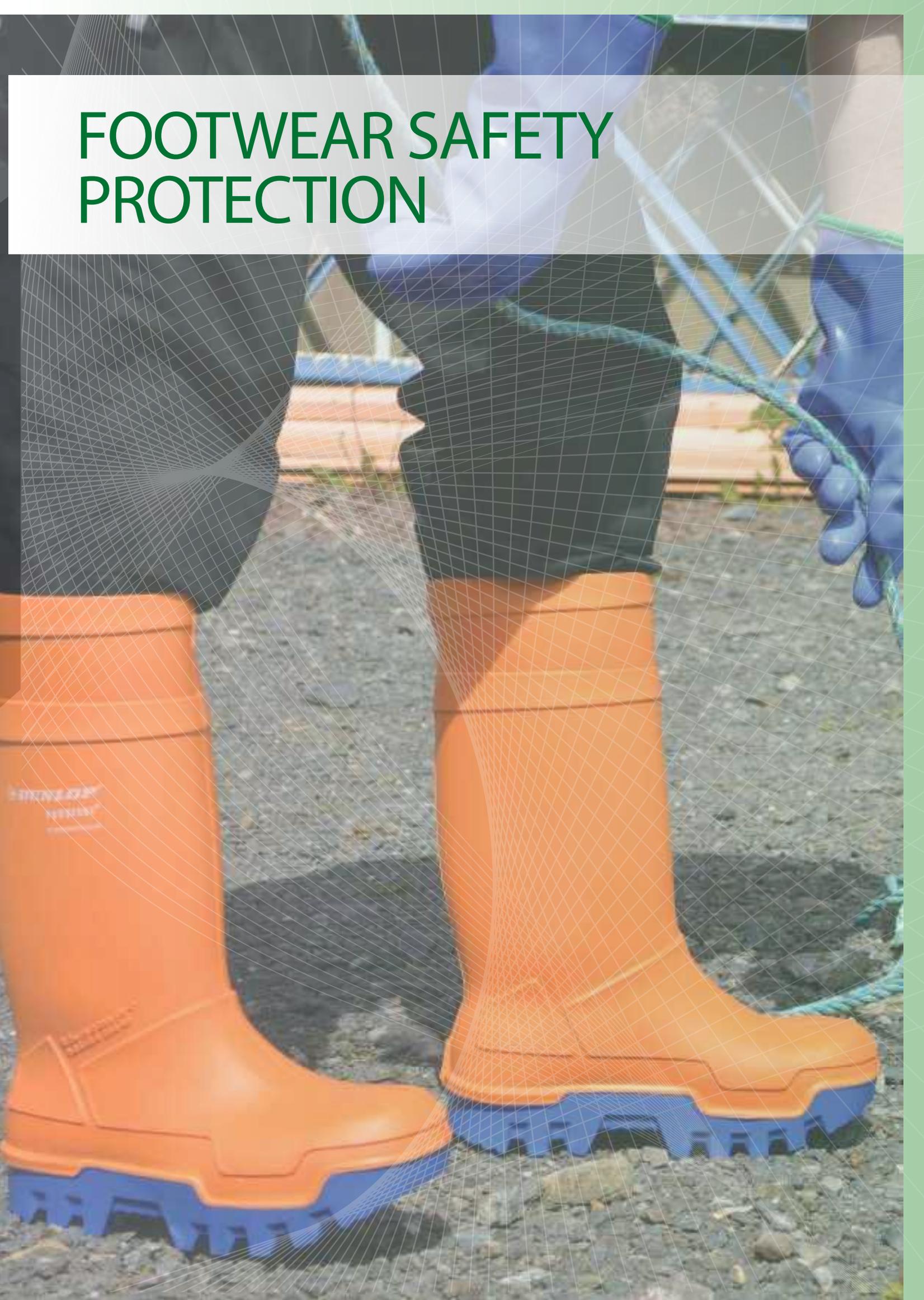
O'Keeffe's Working Hands is a unique formula of moisturising ingredients guaranteed to improve dry skin. Parched, barren earth needs water. The same goes for rough, dry skin.

- 33 Guaranteed relief for dry hands that crack and split
- 33 High concentration of Glycerin which retains moisture
- 33 Contains Allantoin; an odourless, non-toxic, non-allergenic skin-protectant
- 33 Removes dead skin cells penetrate and absorb moisture
- 33 Unique formulation Improves the health of your skin



	Product Code
Hand Cream	GORILLAHANDS

FOOTWEAR SAFETY PROTECTION





TYPE	PAGE
	General Purpose 36
	Safety Shoes / Trainers 37
	Waterproof & Safety Wellingtons 38 - 40
	Riggers 41
	Composite 42
	High Performance 43
	Accessories 44 - 45

YOUR GUIDE TO CHOOSING THE RIGHT FOOTWEAR

All of our footwear conforms to EN345 giving 200 joules of toe protection and EN346 giving 100 joules of toe protection.

ESD– Electro Static Dissipative footwear

ESD footwear is designed for the electronic components manufacturing and assembly industries.

ESD conforms to BSEN 100015/1 to be superseded by IEC 61340-4-3.

Sole Resistance	Heat Solvents	Oil	Acids/Alkalis (Low concentration)	Solvents
Dual Density Rubber/PU	200° C*	3	3	3
Rubber	200° C*	3	3	3
Dual Density PU	200° C	3	3	3
PVC/Nitrile	130° C	3	3	3
PVC	90° C	3	3	3
Thermo Plastic Urethane (TPU)	200° C	3	3	3

FOOTWEAR KEY



OIL RESISTANT



COMPOSITE SOLE



COMPOSITE TOE



ELECTRO-STATIC



WATER RESISTANT



WATERPROOF



ANTI-STATIC



HEAT RESISTANT



TOE PROTECTION



MIDSOLE



SHOCK ABSORPTION



LIGHTWEIGHT

CATEGORIES/MARKING OF SAFETY FOOTWEAR

SB	Toe protection tested to 200 joules impact and 15000 newton compression	E	Heel energy absorption 20 joules
S1	Safety Footwear Leather Upper plus Antistatic and Energy Absorbing Heel	CI	Insulation against cold
S2	As S1 plus water resistant upper	HRO	Resistance to High Heat (300°C)
S3	As S2 plus penetration-resistant sole	P	Penetration resistance 1100 Newtons
S5	Upper from all rubber or polymeric material plus P plus cleated sole	WRU	Water penetration resistant uppers
W/P	Waterproof lined	A	Anti-static Range 100kΩ - 1000mΩ

SLIP RESISTANT STANDARDS

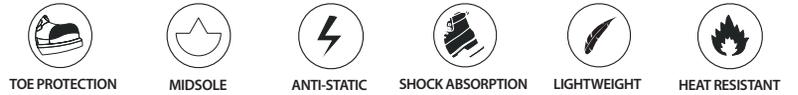
Slip Rating	Test Method	Test	Coefficient Friction Requirement
SRA	Footwear tested on ceramic tile floor with sodium lauryl solution	Forward heel slip Forward flat slip	Not less than 0.28 Not less than 0.32
SRB	Footwear tested on steel floor with glycerol	Forward heel slip Forward flat slip	Not less than 0.13 Not less than 0.18
SRC	Tested and conforms to both of the above methods	Product meets all of the requirements of SRA and SRB	

PB 23BLK



Black, lightweight dual-density PU Derby boot that's suitable for most industrial applications and also ideal for driving.

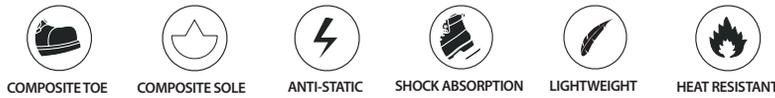
- 33Breathable, full grain black leather upper with PU tongue and collar
- 33Abrasion-resistant, moisture-wicking textile lining
- 33Steel toe cap resistant to 200J
- 33Textile pierce-resistant midsole; min. 1100N
- 33Lightweight dual-density PU soling system with anti-static properties, shock absorption, heat resistance to 120°C



PB 8 TORNADO HIGH

Black/blue, lightweight, non-metal hiker that's suitable for use in environments where METAL DETECTORS ARE PRESENT AS WELL AS IN LOGISTICS, MANUFACTURING AND OICES

- 33Breathable, full grain black leather upper with textile tongue and collar
- 33B-dry abrasion-resistant, moisture-wicking textile lining coloured blue
- 33Lightweight polycarbonate toe cap resistant to 200J
- 33Textile pierce-resistant midsole; min. 1100N
- 33Lightweight, injected dual density PU/PU soling system with anti-static properties, shock absorption, heat resistance to 120°C
- 33Breathable and washable footbed

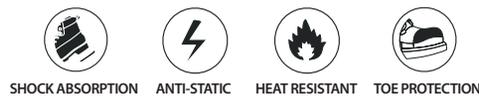


PB 10C

Black, dual-density rubber safety boot that's suitable for heavy-duty applications.



- 33 Breathable, full grain black leather upper with textile tongue and collar
- 33 Abrasion-resistant, moisture-wicking textile lining
- 33 Steel toe cap resistant to 200J
- 33 Overcap helps prevent leather wearing away on the toe when kneeling
- 33 Stainless steel midsole; min. 1100N
- 33 Dual-density rubber soling system with anti-static properties, shock absorption, heat resistance to 300°C
- 33 Breathable and washable footbed

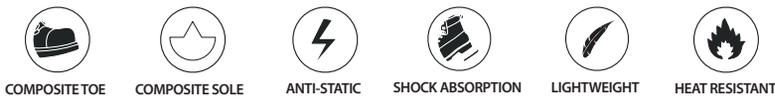


	COLOUR	SIZE RANGE												CATEGORY	SLIP RESISTANCE
		3	4	5	6	7	8	9	10	11	12	13	14		
PB23BLK	Black	-	PB23BLK4	PB23BLK5	PB23BLK6	PB23BLK7	PB23BLK8	PB23BLK9	PB23BLK10	PB23BLK11	PB23BLK12	PB23BLK13	PB23BLK14	S3	SRC
PB 8	Black	-	PB8H04	PB8H05	PB8H06	PB8H07	PB8H08	PB8H09	PB8H10	PB8H11	PB8H12	PB8H13	-	S3	SRC
PB 10C	Black	PB10C03	PB10C04	PB10C05	PB10C06	PB10C07	PB10C08	PB10C09	PB10C10	PB10C11	PB10C12	PB10C13	PB10C14	S3	SRC

PB 100

Black, lightweight, non-metal trainer that's suitable for use in environments where metal detectors are present as well as in logistics, manufacturing AND OICES.

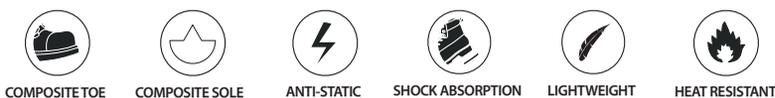
- 33Breathable, full grain black leather upper with textile tongue and collar
- 33Abrasion-resistant, moisture-wicking textile lining coloured grey
- 33Lightweight polycarbonate toe cap resistant to 200J
- 33Textile pierce-resistant midsole; min. 1100N
- 33Lightweight, injected dual density PU/PU soling system with anti-static properties, shock absorption, heat resistance to 120°C
- 33Breathable and washable footbed



PB 7 TORNADO LOW

Black/blue, lightweight, non-metal trainer that's suitable for use in environments where metal detectors are present as well as in logistics, MANUFACTURING AND OICES.

- 33Breathable, full grain black leather upper with textile tongue and collar
- 33Abrasion-resistant, moisture-wicking textile lining coloured blue
- 33Lightweight polycarbonate toe cap resistant to 200J
- 33Textile pierce-resistant midsole; min. 1100N
- 33Lightweight, injected dual density PU/PU soling system with anti-static properties, shock absorption, heat resistance to 120°C
- 33Breathable and washable footbed



	COLOUR	SIZE RANGE											CATEGORY	SLIP RESISTANCE
		3	4	5	6	7	8	9	10	11	12	13		
PB 100	Black	PB10003	PB10004	PB10005	PB10006	PB10007	PB10008	PB10009	PB10010	PB10011	PB10012	PB10013	S3	SRC
PB 7	Black	-	PB7L04	PB7L05	PB7L06	PB7L07	PB7L08	PB7L09	PB7L10	PB7L11	PB7L12	PB7L13	S3	SRC



PB 27 ZERMATT WR

Black, waterproof PU safety boot that's suitable for most industrial applications including engineering, utilities, logistics and warehousing.

- 33 Breathable, full grain nubuck leather upper with leather tongue and collar
- 33 Abrasion-resistant, moisture-wicking textile lining
- 33 Polycarbonate toe cap resistant to 200J
- 33 Textile midsole; min. 1100N
- 33 Dual-density PU soling system with anti-static properties, shock absorption, heat resistance to 120°C
- 33 SRC rated slip resistance
- 33 Breathable and washable footbed
- 33 Waterproof and breathable
- 33 Weight 600 grams



WATERPROOF



COMPOSITE TOE



COMPOSITE SOLE



ANTI-STATIC



SHOCK ABSORPTION



LIGHTWEIGHT



HEAT RESISTANT

	COLOUR	SIZE RANGE											CATEGORY	SLIP RESISTANCE
		4	5	6	7	8	9	10	11	12	13			
PB 27	BLACK	PB2704	PB2705	PB2706	PB2707	PB2708	PB2709	PB2710	PB2711	PB2712	PB2713	S3	SRC-WR	

**BEST
SELLER**

C462241 YELLOW



The original Purofort boot.

With its thermal insulation to -20°C this boot offers all the features of Purofort: shock absorption, durability and lightweight.

33A wide tread for grip on different surfaces

33Equipped with a steel toe cap and steel midsole for impact and penetration protection

PUROFORT Technology



C462933 GREEN

The Dunlop® Purofort® Professional full safety is certified according to the most recent European standards.

33Thermal insulation to -20°C

33Shock absorption, durability and light weight

33A wide tread for different surfaces

33Equipped with steel toe cap and steel midsole

PUROFORT Technology



	COLOUR	SIZE RANGE										CATEGORY	SLIP RESISTANCE
		5	6	7	8	9	10	11	12	13			
C462241	YELLOW	-	PUR006	PUR007	PUR008	PUR009	PUR010	PUR011	PUR012	PUR013	S5	SRC	
C462933	GREEN	PUR0015	PUR0016	PUR0017	PUR0018	PUR0019	PUR00110	PUR00111	PUR00112	PUR00113	-	-	



Purofort Technology

C662343 ORANGE

Dunlop® Purofort® Thermo+ is the ideal boot for use in cold environments and safe; thanks to its steel-tipped toe cap protection.

- 33Sole patterns prevent clogging on a wide variety of surfaces
- 33Highly slip resistant outsole profile
- 33Heat retaining sole insulates against cold exposure
- 33Shock absorbing technology and flexible upper sole offer freedom of movement
- 33Resistance to minerals, animal and plant oils and fats, disinfectants fertilizer, solvents and various chemicals



TOE PROTECTION



WATERPROOF

CA61131 WHITE

Food-pro: The first real food boot! Dunlop® introduces a new generation of Purofort® boots for the food processing industry.

- 33Slip-resistant outsoles (SRC): the best slip resistance
- 33Extra smooth design and shaft: easy to clean
- 33Anti-Bac Lining
- 33Specifically designed for orthopedic insole
- 33Purofort® Technology: light and durable



TOE PROTECTION



WATERPROOF



Purofort Technology

171BV WHITE

An ideal boot for general applications in the food processing industry.

- 33Protective toe
- 33Resistance to minerals, animal and plant oils and fats, blood, disinfectants, fertiliser and various chemicals



TOE PROTECTION



WATERPROOF



Purofort Technology

	COLOUR	SIZE RANGE											CATEGORY	SLIP RESISTANCE
		3	4	5	6	7	8	9	10	11	12	13		
C662343	ORANGE	-	-	-	PUR2266	PUR2267	PUR2268	PUR2269	PUR22610	PUR22611	PUR22612	PUR22613	S5	SRC
CA61131	WHITE	-	PUR2204	PUR2205	PUR2206	PUR2207	PUR2208	PUR2209	PUR2210	PUR2211	PUR2212	PUR22613	S4	SRC
171BV	WHITE	PUR2303	PUR2304	PUR2305	PUR2306	PUR2307	PUR2308	PUR2309	PUR2310	PUR2311	PUR2312	PUR22613	SB	

PB 42LC

Tan lined rigger boot that's suitable for most heavy-duty applications including construction and general industry.

- 33**Breathable, full grain leather upper
- 33**Synthetic fur inner lining
- 33**Steel toe cap resistant to 200J
- 33**Overcap helps prevent leather wearing away on the toe when kneeling
- 33**Stainless steel midsole; min. 1100N
- 33**Dual-density PU soling system with anti-static properties, shock absorption, heat resistance to 120°C
- 33**Breathable and washable footbed



PB 43C

Tan unlined rigger boot that's suitable for most heavy-duty applications including construction and general industry.

- 33** Breathable, full grain leather upper
- 33** Unlined
- 33** Steel toe cap resistant to 200J
- 33** Overcap helps prevent leather wearing away on the toe when kneeling
- 33** Stainless steel midsole; min. 1100N
- 33** Dual-density PU soling system with anti-static properties, shock absorption, heat resistance to 120°C
- 33** Breathable and washable footbed



	COLOUR	SIZE RANGE										CATEGORY	SLIP RESISTANCE
		5	6	7	8	9	10	11	12	13			
PB 42LC	TAN	PB42LC05	PB42LC06	PB42LC07	PB42LC08	PB42LC09	PB42LC10	PB42LC11	PB42LC12	PB42LC13	S3	SRC	
PB 43C	TAN	PB43C05	PB43C06	PB43C07	PB43C08	PB43C09	PB43C10	PB43C11	PB43C12	PB43C13	S3	SRC	

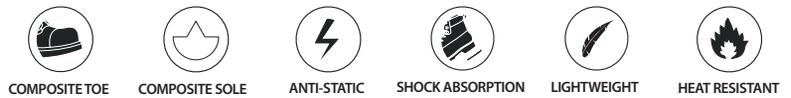


Also available in trainer version

PB 110/100

Black, lightweight, non-metal hiker that's suitable for use in environments where metal detectors are present as well as in logistics, manufacturing and OICES.

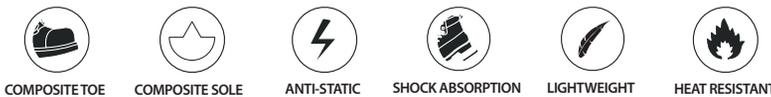
- 33 Breathable, full grain black leather upper with textile tongue and collar
- 33 Abrasion-resistant, moisture-wicking textile lining coloured grey
- 33 Lightweight polycarbonate toe cap resistant to 200J
- 33 Textile pierce-resistant midsole; min. 1100N
- 33 Lightweight, injected dual density PU/PU soling system with anti-static properties, shock absorption, heat resistance to 120°C
- 33 Breathable and washable footbed



PB 8 TORNADO HIGH

Black/blue, lightweight, non-metal hiker that's suitable for use in environments where metal detectors are present as well as in logistics, manufacturing and OICES.

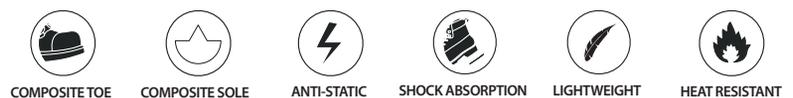
- 33 Breathable, full grain black leather upper with textile tongue and collar
- 33B-dry abrasion-resistant, moisture-wicking textile lining coloured blue
- 33 Lightweight polycarbonate toe cap resistant to 200J
- 33 Textile pierce-resistant midsole; min. 1100N
- 33 Lightweight, injected dual density PU/PU soling system with anti-static properties, shock absorption, heat resistance to 120°C



PB 7 TORNADO LOW

Black/blue, lightweight, non-metal trainer that's suitable for use in environments where metal detectors are present as well as in logistics, manufacturing and OICES

- 33 Breathable, full grain black leather upper with textile tongue and collar
- 33 Abrasion-resistant, moisture-wicking textile lining coloured blue
- 33 Lightweight polycarbonate toe cap resistant to 200J
- 33 Textile pierce-resistant midsole; min. 1100N
- 33 Lightweight, injected dual density PU/PU soling system with anti-static properties, shock absorption, heat resistance to 120°C



	COLOUR	SIZE RANGE											CATEGORY	SLIP RESISTANCE
		3	4	5	6	7	8	9	10	11	12	13		
PB 110	BLACK	PB11003	PB11004	PB11005	PB11006	PB11007	PB11008	PB11009	PB11010	PB11011	PB11012	PB11013	S3	SRC
PB 100	BLACK	PB10003	PB10004	PB10005	PB10006	PB10007	PB10008	PB10009	PB10010	PB10011	PB10012	PB10013	S3	SRC
PB8	BLACK	-	PB8H04	PB8H05	PB8H06	PB8H07	PB8H08	PB8H09	PB8H10	PB8H11	PB8H12	PB8H13	S3	SRC
PB7	BLACK	-	PB7L04	PB7L05	PB7L06	PB7L07	PB7L08	PB7L09	PB7L10	PB7L11	PB7L12	PB7L13	S3	SRC



BEST SELLER



OFFSHORE XL



Boots made of durable and water-resistant PU-coated leather. Pull tabs attached to the legs of the boots makes them easy to put on.

The slip-resistant and flexible polyurethane sole is resistant to oil and a number of chemicals. The wide XL fit gives toes plenty of room. ESD-approved.

- 33 Steel toecap protects toes from falling objects and compression
- 33 Steel midsole prevents sharp objects from penetrating through the sole
- 33 Resistance to oil and many chemicals
- 33 The shock-absorbing heel area protects the feet and the skeletal system against stress.



BEST SELLER



SOLID IN XL +S3



Durable boots with steel toecaps and penetration-resistant steel midsoles. Upper leather keeps its shape and is water-repellent. Reflectors on sides.

- 33 Steel toecap protects toes from falling objects and compression
- 33 Steel midsole prevents sharp objects from penetrating through the sole
- 33 Resistance to oil and many chemicals
- 33 The shock-absorbing heel area protects the feet and the skeletal system against stress
- 33 Convenient heavy duty side zipper for ease of access/removal

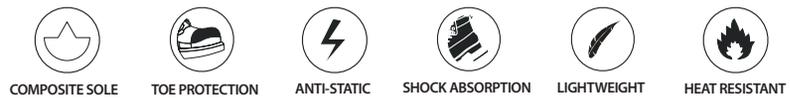


PB94C WELDER BOOT



Flame resistant, black ankle-length welder's boot suitable for applications where there is a high risk of it coming into contact with hot sparks

- 33 Full grain barton print buffalo leather upper with special heat-resistant properties
- 33 Moisture-wicking textile to vamp part of lining
- 33 Steel toe cap resistant to 200J
- 33 Overcap helps prevent leather wearing away on the toe when kneeling
- 33 Textile, puncture-resistant protective midsole; min. 1100N
- 33 Dual-density rubber soling system with anti-static properties, shock absorption, heat resistance to 300°C



	COLOUR	SIZE RANGE											CATEGORY	SLIP RESISTANCE
		4	5	6	7	8	9	10	11	12	13	14		
OFFSHORE XL	BLACK	-	SIE705	SIE706	SIE707	SIE708	SIE709	SIE710	SIE711	SIE712	SIE713	-	S3	SRC
SOLID IN XL +S3	BLACK	SIE504	SIE505	SIE506	SIE507	SIE508	SIE509	SIE510	SIE511	SIE512	SIE513	SIE514	S3	SRC
PB94C WELDER BOOT	BLACK	-	PB94C05	PB94C06	PB94C07	PB94C08	PB94C09	PB94C10	PB94C11	PB94C12	PB94C13	-	S3	SRC

FELTA WORK INSOLE

Whether you're working in the garden, involved in building work or undertaking other intensive work at low temperatures.

The Bama Felta offers particularly robust and hard-wearing protection against the cold and damp to keep work shoes and wellingtons noticeably more comfortable and your feet nice and warm.

The granular slip guard on the bottom allows the insole to stay put in the shoes. The insole is not anti-static.

Sizes: 35-51

	GTS PRODUCT CODE
Felta Insole	FTSINSOLE07 TO FTSINSOLE12

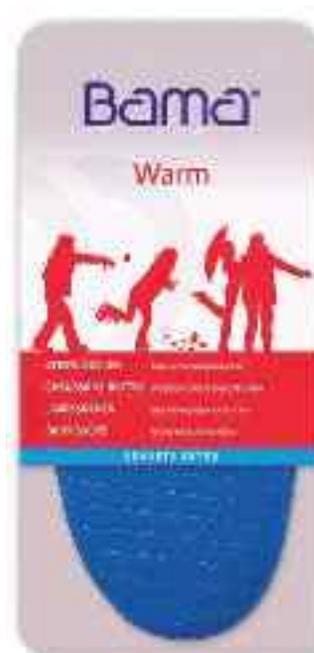


SOKKETS

With the Bama boot Socklets, it's not just the soles that are protected against cold ground, the entire foot, heel and ankle are soothed and warmed.

The snug Socklets are perfect for winter boots and give even wellies a completely new kind of comfort. Because a soft intermediate layer gently cushions and makes walking so much more of a delight.

Sizes: 36/46 - 50/51



	COLOURS	SIZE RANGE	GTS PRODUCT CODE
Socklets	BLUE	3 to 4	FTSSOKKETS36
Socklets	BLUE	5 to 6	FTSSOKKETS38
Socklets	BLUE	7 to 8	FTSSOKKETS40
Socklets	BLUE	8 to 9	FTSSOKKETS42
Socklets	BLUE	10 to 11	FTSSOKKETS44
Socklets	BLUE	12 to 13	FTSSOKKETS46



VARMA ICELANDIC HIKING SOCKS



The wool and acrylic blend in the Varma Hiking socks keeps moisture out. This pair has a soft elastic in the rib and over the foot. A comfortable inner layer of terry protects and isolates.

33 Colours: Available in both Black and Navy

	COLOURS	SIZE RANGE	GTS PRODUCT CODE
Hiking Socks	BLACK	(36 - 39) 3 to 6	SCK70B36
Hiking Socks	BLACK	(40 - 43) 7 to 9	SCK70B40
Hiking Socks	BLACK	(44 - 47) 10 to 13	SCK70B44
Hiking Socks	NAVY	(36 - 39) 3 to 6	SCK70N36
Hiking Socks	NAVY	(40 - 43) 7 to 9	SCK70N40
Hiking Socks	NAVY	(44 - 47) 10 to 13	SCK70N44



HEALTHY FEET



Moisturising Foot Cream

O'Keeffe's for Healthy Feet is a unique formula of moisturising ingredients guaranteed to improve dry, cracked skin. Parched, barren earth needs water - the same goes for rough, dry skin.

Healthy Feet contains a high concentration of glycerin that draws in and retains moisture, which is necessary for healthy, hydrated skin. Healthy Feet also contains more of a moisturising ingredient, Allantoin, which helps to penetrate thicker and rougher skin on the feet. Best of all, it works fast.

Most people start seeing results in only a couple days.



PRODUCT	GTS PRODUCT CODE
Healthy Feet	GORILLAFEET

WORKWEAR AND FOUL WEATHER CLOTHING





	TYPE	PAGE
	Waterproofs	50 - 59
	Cold Weather Suits	60 - 64
	Hi-Viz	65 - 69
	Overalls	70 - 72
	Chemical Overalls	73 - 75
	Workwear	76 - 80
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YOUR GUIDE TO CHOOSING THE CORRECT WORKWEAR AND FOUL WEATHER CLOTHING

SAFETY STANDARDS: RAIN AND COLD PROTECTION

EN 343: PROTECTION AGAINST RAIN

Norms: EN 343:2003 / EN 343:2003/A1:2007 - Supersedes ENV 343:1998 Resistance to water penetration and water vapour resistance are the two main properties which are tested in the EN 343.



- X**: RESISTANCE TO WATER PENETRATION (3 LEVELS)
Y: WATER VAPOUR RESISTANCE - BREATHING PROPERTIES (3 LEVELS)

EN 342: PROTECTION AGAINST COLD

Norms: EN 342:2004 - Supersedes ENV 342:1998 Protection against cold (temperatures lower than -5°C)



- A**: (U) ICLE; BASIC RESULTING INSULATION
B: (U) ICLE; RESULTING THERMAL INSULATION
C: AIR PERMEABILITY (3 LEVELS)
D: WATER PENETRATION RESISTANCE CLASS (2 LEVELS)

EN 14058: PROTECTION AGAINST COLD

Norm: EN 14058:2004 This standard determines the requirements for personal protective clothing to be worn at temperatures from and above -5°C.



- A**: THERMAL RESISTANCE CLASS (3 LEVELS)
B: AIR PERMEABILITY CLASS (3 LEVELS)
C: WATER PENETRATION RESISTANCE CLASS (2 LEVELS)
D: ICLE; BASIC RESULTING INSULATION
E: RESULTING THERMAL INSULATION

SAFETY STANDARDS: ANTI-STATIC



EN 1149-1
Protective clothing. Electrostatic properties. Part 1: Test method for measurement of surface resistivity.



EN 1149-5:2008
Protective clothing. Electrostatic properties. Part 5: Material performance and design requirements

SAFETY STANDARDS: WARNING CLOTHING

EN 471: HIGH-VISIBILITY WARNING CLOTHING

Visibility during the day, in the twilight and in the dark.

The EN 471 High-vis warning clothing has two different performance classes:



- X**: THE SURFACE OF FLUORESCENT AND RETRO-REFLECTIVE MATERIAL (3 LEVELS)
Y: THE PERFORMANCE OF THE RETRO-REFLECTIVE MATERIAL (2 LEVELS)

SAFETY STANDARDS: PROTECTION AGAINST LIQUID CHEMICALS

EN 13034: PROTECTIVE CLOTHING AGAINST LIQUID CHEMICALS - LIMITED PROTECTIVE PERFORMANCE

The guide describes the classification of different properties which must be tested. EN 13034 covers the lowest level of chemical protection intended to protect from a potential exposure to small quantities of spray or accidental low volume splashes of less hazardous chemicals against which a complete liquid permeation barrier (at a molecular level) is not required.

EN13034



1: TYPE 6

Suits protect at least the trunk and limbs (e.g. one-piece coveralls or two piece suits)

2: TYPE PB(6)

Partial body protection Type PB[6] cover and protect only specific parts of the body (e.g. Jackets, aprons,...)

EN 14065: PROTECTIVE CLOTHING AGAINST LIQUID CHEMICALS - WITH PERMEATION RESISTANCE TEST

The following parameters are used:

EN14605



1) TYPE 3: FULL BODY CLOTHING, LIQUID TIGHT CONNECTIONS

Supersedes EN 466:1995

2) TYPE 4: FULL BODY CLOTHING, SPRAY TIGHT CONNECTIONS

Supersedes EN 465:1995

3) TYPE PB[3] OR PB[4]: ITEMS PROVIDING PROTECTION TO PARTS OF THE BODY ONLY

Supersedes EN 467:1995

EN466



EN 466:1995

Protection against liquid chemicals - Performance requirements for chemical protective clothing with "liquid-tight" connections between different parts of the clothing, (Type 3).

EN467



EN 467:1995

Protection against liquid chemicals - Performance requirements for garments providing protection to "parts of the body."

EN14605



EN 14605:2005

Protective clothing against liquid chemicals - Performance requirements for clothing with "Liquid Tight" (Type 3) or spray-tight (Type 4) connections, including items providing protection to "parts of the body" only, (Types PB [4]).

SAFETY STANDARDS: EXPOSURE TO INDUSTRIAL HEAT

EN ISO 14116: PROTECTIVE CLOTHING AGAINST LIMITED FLAME SPREAD MATERIALS

The standard is not applicable for fire fighters (EN 469) and welders (EN 470 - EN ISO 11611). The aim is to reduce the possibility of the clothing burning and thereby itself constituting a hazard: the wearer should not get extra injuries due to the burning of his clothing.

EN ISO 14116



1) REQUIREMENTS FOR LIMITED FLAME SPREAD INDEX 1

The flame does not spread, there are no flaming debris, no afterglow, a hole may be formed.

2) REQUIREMENTS FOR LIMITED FLAME SPREAD INDEX 2

The flame does not spread, there are no flaming debris, no after glow, no hole formation.

3) REQUIREMENTS FOR LIMITED FLAME SPREAD INDEX 3

The flame does not spread, there are no flaming debris, no after glow, no hole formation, the after flame times of each individual specimen is less than 2 seconds.

EN ISO 11612: PROTECTIVE CLOTHING AGAINST HEAT AND FLAME

The standard is not applicable for fire fighters (EN 469) and welders (EN 470 - EN ISO 11611).

EN ISO 11612



1) REQUIREMENTS FOR PARAMETER A

Minimum requirement, fabric combination conforms to the old EN 533 index 3

2) REQUIREMENTS FOR PARAMETER B (B1>B5)

Insulation against convective heat

3) REQUIREMENTS FOR PARAMETER C (C1>C4)

Insulation against radiant heat

4) REQUIREMENTS FOR PARAMETER D (D1>D3)

Insulation against molten aluminium

5) REQUIREMENTS FOR PARAMETER E (E1.E3)

Insulation against Molten Cast Iron

EN533



EN 533:1997 INDEX 1

Protection against heat and flame. Limited Flame spread materials and material assemblies. Suitable for protection against accidental contact with small igniting flames, in circumstances where there is no significant heat hazard, (Index 1).

WHAT MAKES FLEXOTHANE UNIQUE?

Breathable, extremely comfortable

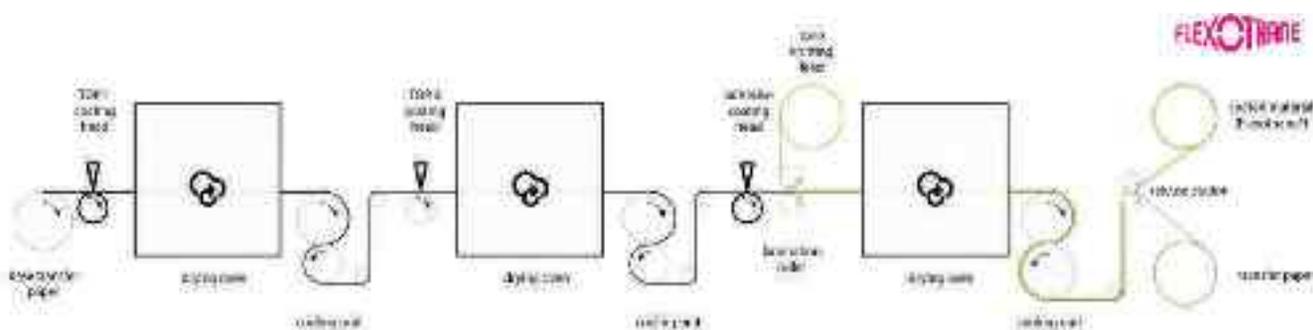
Flexothane® is a breathable fabric. The knitted fabric absorbs perspiration avoiding that clammy feeling. Your body stays dry and your body temperature is regulated

We use a PA 6.6 (which guarantees high colour fastness, excellent RF welding properties of the seams, ...) weft knitted base fabric which with an optimised strength and elasticity balance.



3 LAYER TRANSFER COATING ON A CONTINUOUS MACHINE

The Flexothane® fabric is the result of the Groups' vertical integration, where the entire production process is controlled from fabric to finished product. Flexothane® is produced on the transfer coating lines of the Sioen Industries Group. Extended durable protection against hydrolysis is key to this fabric.



Competitors materials are often based on a 1 coating head machine combining top 1 and 2 in one thicker layer in which the solvent is forced to evaporate through a thick layer of PUR during one oven passage. This can create pinholes which cause problems with waterproofness, and even more problems after stretching the material. Furthermore, the elasticity of the coating must be optimized so that it's a perfect marriage with the elasticity of the base fabric.

THE FLEXOTHANE® EXPERIENCE

Underneath your reliable Flexothane® layer you'll be out of reach of chilly winds and you'll stay perfectly dry. And when the rain stops or you turn off the pressure cleaner, you can bet the outer layer will be dry in the blink of an eye! No need to worry about damaging your garment, the rock solid fabric can take more than you think. Or about making your hands dirty.

Flexothane® is resistant to all sorts of oil derivatives and greases (even to some chemicals and bloodborne pathogens!). The smooth surface can easily be wiped clean. And after a whole day of hard labour, you can just take off your jacket, throw it in the washing machine and sit back and relax.

Because Flexothane® is perfectly machine washable. Attuned to an intensive day in day out use, a durable Flexothane® garment never lets you down offering the best value for money a hard working (wo)man can get.



Flexothane® Classic uses polyamide fibres for its knitted base instead of polyester fibres. Polyamide fibres are exceptionally strong and resistant, making our Flexothane® Classic an extremely durable fabric. It has extended resistance against hydrolysis which results in a longer life time of your garment. Thus offering higher value for money. Flexothane® Classic is a one-sided PU coating on a polyamide knitting.

Weight: $\pm 180 \text{ g/m}^2$

SYNOPSIS OF THE FLEXOTHANE® CLASSIC PROPERTIES:

- EN 343 tested
- Higher waterproofness for the foreseeable conditions of use
- Seams are easily RF welded
- Windproof
- Bloodborne pathogens resistant
- Good chemical resistance
- Up to > 150% stretchable
- High tear resistance
- Very supple & comfortable; stays supple at low temperatures
- High hydrolysis resistance
- Longer end of life period = lower total cost of ownership
- Lightweight
- Noiseless
- Hygienic
- Mould resistant
- Easy wipe cleanable
- Machine washable/dry cleaning
- Repair kit available
- Ökotex 100 tested
- Logo's reflective stripes and RF welded
- EN ISO 2047 hi-vis yellow, orange-red (incl. GORT) and red possible

High Quality Branding and Personalisation

Our **professional embroidery and heat-seal facility** allows you to add your company's logo and personalise your workwear with ease.

The experienced GTS team can help you decide on the best sizes and positions for your logo... and react swiftly to ensure your deadlines are met.

Contact us to discuss your requirements.

Tel: +44(0) 1595 696 222

Email: sales@gtsdirect.co.uk





SIOEN

WATERPROOFS

ROTTERDAM TROUSERS

BEST SELLER

Sioen Rotterdam Trousers are an excellent weatherproof garment ideal for use all year round as separates or combined with the Dortmund Jacket.

Dortmund (4820) and Rotterdam (4500) are made of our evergreen Flexothane Classic fabric. They will shelter you day in day out from rain and wind for many years, as they have an exceptionally long life expectancy. Easy care, stretchable and lightweight, these really are the best products in their market segment.

33High frequency welded seams outside

33Leg narrowing by press studs

33Elasticated waist



Colours	EN343: Standard		Size and Product Codes					
	Penetration	Resistance	S	M	L	XL	XXL	XXXL
Green	3	1	SN4500G1	SN4500G2	SN4500G3	SN4500G4	SN4500G5	SN4500G6
Navy	3	1	SN4500B1	SN4500B2	SN4500B3	SN4500B4	SN4500B5	SN4500B6
Yellow	3	1	SN4500Z1	SN4500Z2	SN4500Z3	SN4500Z4	SN4500Z5	SN4500Z6

DORTMUND JACKET

**BEST
SELLER**

The Dortmund Jacket from Sioen offers maximum protection from the elements. It is perfectly accompanied by the Rotterdam trousers or Louisiana bib and brace.

- 33 High frequency welded seams
- 33 Fixed hood
- 33 Zip closure under flap with press studs
- 33 2 patched pockets with flap closed by press studs
- 33 Raglan sleeves
- 33 Elasticated wind cuffs



Colours	EN343: Standard		Size and Product Codes					
	Penetration	Resistance	S	M	L	XL	XXL	XXXL
Green	3	1	SN4820G1	SN4820G2	SN4820G3	SN4820G4	SN4820G5	SN4820G6
Navy	3	1	SN4820B1	SN4820B2	SN4820B3	SN4820B4	SN4820B5	SN4820B6
Yellow	3	1	SN4820Z1	SN4820Z2	SN4820Z3	SN4820Z4	SN4820Z5	SN4820Z6



LOUISIANA BIB AND BRACE TROUSERS

**BEST
SELLER**

The Louisiana Bib and Brace from Sioen provides all round water and windproof protection together with additional protection for the lower body.

33100% waterproof and windproof

33Supple and stretchable

33High frequency welded seams outside

33Leg narrowing by press studs

33Front bib



Colours	EN343: Standard		Size and Product Codes					
	Penetration	Resistance	S	M	L	XL	XXL	XXXL
Green	3	1	SN4600G1	SN4600G2	SN4600G3	SN4600G4	SN4600G5	SN4600G6
Navy	3	1	SN4600B1	SN4600B2	SN4600B3	SN4600B4	SN4600B5	SN4600B6
Yellow	3	1	SN4600Z1	SN4600Z2	SN4600Z3	SN4600Z4	SN4600Z5	SN4600Z6

DOVER WINTER JACKET

The Dover Winter Jacket is a thermal version of the Classic Dortmund. It offers all the protection of the Dortmund together with an integral removable fleece.

- 33High frequency welded seams
- 33Fixed hood
- 33Zip closure under flap with press studs
- 332 patched pockets
- 33Raglan sleeves

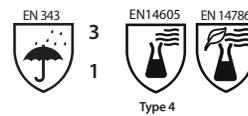


Colours	EN343: Standard		Size and Product Codes	
	Penetration	Resistance	S - XXXL	
Green	3	1	SN4893G1	SN4893G6
Navy	3	1	SN4893B1	SN4893B6
Yellow	3	1	SN4893Z1	SN4893Z6

MONTREAL COVERALL

Another all-time classic in Flexothane. This coverall is not only perfectly wind and waterproof, it also offers you protection against liquid chemicals. An impenetrable barrier that is all the same durable, stretchable and much more comfortable than PVC.

- 33Foldaway hood in collar
- 33Zip closure under double flap with press studs
- 33Raglan sleeves
- 33Sleeve and ankle narrowing by press studs



Colours	EN343: Standard		Size and Product Codes	
	Penetration	Resistance	S - XXXL	
Green	3	1	SN4964G1	SN4964G6
Navy	3	1	SN4964B1	SN4964B6
Yellow	3	1	SN4964Z1	SN4964Z6

BOTLEK CHEMICAL SUIT

The heavy duty Chemtex Chemical Suit material offers high levels of chemical protection while still retaining flexibility.

- 33High frequency welded seams
- 33Fixed hood
- 33Zip closure under double flap with press studs
- 33Raglan sleeves
- 33Unlined



Colours	EN343: Standard		Size and Product Codes	
	Penetration	Resistance	M - XXL	
Green	3	1	SN5996G2	SN5996G5

AUCKLAND LEGGINGS

The Auckland leggings provide temporary partial protection when required.

- 33Adjustable buckles at sides
- 33High frequency welded seams
- 33100% polyamide knitting
- 33FLEXOTHANE® Classic



Colours	EN343: Standard		Size and Product Codes	
	Penetration	Resistance	One Size	
Green	3	1	SN4570G	



EXTREME HEAVY DUTY OILSKIN JACKET

The Fishing Extreme Range from Elka offers heavy duty protection while retaining flexibility. The jackets are ideally suited to commercial and professional fishing industries and environments.

33Press buttons and storm flap

33Adjustable hood

33Size L back length - 77cm

33Water column: mm H2O: > 13000 mm



Colours	EN343: Standard		Size and Product Codes							
	Penetration	Resistance	XS	S	M	L	XL	XXL	XXXL	XXXXL
Orange / Navy	3	1	EL0300	EL0301	EL0302	EL0303	EL0304	EL0305	EL0306	EL0307

EXTREME HEAVY DUTY TWO TONE SMOCK

The Two Tone Smock provides a durable finish and protects the user from the harshest of environments.

33Press button in neck

33 Adjustable hood

33Size L back length - 77cm

33Water column: mm H2O: > 13000 mm



Colours	EN343: Standard		Size and Product Codes							
	Penetration	Resistance	XS	S	M	L	XL	XXL	XXXL	XXXXL
Orange / Navy	3	1	EL0100	EL0101	EL0102	EL0103	EL0104	EL0105	EL0106	EL0107

EXTREME HEAVY DUTY OILSKIN BIB AND BRACE

**BEST
SELLER**

The Elka Bib and Brace Oilskin is easily adjusted to ensure reliable waterproof protection.

33Adjustable suspenders with Fix-lock

33Inside pocket

33Size L back length - 75cm

33Water column: mm H₂O: > 13000 mm



**FISHING
XTREME**
BY ELKA



Colours	EN343: Standard		Size and Product Codes							
	Penetration	Resistance	XS	S	M	L	XL	XXL	XXXL	XXXXL
Orange / Navy	3	1	EL0200	EL0201	EL0202	EL0203	EL0204	EL0205	EL0206	EL0207



HEIMAÆY EXTRA HEAVY DUTY OILSKIN JACKET

The Heimaey range from 66N is constructed of extra heavy duty PVC to ensure premium protection against the elements.

- 33Extra heavy weight jacket
- 33High visibility orange
- 33PVC/cotton
- 33Chemical and cold resistance

Colours	Size and Product Codes							
	XS	S	M	L	XL	XXL	XXXL	XXXXL
Orange	66N0100	66N0101	66N0102	66N0103	66N0104	66N0105	66N0106	66N0107

HEIMAÆY EXTRA HEAVY DUTY SMOCK

Extra heavy weight smock.

- 33High visibility orange
- 33PVC/cotton
- 33Chemical and cold resistance



Colours	Size and Product Codes						
	S	M	L	XL	XXL	XXXL	XXXXL
Orange	66N0301	66N0302	66N0303	66N0304	66N0305	66N0306	66N0307



VIDEY TUNIC WITH HOOD

The Videy Tunic is a lighter weight garment especially suited to summer months.

- 33Closed in front
- 33PVC fabric in the front
- 33Beaver-nylon on the back
- 33The fabric is highly resistant against oil and frost
- 33Reinforcing on sleeves

Colours	Size and Product Codes				
	S	M	L	XL	XXL
Orange / Navy	66N0501	66N0502	66N0503	66N0504	66N0505



HEIMAÆY EXTRA HEAVY DUTY BIB AND BRACE

An ideal accompaniment to the 66N Heimaey Jacket or Smock. Easily adjusted in all weather conditions.

- 33Bib and adjustable braces
- 33Reinforcing on legs
- 33Reversible
- 33The fabric is highly resistant against oil and frost

Colours	Size and Product Codes						
	S	M	L	XL	XXL	XXXL	XXXXL
Orange	66N0201	66N0202	66N0203	66N0204	66N0205	66N0206	66N0207

HEAVY DUTY SLEEVES

Heavy duty sleeves with a secure Velcro fastening when partial protection is desired.

- 33Sleeves with velcro closure
- 33High visibility orange
- 33PVC/ poly-cotton
- 33High oil and cold resistance



Colours	Size and Product Codes
	One Size
Orange	66N090



MAX BJARNAREY SEAMAN'S ANORAK

The Bjarnarey range from 66N is constructed of a thinner grade of PVC than the Heimaey with increased levels of movement and lighter weight.

33Closed in front

33The fabric is highly resistant against oil and frost

33PVC / Polyester

Colours	Size and Product Codes					
	S	M	L	XL	XXL	XXXL
Orange	66N3301	66N3302	66N3303	66N3304	66N3305	66N3306

MAX BJARNAREY SEAMAN'S JACKET

The MAX Jacket is ideal for use in summer months and where a lighter weight of PVC is required.

33Closed in front

33Concealed snaps with storm list

33PVC / Polyester



Colours	Size and Product Codes					
	S	M	L	XL	XXL	XXXL
Orange	66N3101	66N3102	66N3103	66N3104	66N3105	66N3106



VIDEY RAIN JACKET

The Videy Jacket is constructed of a medium weight PVC and ideally suited to farming industries.

33Reinforcing on sleeves

33Two front pockets

33Cord to tighten hood

33Zipper with snap fastened storm list

33Reflector strips on sleeves

33PVC / Nylon

Colours	Size and Product Codes				
	S	M	L	XL	XXL
Green	66N2101	66N2102	66N2103	66N2104	66N2105



MAX BJARNAREY BIB AND BRACE

An ideal accompaniment to the 66N MAX Jacket or Smock. Easily adjusted in all weather conditions.

33Bib and adjustable braces

33Reversible

33The fabric is highly resistant against oil and frost

Colours	Size and Product Codes						
	XS	S	M	L	XL	XXL	XXXL
Orange	66N3200	66N3201	66N3202	66N3203	66N3204	66N3205	66N3206



VIDERY MEDIUM WEIGHT BIB AND BRACE

An ideal accompaniment to the 66N MAX Jacket or Smock. Easily adjusted in all weather conditions.

33Medium weight reversible bib and brace

33Wide legs

33PVC / Cotton

33Chemical and cold resistance

Colours	Size and Product Codes					
	S	M	L	XL	XXL	XXXL
Green	66N2201	66N2202	66N2203	66N2204	66N2205	66N2206



SAFETY STANDARDS: MARITIME PPE STANDARDS



EN 393

EN 393: 50N BUOYANCY AIDS

These have a buoyancy of no less than 50 Newton for the average adult. They are intended for use in sheltered waters where more bulky or buoyant devices would impair the user's activity or actually endanger the user, and when help is close at hand and the user is a conscious, competent swimmer.



EN 395

EN 395: 100N LIFE JACKETS

These have a buoyancy of no less than 100 Newton (EN 395) for the average adult. They are intended for use offshore or when foul weather clothing is used.



EN 396

EN 396: 150N LIFE JACKETS

These have a buoyancy of no less than 150 Newton (EN 396) for the average adult. They are intended for use offshore or when foul weather clothing is used.



EN 399

EN 399: 275N LIFE JACKETS

These have a buoyancy of no less than 275 Newton for the average adult and are intended for use offshore in extreme conditions, when heavy protective clothing is used, or loads such as tool belts are being carried.

FLOTATION TWO PIECE 846/847

The lightest suit on the market in a two piece version! As with the one piece these can also be worn as a lightweight Hi-Viz outdoor suit. They also offer a convenient solution to the occasion when only a jacket or bib and brace is needed.

- 33Solas/uscg approved reflective tape
- 33Sealed against water entry at legs and arms
- 33CE 394 whistle



EN 393



	Colours	Size and Product Codes					
Jacket 846 / 847	Yellow / Navy	XS	S	M	L	XL	XXL
		FLA200	FLA201	FLA202	FLA203	FLA204	FLA205

FLOTATION ONE PIECE SUIT 845

The lightest suit on the market! Affordable flotation suits that do not compromise safety.

- 33Solas/uscg approved reflective tape
- 33Top quality PVC flotation material
- 33Reinforced knees



EN 393



	Colours	Size and Product Codes					
Suit 845	Yellow / Navy	XS	S	M	L	XL	XXL
		FLA100	FLA101	FLA102	FLA103	FLA104	FLA105



RABAUL HI-VIZ COLD WEATHER SUIT

The Sioen Rabaul Hi-Viz is rated to Class 3 Hi-Viz and also offers excellent protection from the rain and cold.

- 33 High frequency welded seams outside
- 33 Straight collar
- 33 Foldaway hood in collar
- 33 Zip closure under double flap with press studs
- 332 inset pockets
- 332 inset thigh pockets with flap
- 331 Napoleon pocket



Colours	Size and Product Codes						
	S	M	L	XL	XXL	XXXL	XXXXL
Orange / Navy	SN56161	SN56162	SN56163	SN56164	SN56165	SN56166	SN56167

LILLEHAMMER COLD WEATHER SUIT

The Sioen Lillehammer offers comprehensive protection from the harshest of elements.

- 33 100% waterproof
- 33 Windproof
- 33 Stretchable
- 33 Comfortable / Lightweight
- 33 Good cold protection
- 33 Noiseless
- 33 Extended durability
- 33 High frequency welded seams



Colours	Size and Product Codes					
	S	M	L	XL	XXL	XXXL
Blue / Navy	SN4990B1	SN4990B2	SN4990B3	SN4990B4	SN4990B5	SN4990B6



WORKING XTREME THERMAL COVERALL

The Elka Xtreme thermal coverall is an excellent budget choice for your outdoor requirements.

- 33 Taped seams
- 33 Reflex on arm, leg, shoulder and back
- 33 Hidden hood
- 33 2-way zipper
- 33 Double storm flap with velcro
- 33 4 pockets in front
- 33 Adjustable cuffs on arm
- 33 Inside pocket with velcro



Colours	Size and Product Codes						
	XS	S	M	L	XL	XXL	XXXL
Blue / Black & Anthracite	EL11000	EL11001	EL11002	EL11003	EL11004	EL11005	EL11006



A36 UNITED MOULDER LIFE JACKET

The Aspli A36 is a professional option rated to 150N.

- 33 Heavy duty puncture resistant Cordura cover
- 33 Stainless steel buckle
- 33 Becket and whistle fitted
- 33 Attachment for safety light built in
- 33 Buoyancy chamber can be removed and replaced if damaged



Colours	EN	Size and Product Codes
	Resistance	One Size
Red	150N	LIFE001

CRUISER 150

The Cruiser has a flat slim-line design with touch and close fastening cover and the bladder permanently attached to the cover. This life jacket features toggles to fit onto a sailing jacket.

33 Durable waterproof fabric

33 Touch and close fastening cover

33 Adjustable waist belt

33 Red recovery grab strap on bladder marked "LIFT"



Colours	EN396: Standard	Size and Product Codes
	Resistance	One Size
Red	150N	LIFE002

HI-RISE 275

The SOS Hi-Rise 275 is a life jacket specifically designed to integrate a Personal Locator Beacon (PLB). This life jacket is compatible with any Sea Marshall AU9 model.

33 Durable wipe clean PVC reinforcement

33 Beacon activation indicator window

33 Reflective silver piping on the front

33 Adjustable waist belt

2MS1 – Mullion Hi-Rise SOLAS 275N life jacket with fabric cover. (BUDGET)

2MS2 – Mullion Hi-Rise SOLAS 275N life jacket with wipe-clean PVC cover. (MID RANGE)

2MT1 – Mullion Hi-Rise SOLAS 275N life jacket with wipe-clean PVC cover and integrated Sea Marshall Personal Locator Beacon. (TOP OF THE RANGE)



Product	EN399: Standard	Size and Product Codes
	Resistance	One Size
2MS1	275N	LIFE003
2MS2	275N	LIFE005
2MT1	275N	LIFE006

COMPACT 150

The Compact® 150 heavy duty wipe clean Mark III is ideal for heavy commercial fishing applications especially for potters, crabbers, lobster fishermen and also suitable for construction workers.

33 Durable wipe clean PVC reinforcement

33 Crutch strap

33 Quick burst zip fastening cover

33 Inflation system



Colours	EN396: Standard	Size and Product Codes
	Resistance	One Size
Red	150N	LIFE004

NORTH SEA

The North Sea I – one piece suit is ideal for general utility use by deck hands, boat crew and fishermen.

33 Fully waterproof outer fabric and taped seams

33 Retro-reflective tape on hood and chest

33 Storm flap

33 Buoyancy 50N

33 High-visibility yellow adjustable insulated peaked hood, with built-in chin and face protection stowed in collar



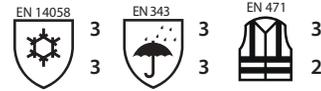
Colours	EN399: Standard	Size and Product Codes
	Resistance	S - XXXL
Red / Black	275N	MULNSEA1 TO MULNSEA6



HI-VIZ LUDVIKA PARKA

The Ludvika range represents the ultimate in thermal and hi-viz protection. It also offers industry leading thermal protection while still retaining breathability.

- 33 Reflective tape
- 33 Taped seams
- 33 Mobile pocket with pen pocket on right chest
- 33 Elastic cuffs with velcro adjustment



Colours	EN343: Standard		EN471: Standard		Size and Product Codes
	Penetration	Resistance	Fluorescent	Performance	
Yellow / Charcoal	3	3	3	2	HELLY451 TO HELLY456
Orange / Navy	3	3	3	2	HELLY451O TO HELLY456O
Red / Charcoal	3	3	3	2	HELLY911 TO HELLY916

HI-VIZ LUDVIKA JACKET

The Ludvika Jacket is slightly shorter in length than the Parka with an adjustable drawcord at the hem.

- 33 Oil repellent
- 33 EN 471 - Class 3
- 33 Zip ventilation under arms
- 33 Storm flap with zipper and Velcro closure



Colours	EN343: Standard		EN471: Standard		Size and Product Codes
	Penetration	Resistance	Fluorescent	Performance	
Yellow / Charcoal	3	3	3	2	HELLY471 TO HELLY476
Orange / Navy	3	3	3	2	HELLY471O TO HELLY476O
Red / Charcoal	3	3	3	2	HELLY471R TO HELLY476R



HI-VIZ LUDVIKA PANT

The Ludvika Pant is the perfect accompaniment to the Parka or Jacket and ensures full body protection from the elements.

- 33 EN 471 - Class 1
- 33 Reflective tape
- 33 Oil repellent
- 33 Taped seams
- 33 Boot zipper under flap with Velcro closure
- 33 Detachable suspenders
- 33 Velcro adjustment at ankles
- 33 Inside knee-pad pockets



Colours	Size and Product Codes
	S - XXXL
Yellow / Charcoal	HELLY461 TO HELLY466
Orange / Navy	HELLY461O TO HELLY466O
Red / Charcoal	HELLY921 TO HELLY926

BEST SELLER

TACANA HI-VIZ RAIN JACKET

The Tacana is an excellent all round waterproof Hi-Viz jacket which offers the added benefit of oil resistance and thermal protection.

- 33100% waterproof
- 33Windproof
- 33Supple
- 33Stretchable
- 33Lightweight / Noiseless
- 33Good cold protection
- 33High frequency welded seams
- 33Fixed quilt lining



<p>EN 14058</p>	<p>2</p>	<p>EN 471</p>	<p>3</p>
	2		2
<p>EN 343</p>	<p>3</p>		
	1		



FLEXOTHANE
CLASSIC

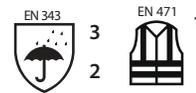
Colours	EN343: Standard		Size and Product Codes					
	Penetration	Resistance	S	M	L	XL	XXL	XXXL
Yellow or Orange	3	1	SN7650Y1	SN7650Y2	SN7650Y3	SN7650Y4	SN7650Y5	SN7650Y6



GEMINI HI-VIZ TROUSERS

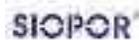
The Gemini trousers are ideally paired with any Hi-Viz Jacket or Parka for complete protection.

- 33**100% waterproof
- 33**Windproof
- 33**Supple
- 33**Stretchable
- 33**Lightweight / Noiseless
- 33**Extended durability
- 33**High frequency welded seams



Colours	EN343: Standard		Size and Product Codes					
	Penetration	Resistance	S	M	L	XL	XXL	XXXL
Yellow	3	2	SN65801	SN65802	SN65803	SN65804	SN65805	SN65806
Orange	3	2	ZSN65801	ZSN65802	ZSN65803	ZSN65804	ZSN65805	ZSN65806

BITORAY HI-VIZ TROUSERS

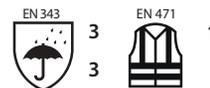


If you're looking for top-notch rain protection you can wear for longer periods and in warm conditions then the Monoray and Bitoray outfit is just the thing. It is highly breathable, light and strong so as to make you feel comfortable during your working activities. Excellent price/quality ratio.

- 33**Taped seams outside
- 33**Leg narrowing by press studs
- 33**Elasticated waist

Inside

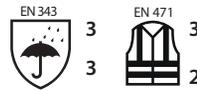
- 33**Fixed polyamide lining
- 33**100% polyester fabric (plain weave) with 100% PU coating/ ± 155g/m²



Colours	EN343: Standard		Size and Product Codes					
	Penetration	Resistance	S	M	L	XL	XXL	XXXL
Yellow	3	3	SN199AY1	SN199AY2	SN199AY3	SN199AY4	SN199AY5	SN199AY6
Orange	3	3	SN199AO1	SN199AO2	SN199AO3	SN199AO4	SN199AO5	SN199AO6



SIOPOR



MONORAY HI-VIZ JACKET

If you're looking for top-notch rain protection you can wear for longer periods and in warm conditions then our Monoray and Bitoray outfit is just the thing. It is highly breathable, light and strong so as to make you feel comfortable during your working activities. Excellent price/quality ratio.

- 33 Fixed hood
- 332 patched pockets with press studs
- 33 Round inset sleeves

Colours	EN343: Standard		Size and Product Codes					
	Penetration	Resistance	S	M	L	XL	XXL	XXXL
Yellow	3	3	SN198AY1	SN198AY2	SN198AY3	SN198AY4	SN198AY5	SN198AY6
Orange	3	3	SN198AO1	SN198AO2	SN198AO3	SN198AO4	SN198AO5	SN198AO6

SKOLLFIELD 5 IN 1 HI-VIZ JACKET

With the Skollfield jacket you are well equipped all year round. A warm and waterproof winter coat, a light rain jacket, a blouson, a body warmer/ all in one and at a very attractive price. All components are made in Siopor Ultra quality, which guarantees an excellent breathability and a good waterproofness.

- 33 Foldaway hood in collar
- 332 inset pockets
- 33 Kimono sleeves



SIOPOR



Colours	EN343: Standard		Size and Product Codes					
	Penetration	Resistance	S	M	L	XL	XXL	XXXL
Yellow / Navy	3	3	SN209AY1	SN209AY2	SN209AY3	SN209AY4	SN209AY5	SN209AY6

RABAUL HI-VIZ COLD WEATHER SUIT

The Sioen Rabaul Hi-Viz suit is rated to Class 3 Hi-Viz and also offers excellent protection from the rain and cold.

- 33 High frequency welded seams
- 33 Straight collar
- 33 Fixed quilted lining
- 33 Knitted wind cuffs in sleeves



FLEXO THERM

Colours	EN343: Standard		Size and Product Codes						
	Penetration	Resistance	S	M	L	XL	XXL	XXXL	XXXXL
Orange / Navy	3	2	SN56161	SN56162	SN56163	SN56164	SN56165	SN56166	SN56167

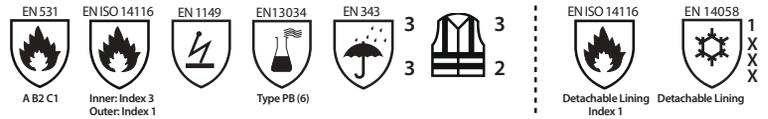


MAREX HI-VIZ RAIN JACKET

The Marex hi-visibility rain jacket is both flame retardant and anti-static as well as being 100 waterproof and windproof. It is an ideal multinorm garment for all levels of industry.

- 33Taped seams
- 33Fixed flame retardant cotton lining
- 33Foldaway hood in collar
- 33Detachable flame retardant fleece lining

Colours	Size and Product Codes
	S - XXXL
Orange/Navy	SN9464O1 TO SN9464O6
Yellow/Navy	SN9464Y1 TO SN9464Y6



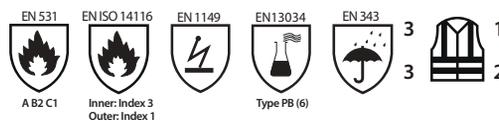
TIELSON HI-VIZ TROUSERS

The Tielson hi-visibility rain trousers are both flame retardant and anti-static as well as being 100% waterproof and windproof. They are an ideal match with the Marex jacket for all round multinorm protection.

- 33Flame retardant reflective tape (50mm)
- 33Fixed flame retardant cotton lining
- 33Leg narrowing by press studs



Colours	Size and Product Codes
	S - XXXL
Orange/Navy	SN5874O1 TO SN5874O6
Yellow/Navy	SN5874Y1 TO SN5874Y6

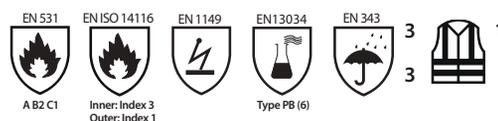


BRISBANE HI-VIZ BIB & BRACE

The Brisbane hi-visibility bib and brace is both flame retardant and anti-static as well as being 100 waterproof and windproof. They are an ideal match with the Marex jacket for all round multinorm protection.

- 33Flame retardant reflective tape (50mm)
- 33Braces with buckle
- 33Zip closure under flap with touch and close fastening at leg end

Colours	Size and Product Codes
	S - XXXL
Orange/Navy	SN6133O1 TO SN6133O6
Yellow/Navy	SN6133Y1 TO SN6133Y6



GTS PADDED PARKA

For the cost conscious the budget superior parka represents outstanding value.

- 33Concealed hood with draw-cord
- 33High collar with full length, heavy duty zip
- 33Tailored comfort fit with socket arms
- 33Matching water-proof elasticated cuffs



Colours	Size and Product Codes
	S - XXXXXL
Yellow	GBP11 TO GBP18
Orange	GBP18801 TO GBP18808

GTS BOMBER

For the cost conscious the budget superior bomber jacket represents outstanding value.

- 33Concealed hood with draw-cord
- 33High collar with full length, heavy duty zip
- 33Tailored comfort fit with socket arms
- 33Matching water-proof elasticated cuffs



Colours	Size and Product Codes
	S - XXXXXL
Yellow	GBP21 TO GBP28
Orange	GBP210 TO GBP280

GTS HI-VIZ WAISTCOAT

For the cost conscious the budget superior waistcoat represents outstanding value.

- 33Conforms to EN471 class 2
- 33An extra long garment length, ensures more visible fabric
- 33Double stitched shoulder seams so will not tear if pulled
- 33Extra large arm holes ensure ease of movement and comfort



Colours	Size and Product Codes
	S - XXXXXL
Yellow	GBP31 TO GBP38
	S - XXXXL
Orange	GBP501 TO GBP507

GTS HI-VIZ PADDED WAISTCOAT

For the cost conscious the budget superior reversible padded waistcoat represents outstanding value.

- 33Conforms to EN471 class 2
- 33300D heavyweight PU coated poly
- 33Reversible Navy 230g fleece inner
- 332 pockets on HI-Viz, 2 pockets on Navy



Colours	Size and Product Codes
	S - XXXXXL
Yellow	GBP401 TO GBP409
	S - XXXXL
Orange	GBP4010 TO GBP4090



OVERALLS

BEST SELLER



REDWING FLAMEPRO RETARDANT

The Flamepro from Redwing is constructed from Daletec® Anti-Static, 350gsm (10oz) 100% Pyrovatex treated cotton material. This high quality overall is available in a variety of colours to suit company branding requirements.

- 33**Flame retardant / Anti Static Protection
- 33**This coverall has a classic look and a great tailored fit
- 33**High quality heavy duty zips
- 33**100% brass press studs are covered on the inside so no brass comes in contact with your skin
- 33**Fully compliant to EN Standard ISO 11612 : 2008 A1, A2, B1, C1, F1, EN ISO 1149-5 : 2008, IEC 61482 - 1 - 2 CLASS 1 (4kva)



Colours	Size and Product Codes
	SIZES GO UP IN 2" INCREMENTS 36" TO 60"
Red	PIN036R TO PIN060R
Orange	PIN036O TO PIN060O
Navy Blue	PIN036N TO PIN060N
Royal Blue	PIN036B TO PIN060B

REDWING WELDPRO COVERALL

This coverall is constructed from Daletec Moleskin 425gsm Pyrovatex treated 100% cotton. This garment has concealed swivel button front closure, ideally suited for all welding applications.

- 33**Drawstring waist
- 33**Two internal breast pockets
- 33**Two internal knee pad pockets
- 33**Rule pocket on back right
- 33**Fully compliant to EN ISO11611:2007 Class 2 A1; EN ISO 11612 A1, B1, C1, F1



Colours	Size and Product Codes
	SIZES GO UP IN 2" INCREMENTS 36" TO 60"
Navy	WPIN036N TO WPIN060N



WENAAS 350GSM COVERALL

Wenaas Ambassador pyrovatex style coverall. Action back with full elasticsation at waist, two breast pockets with concealed zip closures. Available in a variety of colours to suit company branding.

- 33Two swing pockets allowing access to undergarments
- 33Rule pocket on upper right
- 33Leg press stud adjustment at wrists
- 33Two way concealed main front zip
- 33Conforms to EN531 A.B1.C1. FR certification
- 33Also available in 250GSM which is lighter in weight and more suited to summer months or hot climates.



Colours	Size and Product Codes
	SIZES GO UP IN 2" INCREMENTS 36" TO 60"
Orange	WENO36 TO WENO60
Royal	WENB36 TO WENB60
Red	WENR36 TO WENR60
Navy	WENN36 TO WENN60





DELUXE OVERALL

The Dickies deluxe overall is an ideal mid range non fire retardant overall.

- 33Reinforced stress points
- 33Concealed heavy duty two way YKK brass zip
- 33Reinforced turnback cuffs with stud closure
- 33Hammer loop on left leg
- 33Side elasticsation with tunnel waistband and studded neck closure



Colours	Size and Product Codes
	S - XXL
Royal Blue	OVR3R1 TO OVR3R5
Red	OVR3R1RED TO OVR3R5RED



REDHAWK OVERALL

For the cost conscious the Redhawk represents excellent value.

- 33Two way metal zip front with studded over placket
- 33Two zipped chest pockets
- 33Tool pocket
- 33Two swing pockets with side access

Colours	Size and Product Codes
	SIZES GO UP IN 2" INCREMENTS 36" TO 60"
Royal	OVR236 TO OVR260

DELUXE QUILTED OVERALL

The quilted version of the classic deluxe overall offers exceptional thermal protection and comfort.

- 33Reinforced stress points
- 33Concealed heavy duty two way YKK brass zip
- 33Stud adjustment cuffs
- 33Hammer loop
- 33Action back allowing easy body movement

Colours	Size and Product Codes
	S - XXXL
Royal	OVR2R1 TO OVR2R6





chemmaster



CHEMMASTER

Widely regarded as the industry standard for over 30 years, these suits are tough and uncompromising. Manufactured from a high tear/ abrasion resistant 380gm2 PVC coated Nylon fabric, with exceptional chemical resistant properties against many acids and alkalis, ideal for a wide variety of chemical handling operations.

- 33Tough & Durable
- 33PVC Nylon 380gm2
- 33Stitched and High Frequency
- 33Welded Seams
- 33Available in many different configurations from stock, including hooded, collared, elasticated wrists or ankles etc, and many more



Product	Colours	Product Size	Product Code	GTS Product Codes
Boilersuit with Hood	Green	S-XXXL	CMBH-EW	ACHEMM0101 TO ACHEMM0106
Jacket with Hood	Green	S-XXXL	CMJH-EW	ACHEMM0201 TO ACHEMM0206
Trousers	Green	S-XXXL	CMTE	ACHEMM0301 TO ACHEMM0306
Green Apron	Green	48" x 36"	CMA48/36	ACHEMM04

chemsol plus



CHEMSOL PLUS

Manufactured from a softer, more tactile 340gm2 EPVC / Polyester fabric with additional anti-static (AS) and flame retardant (FR) properties needed for many higher risk applications. This is the fabric of choice for many safety professionals. Garments are also available in 8 colour options, including Hi Vis Saturn Yellow. A must-have on most chemical and oil industry sites across the UK.

- 33Soft, tactile feel
- 33Lighter / more flexible than standard PVC
- 33EPVC / Polyester 340gm2
- 33Additional FR/AS properties
- 33Stitched & High Frequency
- 33Welded Seams



Product	Colours	Product Size	Product Code	GTS Product Codes
Boilersuit with Hood	Green	S-XXL	CPBH-EW-R	ACHEMSP0101 TO ACHEMSP0105



CHEMSOL HG



Chemsol HG fabric was developed specifically for food industry hygiene teams.

It has an enhanced resistance to animal fats and food oils, extending the durability of the suit, whilst maintaining the maximum level of chemical protection.

Manufactured from a soft but heavy duty 400gm2 EPVC / Polyester fabric, the chemsol HG range is fast becoming the choice of leading industry professionals. A must have for the most demanding food industry wash down teams.

- 33Soft & flexible
- 33Heavy duty 400gm2
- 33EPVC / Polyester
- 33Stitched & High



Product	Colours	Product Size	Product Code	GTS Product Codes
Jacket with hood	Navy	S-XL	CHJH-EW	ACHMSHG0101 TO ACHMSHG0104
Trousers	Navy	S-XL	CHTE	ACHMSHG0201 TO ACHMSHG0204
Bib & Brace	Navy	S-XL	CHBB-EA	ACHMSHG0301 TO ACHMSHG0304





ALPHASHIELD 1000FR

Alphashield 1000 FR provides excellent protection against particulate hazards and dusts with limited protection against liquid chemicals, flames and sparks.

- 33 Multi layers of SMMS fabric for improved fabric strength, filtration and overall durability
- 33 Passes EN1073-2 for protection against radioactive particulate contamination
- 33 Innovative three piece elasticated hood construction provides added comfort, durability and fit

Colours	Product Size	Product Code	GTS Product Codes
White	S-XXXL	X1BH	A1000FR0101 TO A1000FR0106



ALPHASHIELD 2000

Alphashield 2000 provides excellent protection against chemical liquid spray, while remaining breathable and creating a comfortable wearing experience. It is ideal for a wide range of industrial applications.

- 33 Spun bonded polypropylene with outer breathable film with chemical liquid (EN368 and blood (ASTM F1670) penetration resistance for premium protection.
- 33 Passes EN1149-5 for antistatic property
- 33 Low linting to reduce the risk of contamination of the working environment

Colours	Product Size	Product Code	GTS Product Codes
White	S-XXXL	X2BH	A2000FR0101 TO A2000FR0106



ALPHASHIELD 2000 CP

Alphashield 2000 CP provides excellent protection against chemical liquid spray, with a high level of comfort achieved through an innovative and highly breathable back panel. It is ideal for a wide range of industrial applications and work in warmer environments.

- 33 Spun bonded polypropylene with outer breathable film with chemical liquid (EN368 and blood (ASTM F1670) penetration resistance for premium protection
- 33 Front fabric passes EN1149-5 for antistatic property
- 33 Highly breathable back comfort panel to allow heat within the coverall to escape

Colours	Product Size	Product Code	GTS Product Codes
White	S-XXXL	X3BH	A2000C0101 TO A2000C0106



Wrist loop



Elasticated ankle



ORKA ALVA TWO TONE OVERALL

This heavy duty two tone coveralls ensures maximum safety due to its extensive Hi-Vis fabric and reflective tape. Exceeding the EN471 class 2 Standard for Hi-visibility it keeps the wearer fully protected in low lit areas and those long winter nights. The Heavy duty 300gsm poly-cotton fabric has a remarkable track record in the toughest of environments. Front breast pockets, rear trouser pockets and leg pockets all add to the features of this unique garment.

- 33Durable yet soft 300gsm fabric
- 33Unique tailored fit
- 33Compatible with Envirofluid Safe-wash for safe and powerful cleaning at 40°C
- 33Extensive 50mm Loxy® Flame Retardant Hi-Vis tape

Colours	Size and Product Codes
	SIZES GO UP IN 2" INCREMENTS 36" TO 60"
Navy / Yellow	ALVA038 TO ALVA060



CASTLE QUILTED OVERALL

The Quilted Version of the standard castle overall with added thermal protection.

- 33240gsm polyester / cotton quilted
- 33Two back pockets, one with velcro®
- 33Elasticated action back
- 33Two slant zip breast pockets
- 33Covered placket
- 33Zip front

Colours	Size and Product Codes
	SIZES GO UP IN 2" INCREMENTS 38" TO 52"
Navy	CST238 TO CST252



CASTLE OVERALL

Our lowest cost overall excels in terms of quality to price ratio.

- 33240gsm polyester / cotton
- 33Single piece / elasticated / action back
- 33Zip breast / pen / rule pockets
- 33Two back pockets, one Velcro®

Colours	Size and Product Codes
	SIZES GO UP IN 2" INCREMENTS 36" TO 60"
Royal	CST136 TO CST160



TUFFSTUFF WORKWEAR JACKET

The Tuffstuff brand is synonymous with quality and pricing. Ideally paired with the rest of the tuffstuff range as a budget based uniform.

- 33Bomber style work jacket
- 3330gsm hard-wearing polyester / cotton
- 33Tufftex tear resistant trim to shoulders and arms
- 33Reflective trim
- 33Fleece lined collar
- 33Internal pocket

Colours	Size and Product Codes					
	S	M	L	XL	XXL	XXXL
Black	CST2101	CST2102	CST2103	CST2104	CST2105	CST2106

WORKWEAR HOODY

The Tuffstuff brand is synonymous with quality and pricing. Ideally paired with the rest of the tuffstuff range as a budget based uniform.

- 33300 gsm
- 3380% combed cotton 20% polyester
- 33Double layered contrast inner hood
- 33Kangaroo pocket
- 33Bronze eyelets
- 33Discreet embroidered logo
- 33Flat draw cord



Colours	Size and Product Codes				
	M	L	XL	XXL	XXXL
Black	CST182	CST183	CST184	CST185	CST186

TUFFSTUFF WORKWEAR TROUSERS

The Tuffstuff brand is synonymous with quality and pricing. Ideally paired with the rest of the tuffstuff range as a budget based uniform.

- 33330 gsm polyester / cotton
- 33Triple stitched
- 33Double thickness on back pockets
- 33Leg 30" reg or 32.5" long
- 33Leg 34" extra long
- 33Tuck away nail pockets

Colours	Size	Size and Product Codes
		SIZES GO UP IN 2" INCREMENTS 28" TO 44"
Black	Regular	CST19028R TO CST19044R
Black	Long	CST19028L TO CST19044L





SNICKERS SOFTSHELL JACKET

Soft shell jacket in 3-layer, stretchable, breathable and water repellent polyester, with a warm fleece inner layer.

- 33 Revolutionary Twisted Arm™ with ergonomic cut ensures a natural working position and freedom of movement
- 33 Chest pocket with zipper and convenient hands free solution

Colours	Size and Product Codes			
	M	L	XL	XXL
Black	SNK03N2	SNK03N3	SNK03N4	SNK03N5

SNICKERS 3214 CANVAS TROUSERS

The Snickers 3214 are amazing work trousers made in Canvas+™ fabric. They feature an advanced cut with Twisted Leg™ design, making them exceptionally comfortable.

- 33 Made in Canvas+™ fabric and Cordura® reinforcements for extra durability



Colours	Size and Product Codes
	28" TO 38"
Navy	SNK01N28R TO SNK01N38R

SNICKERS 9033 LOGO BELT

Hard-wearing fixed belt with non-scratch buckle.

- 33 Quick and easy lock system
- 33 40 mm wide belt with pronounced Snickers workwear logos
- 33 Firm and rough webbing for extra durability



Size and Product Codes
One Size
SNK15B

SNICKERS XTR TROUSERS

Cutting-edge work trousers with the ultimate no-compromise design.

- 33 Patented knife fastener that keeps your knife securely in place at all times
- 33 Large easy-to-access leg pockets with flaps and outside compartments. Including mobile phone pocket and wide pen compartments
- 33 Easy-to-access holster pockets with outside compartments and loops



Colours	Size and Product Codes
	28" TO 38"
Black	SNK14B28 TO SNK14B38



SNICKERS 9111 KNEE PADS

Certified knee protection for indoor work on even surfaces. Comfortable, flexible and ready for Snickers KneeGuard™ positioning system.

33Reliable and certified protection for painters, service technicians and when you occasionally need to work on your knees indoors

33Light and soft for optimum working comfort

33Flexible when walking yet closes around the knees when you bend down

33Can be placed at different heights in the knee pocket to ensure correct position for maximum protection

Size and Product Codes

One Size

SNK9111

SUPER GEL KNEE PADS

A strong outer shell protects your knee from sharp objects while an inner silicone gel cushion acts as a shock absorber for your joints.

33Elasticated high quality straps focus on holding the knee pad in place while not being overly constrictive

33PVC shell



Size and Product Codes

One Size

KNEEPAD3

799 KNEE PADS



For the cost conscious a budget knee-pad that is compatible with all the workwear trousers in our range.

33E20 high elastic EVA

33Twenty piece segmented design

33Increased comfort and flexibility



Size and Product Codes

One Size

CST500



CARHARTT BEANIE



The Carhartt acrylic watch hat is constructed of durable stretchable, and 100% acrylic rib-knit fabric for warmth and comfort. The logo is sewn on the front of this classic, one size fits all hat.

- 33Stretchable rib-knit fabric
- 33100% acrylic
- 33Carhartt label sewn on the front
- 33The ultimate in comfort



Colours	Size and Product Codes
	One Size
Black	CARBEANIEB
Grey	CARBEANIEG
Navy	CARBEANIEN

BONES BEANIE



From your favourite trail to the every-day, The North Face Men's Bones Beanie will keep the cold weather at bay as you explore the great outdoors. With its micro-fleece ear band it will keep your ears and head warm while keeping the elements out. Before your next cold weather trip, be sure to put on the Bones Beanie.

- 33Fleece-lined winter standby
- 33Embroidered logo
- 33Fabric: 100% acrylic; 100% polyester band



Colours	Size and Product Codes
	One Size
Cosmic Blue	BEANIE2CB
Grey	BEANIE2G
Black	BEANIE2B

BOREALIS BACKPACK



Stash your gear quickly and hit the road in our redesigned 28-litre Borealis backpack that's constructed with a new suspension system for all-day comfort.

- 33Compatible with 15" laptops
- 33Front elastic bungee for external storage
- 33360 degree reflective bike-light loop, water bottle tabs and shoulder strap webbing

Size and Product Codes
One Size
NFBOREALIS



BROKEY OILSKIN JACKET

PVC rain jacket. Lighter weight PVC-coated sturdy nylon knit: tear-resistant and quick-drying, cut for maximum freedom of movement.



- 33**Hooded
- 33**Concealed snap fastener with storm flap
- 33**The fabric is highly resistant against oil and frost
- 33**Cord to tighten hood

Colours	Size and Product Codes				
	S	M	L	XL	XXL
White	66N1401	66N1402	66N1403	66N1404	66N1405

BROKEY BIB AND BRACE

PVC / Nylon Pants with bib. Lighter weight PVC-coated sturdy nylon knit: tear-resistant and quick-drying, cut for maximum freedom of movement.



- 33**Reversible
- 33**Reinforcing on legs
- 33**Bib and adjustable braces
- 33**The fabric is highly resistant against oil and frost

Colours	Size and Product Codes				
	S	M	L	XL	XXL
White	66N1301	66N1302	66N1303	66N1304	66N1305

BROKEY OILSKIN APRON

PVC/ Nylon long apron. Lighter weight PVC-coated sturdy nylon knit: tear-resistant and quick-drying, cut for maximum freedom of movement.



- 33**Wide neck band with a buckle
- 33**The fabric is highly resistant against oil and frost
- 33**Hemmed

Colours	Size and Product Codes				
	S	M	L	XL	XXL
White	66N1201	66N1202	66N1203	66N1204	66N1205

BROKEY OILSKIN GOWN

PVC / Nylon gown. Lighter weight PVC-coated sturdy nylon knit: tear-resistant and quick-drying, cut for maximum freedom of movement.



- 33**Open in the back
- 33**Snap to close
- 33**Tightened with elastic band at wrist
- 33**The fabric is highly resistant against oil and frost

Colours	Size and Product Codes				
	S	M	L	XL	XXL
White	66N1101	66N1102	66N1103	66N1104	66N1105



BROKEY SLEEVE GUARDS



PVC Nylon Sleeve Guards. Lighter weight PVC- coated sturdy nylon knit: tear-resistant and quick-drying, cut for maximum freedom of movement.

33The fabric is highly resistant against oil and frost

33Tightened with elastic bands on both ends



Colours	Size and Product Codes
	One Size
White	66N160

WOMENS TRADE COAT



Fortis Plus 190G- Tailored Styling and Fit.

Fortis fabric has been constructed to a high specification and is the practical choice for your workwear needs (65% Polyester/35% Cotton).

Fortis Plus fabric is designed to withstand the rigours of today's modern workplace. This fabric offers greater durability, superior protective qualities and excellent wearer comfort (65% Polyester/35% Cotton).



Colours	Size and Product Codes				
	S	M	L	XL	XXL
White	POR031	POR032	POR033	POR034	POR035

MENS TRADE COAT



Fortis Plus 245G - Tailored Styling and Fit.

Fortis fabric has been constructed to a high specification and is the practical choice for your workwear needs (65% Polyester/35% Cotton).

Fortis Plus fabric is designed to withstand the rigours of today's modern workplace. This fabric offers greater durability, superior protective qualities and excellent wearer comfort (65% Polyester/35% Cotton).



Colours	Size and Product Codes					
	S	M	L	XL	XXL	XXXL
White	POR021	POR022	POR023	POR024	POR025	POR026

FOOD TRADE OVERALL



Fortis Plus 245G - Tailored Styling and Fit.

Fortis fabric has been constructed to a high specification and is the practical choice for your workwear needs (65% Polyester/35% Cotton).

Fortis Plus fabric is designed to withstand the rigours of today's modern workplace. This fabric offers greater durability, superior protective qualities and excellent wearer comfort (65% Polyester/35% Cotton).



Colours	Size and Product Codes					
	S	M	L	XL	XXL	XXXL
White	POR011	POR012	POR013	POR014	POR015	POR016



FOOD TRADE TRILBY HAT

Trilby hat in classic style ideal for any food trade job. Mesh top allows the wearer to remain cool. Different colours available.

33 Available in small / medium and large

335 per box



Colours	Size and Product Codes		
	S	M	L
White	PRC3302S	PRC3302M	PRC3302L

DISPOSABLE HAIRNET

Metal detectable blue hairnets for protection from stray hairs and organisms in the food industry.

33 Sold in bundles of 100

33 Quality tested to ensure fit and effectiveness

33A low cost solution to food contamination



Colours	Size and Product Codes
	One Size
Blue	PRC300

DISPOSABLE OVERSHOES

Disposable overshoes to guarantee a clean and hygienically safe catering or food processing environment.

33 Sold in bundles of 100 or boxes of 2000

33 Quality tested to ensure fit and effectiveness
16" Overshoes / Other sizes / Grades Available on Request



Colours	Size and Product Codes
	One Size
Blue	PRC132

DISPOSABLE OVERSLEEVES

Disposable oversleeves to ensure a clean and hygienically safe catering or food processing environment.

Sold in bundles of 100 or case of 1000.

Quality Tested to Ensure Fit and Effectiveness.

33 Protects arms and sleeves

33 Made from low-density polyethylene (LDPE)

33 Integral elastication at both ends



Colours	Size and Product Codes
	One Size
Blue	PRC129

EYE PROTECTION





TYPE	PAGE
	Safety Glasses 91 - 95
	Safety Goggles/Face Masks 95

GUIDE TO SAFETY MARKINGS

B MARKING ON LENS

- VI** Scale numbers (filters only)
- VII** Identification of the manufacturer
- VIII** Optical class
- IX** Symbol for mechanical strength (optional)
- X** Symbol for non-adherence of molten metal and resistance to penetration of hot solids (optional)
- XI** Symbol for resistance to surface damage by fine particles (optional)
- XII** Symbol for resistance to fogging (optional)
- V** Certification mark

VIII	SYMBOLS FOR OPTICAL CLASS (LENS MARKING)
1	Continuous Work
2	Intermittent Work
3	Occasional Work

B	MARKING ON LENS
VI	Scale numbers (filters only)
VII	Identification of the manufacturer
VIII	Optical class
IX	Symbol for mechanical strength (optional)
X	Symbol for non-adherence of molten metal and resistance to penetration of hot solids (optional)
XI	(K) Symbol for resistance to surface damage by fine particles (optional)
XII	(N) Symbol for resistance to fogging (optional)
V	Certification mark

A MARKING ON FRAME

- I** Identification of the manufacturer
- II** Number of the EN Standard
- III** Field(s) of use (where applicable)
- IV** Symbol for resistance to high speed particles (where applicable)
- V** Certification mark

III	APPLICATION SYMBOLS
3	Liquid droplets or splashes (frame)
4	Large dust particles >5 microns (frame)
5	Gases and small dust particles <5 microns (frame)
8	Short circuit electric arc (frame and lens)
9	Molten metal and hot solids (frame and lens)

IV	IX	MECHANICAL STRENGTH (LENS AND FRAME MARKING)
none		Without mechanical strength (filters only)
S		Increased strength (5.1m/s)
F		Low energy impact (45m/s)
B		Medium energy impact (120m/s)
A		High energy impact (190 m/s)

If protection against high-speed particles at extreme temperatures is required then the selected safety eyewear product should be marked with the letter T immediately after the 'Mechanical Strength' letter; eg: FT, BT or AT.

If the 'Mechanical Strength' letter is not followed by the letter T, the safety eyewear product shall only be used against high-speed particles at an ambient temperature.

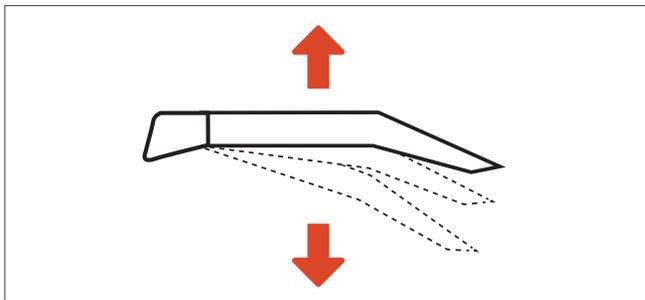
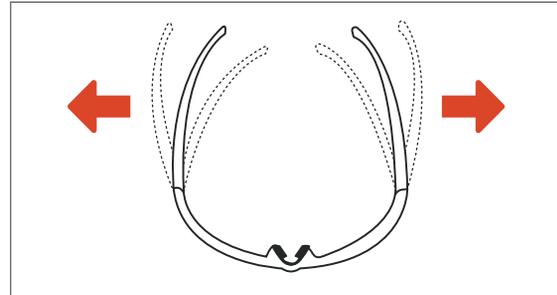
If the frame and lens display different certification marks (F,B or A), the lowest level should be assigned to the entire safety eyewear product.

A	MARKING ON FRAME
I	Identification of the manufacturer
II	Number of the EN Standard
III	Field(s) of use (where applicable)
IV	Symbol for resistance to high speed particles (where applicable)
V	Certification mark

EYEWEAR TECHNOLOGIES

TempFLEX™

Unique flexible TPE temples provide an unrivalled feeling of comfort around the ear whilst gripping securely

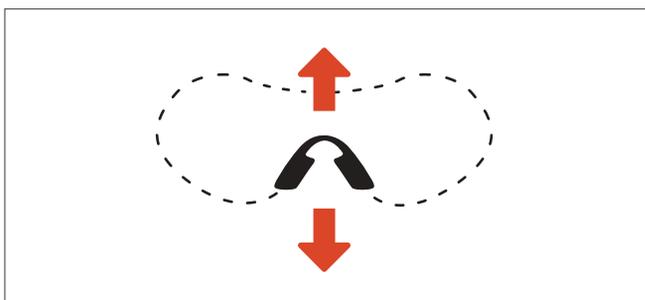
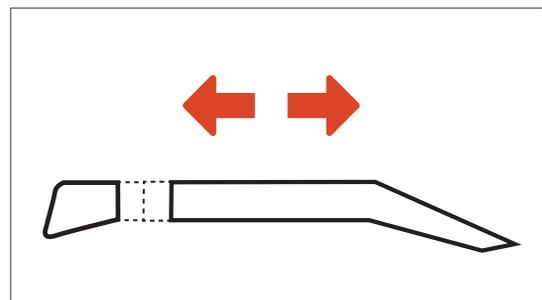


Inclinable Temples

Inclinable temple mechanisms allows glasses to be adjusted to enhance wearer comfort

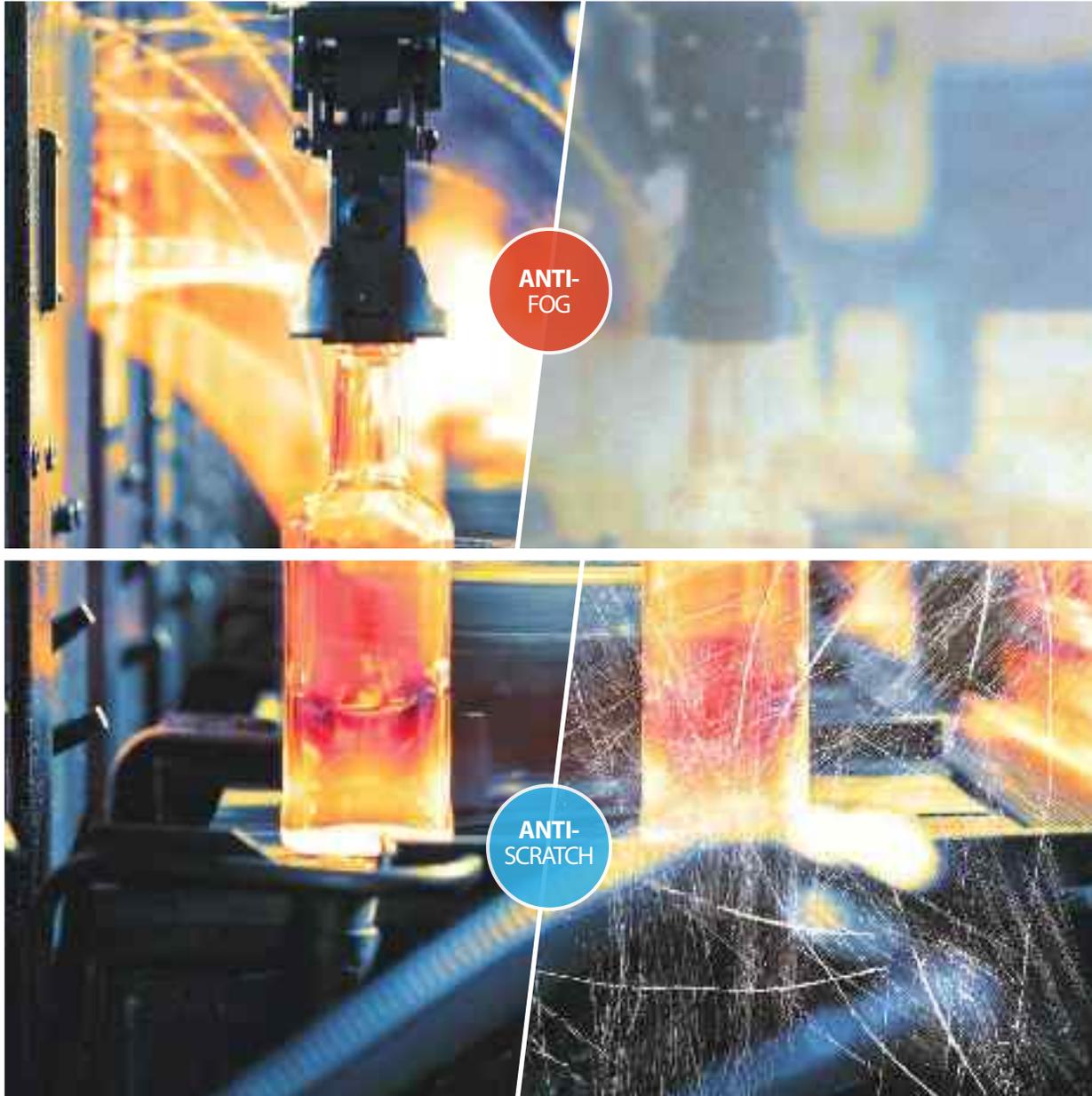
Length-Adjustable Temples

A secure fit for every face is achieved by temples that are available in range of length settings



Adjustable Nose Bridge

The soft rubber nose bridge allows the frame to be adjusted over the nose to allow a secure fit



TECTON™ is an exclusive anti-fog and anti-scratch coating that features as standard on many models in the Riley portfolio.

Certified to Standard EN166; options K and N, Riley TECTON coating technology delivers vision clarity and allows wearers to perform at their peak even in tough conditions.



AGERA™

- 33Single wide vision lens
- 33Ultra-sports style frame
- 33Soft non-slip TPE universal fit nose-bridge
- 33Co-injected bi-colour
- 33Grilamid and TPE temples give excellent, comfortable grip to the head
- 33Weight 29g



VERSIONS	GTS PRODUCT CODE	COATINGS	RISKS
CLEAR ○	RLYAGERA01	TECTON Anti-scratch/Anti-fog	Impacts, UV radiations
AMBER ●	RLYAGERA02	TECTON Anti-scratch/Anti-fog	Impacts, UV radiations
SMOKE ●	RLYAGERA03	TECTON Anti-scratch/Anti-fog	Impacts, UV and Solar radiations

ARION™



- 33Single wide vision lens
- 33Soft TPE frame insert gives maximum comfort and protection
- 33Inclinable temple adjustment allows easy fit onto most faces
- 33Co-injected bi-colour temples with flexible TPE ends enhance overall fit and comfort
- 33Removable head strap
- 33Weight 35g



VERSIONS	GTS PRODUCT CODE	COATINGS	RISKS
CLEAR ○	RLYARION01	TECTON Anti-scratch/Anti-fog	Impacts, UV radiations
AMBER ●	RLYARION02	TECTON Anti-scratch/Anti-fog	Impacts, UV radiations
SMOKE ●	RLYARION03	TECTON Anti-scratch/Anti-fog	Impacts, UV and Solar radiations



BLITZ™

- 33Stylish sports style frame with maximum lateral protection
- 33Soft TPE non-slip universal fit nose-bridge
- 33Co-injected bi-colour temples give excellent, comfortable grip to the head
- 33Weight 29g



VERSIONS	GTS PRODUCT CODE	COATINGS	RISKS
CLEAR ○	RLYBLITZ01	TECTON Anti-scratch/Anti-fog	Impacts, UV radiations
AMBER ●	RLYBLITZ02	TECTON Anti-scratch/Anti-fog	Impacts, UV radiations
SMOKE ●	RLYBLITZ03	TECTON Anti-scratch/Anti-fog	Impacts, UV and Solar radiations



CHRONA™

- 33Contemporary style frame
- 33Inclinable and length adjustment temples maximise wearer comfort
- 33Universal soft TPE nose-bridge
- 33TPE temple ends give additional grip and comfort
- 33Weight 28g



VERSIONS	GTS PRODUCT CODE	COATINGS	RISKS
CLEAR ○	RLYCHRONA01	TECTON Anti-scratch/Anti-fog	Impacts, UV radiations
AMBER ●	RLYCHRONA02	TECTON Anti-scratch/Anti-fog	Impacts, UV radiations
SMOKE ●	RLYCHRONA03	TECTON Anti-scratch/Anti-fog	Impacts, UV and Solar radiations
INDOOR/OUTDOOR	RLYCHRONA04	TECTON Anti-scratch/Anti-fog	Impacts, UV and Solar radiations

CRYSTA™



- 33Ultra-light frame
- 33Clear view lens maximises all round vision
- 33Soft adjustable non-slip TPE universal nose piece
- 33Inclinable temples enhance fit to most faces
- 33Soft flexible TPE sleeves to temples further elevate wearer comfort
- 33Extremely lightweight: 24g



VERSIONS	GTS PRODUCT CODE	COATINGS	RISKS
CLEAR ○	RLYCRYSTA01	TECTON Anti-scratch/Anti-fog	Impacts, UV radiations
AMBER ●	RLYCRYSTA02	TECTON Anti-scratch/Anti-fog	Impacts, UV radiations
SMOKE ●	RLYCRYSTA03	TECTON Anti-scratch/Anti-fog	Impacts, UV and Solar radiations
INDOOR/OUTDOOR	RLYCRYSTA04	TECTON Anti-scratch/Anti-fog	Impacts, UV and Solar radiations



ELIPTA™

- 33Contemporary sports style frame
- 33Soft adjustable non-slip TPE universal nose-bridge
- 33Soft flexible co-injected temples further maximise wearer comfort
- 33Weight 28g



VERSIONS	GTS PRODUCT CODE	COATINGS	RISKS
CLEAR ○	RLYELIPTA01	TECTON Anti-scratch/Anti-fog	Impacts, UV radiations
AMBER ●	RLYELIPTA02	TECTON Anti-scratch/Anti-fog	Impacts, UV radiations
SMOKE ●	RLYELIPTA03	TECTON Anti-scratch/Anti-fog	Impacts, UV and Solar radiations

FRESNO™

- 33Di-electric, no metal parts
- 33Ultra-low weight
- 33Wide angle vision
- 33Close fitting lateral protection
- 33Universal nose-bridge
- 33Lightweight: 26g



LENTA™

- 33Sports style frame
- 33Unique locking device gives easy lens replacement in changing conditions
- 33Adjustable soft TPE non-slip universal fit nose-bridge
- 33Co-injected TPE temple enhances grip and comfort
- 33Weight 30g



RETNA™

- 33Ultra-lightweight
- 33Single wide vision lens gives exceptional field of vision
- 33Deep fit lateral protection
- 33Unique flexible TPE temple gives unrivalled comfort and grip
- 33Extremely lightweight: 21g



TECTON
Coating Technology

RILETTO™

- 33Lightweight sports style design
- 33Panoramic vision
- 33Soft comfort nose-bridge
- 33Broad nose-bridge design
- 33Weight 29g



TECTON
Coating Technology

VERSIONS	GTS PRODUCT CODE				COATINGS			RISKS
	FRESNO	LENTA	RETNA	RILETTO	FRESNO, LENTA	RETNA	RILETTO	
INDOOR/ OUTDOOR	-	-	RLYRETNA04	-	-	TECTON Anti-scratch/Anti-fog	-	Impacts, UV and Solar radiations
CLEAR ○	RLYFRESNO01	RLYLENTA01	RLYRETNA01	RLYRILETTO01	Anti-scratch/Anti-fog	TECTON Anti-scratch/Anti-fog	-	Impacts, UV radiations
AMBER ●	RLYFRESNO02	RLYLENTA02	RLYRETNA02	-	Anti-scratch/Anti-fog	TECTON Anti-scratch/Anti-fog	-	Impacts, UV radiations
SMOKE ○	RLYFRESNO03	RLYLENTA03	RLYRETNA03	RLYRILETTO03	Anti-scratch/Anti-fog	TECTON Anti-scratch/Anti-fog	-	Impacts, UV and Solar radiations



RIVESTI™

- 33 Ultra-contemporary design
- 33 Soft TPE universal nose-bridge and brow
- 33 Deep fit lateral protection
- 33 Weight 28g



SESTO™

- 33 Designer sports style
- 33 Single panoramic lens
- 33 Universal nose-bridge
- 33 Flexible TPE temple ends enhance grip and comfort
- 33 Weight 28g
- 33 Available in 4 lens tint options



SISINI™

- 33 Single polycarbonate moulding
- 33 TPE co-injected temples and soft adjustable nose pads for maximum comfort
- 33 Panoramic field of vision
- 33 Lightweight: 26 g
- 33 Available with Riley's Tecton™ Anti Fog/Anti Scratch coating



SIVION™

- 33 Stylish design
- 33 Soft adjustable TPE universal nose-bridge
- 33 Deep fit lateral protection
- 33 Flexible TPE temple ends give extra grip and comfort
- 33 Weight 30g



VERSIONS	GTS PRODUCT CODE				COATINGS	RISKS
	RIVESTI	SESTO	SISINI	SIVION		
CLEAR	RLYRIVESTI01	RLYSESTO01	RLYSISINI01	RLYSIVION01	TECTON Anti-scratch/Anti-fog	Impacts, UV radiations
AMBER	RLYRIVESTI02	RLYSESTO02	RLYSISINI02	RLYSIVION02	TECTON Anti-scratch/Anti-fog	Impacts, UV and Solar radiations
SMOKE	RLYRIVESTI03	RLYSESTO03	RLYSISINI03	RLYSIVION03	TECTON Anti-scratch/Anti-fog	Impacts, UV radiations
INDOOR/ OUTDOOR	RLYRIVESTI04	RLYSESTO04	RLYSISINI04	RLYSIVION04	TECTON Anti-scratch/Anti-fog	Impacts, UV and Solar radiations
BLUE	-	RLYSESTO05	-	-	TECTON Anti-scratch/Anti-fog	Impacts, UV and Solar radiations

TOCARI™

- 33 Lightweight sports style design
- 33 Panoramic vision
- 33 Soft comfort nose-bridge
- 33 Weight 29g



TECTON
Coating Technology

AREZZO™

- 33 Ultra-low low profile lightweight goggle
- 33 Soft TPR padded comfort frame
- 33 Adjustable head band with pivot attachment to the frame
- 33 Wide field of vision
- 33 Weight 56g



SYNCRA™

- 33 Wide vision with padded face seal safety mask
- 33 Soft frame and comfort nose bridge
- 33 Can be worn over prescription spectacles
- 33 Available with optional face screen
- 33 Weight 106g + 70g for the optional face protector



VUETIX™

- 33 Wide vision safety mask
- 33 Soft frame and comfort nose bridge
- 33 Can be worn over prescription spectacles
- 33 Available with optional face screen
- 33 Weight 123g + 70g for the optional face protector



VERSIONS	GTS PRODUCT CODE				COATINGS	RISKS
	TOCARI	AREZZO	SYNCRA	VUETIX		
CLEAR <input type="radio"/>	RLYTOCARI01	RLYAREZZO01	RLYSYNCRA01	RLYVUETIX01	TECTON Anti-scratch/Anti-fog*	Impacts, UV radiations
SMOKE <input type="radio"/>	RLYTOCARI03	-	-	-	TECTON Anti-scratch/Anti-fog	Impacts, UV radiations
INC.FACE PROTECTION	RLYTOCARI04	RLYAREZZO04	RLYSYNCRA04	RLYVUETIX04	-	-

*TECTON coating applies to TOCARI only

HEAD PROTECTION





	TYPE	PAGE
	Helmets	98 - 99
	Accessories	100 - 101

EN STANDARD

European Standard EN 397 specifies the physical and performance requirements for industrial safety helmets.

Safety helmets are primarily designed to protect the wearer against falling objects and consequential brain injury and/or skull fracture. They offer maximum head protection.

Shock Absorption/Impact Resistance EN 397	EN 397 – Safety Helmets
Drop height 1 metre 0.25 metre	1 Metre
Maximum force allowed	5 Kilonewtons
Energy transmitted during test	49 Joules
Striker face and weight	50mm radius hemispherical, 5kg



MSA V-GARD WITH FAS-TRAC INSERT

FAS-TRAC INSERT - Ensuring your workforce wears their safety helmets can be a real headache. MSA, the leading provider of protective helmets, has the perfect remedy: the Fas-Trac® Suspension. No more pressure headaches. No more pulled hair. No more falling off. No more sacrificing worker comfort for safety. Market-leading MSA helmets now have a comfort-leading suspension.

33 Polyethylene shell provides superior impact protection

33 Self-adjusting crown straps ensure a comfortable fit

33 Available in a variety of colours

MSA V-GARD WITH FAS-TRAC INSERT

“The MSA V-Gard Helmet, with its distinctive trademark “V” design, is a world recognized brand known for comfort, quality, and durability. MSA has sold well over 100 million V-Gard Helmets since its introduction – so many in fact, that the iconic “V” design has been a mainstay for many years on even the toughest work sites. When you want the best comfort, quality and durability worn by millions across the globe, you need to buy the original MSA V-Gard Helmet, settle for nothing less.”

Colours	Size and Product Codes
	One Size
White	MSA124
Green	MSA123
Blue	MSA125
Yellow	MSA007
Red	MSA006
Black	MSA010



MSA V-GARD WITH STAZON INSERT

STAZON INSERT - The stazon on the back allows the helmet to sit on your head. This MSA Stazon replacement suspension features a headband, nape strap, cushionaire sweatband and adjustable crown straps. MSA recommends replacing hard hats and caps every 60 months and suspensions every 18 months.

33 Polyethylene shell provides superior impact protection

33 Self-adjusting crown straps ensure a comfortable fit

33 Available in a variety of colours

MSA V-GARD WITH STAZON INSERT

“The MSA V-Gard Helmet, with its distinctive trademark “V” design, is a world recognized brand known for comfort, quality, and durability. MSA has sold well over 100 million V-Gard Helmets since its introduction – so many in fact, that the iconic “V” design has been a mainstay for many years on even the toughest work sites. When you want the best comfort, quality and durability worn by millions across the globe, you need to buy the original MSA V-Gard Helmet, settle for nothing less.”

Colours	Size and Product Codes
	One Size
White	MSA003
Green	MSA002
Blue	MSA128
Yellow	MSA129
Red	MSA001
Black	MSA130





MSA V-GARD VISOR GUARD SYSTEM

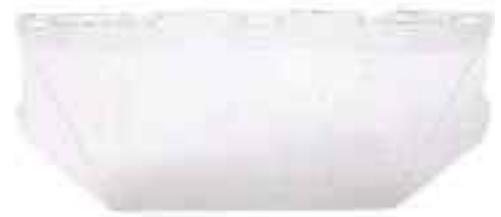
MSA008 Visor for V-Gard Helmet

MSA polycarbonate visors reliably protect against impact, chemical splash and Ultraviolet radiation. They are the perfect solution for general and basic applications and can be worn with helmet-mounted ear muffs. Must be used with MSA009 as a complete set.

Size and Product Codes

One Size

MSA008



MSA009 Clip for V-Gard Helmet Visor

The standard slotted frame works ideally with any MSA slotted helmet. The universal frame featuring a heavy-duty, flat, rubber strap can be used with slotted and non-slotted MSA helmets. With the unique sloped frame design material slides off the frame and out of site. The optional debris control creates a tight seal between helmet and frame. The elevated temperature versions withstand temps up to 350°F (176°C). Must be used with MSA008 as a complete set.

Size and Product Codes

One Size

MSA009



MSA V-GARD INSERTS

MSA119 Replacement Fas-Trac Helmet Liner

Designed with input from hundreds of customers-for use with MSA Helmets, as specified Fas-Trac® ratchet suspension for use with V-Guard Flush rear lug attachments eliminate pressure points Three levels of nape strap adjustment for customized fit Graspable ratchet with ultra-smooth rotation and steadfast hold. The ratchet comfort pad contours to the back of the head to improve airflow and prevent hair-pulling.

Size and Product Codes

One Size

MSA119



MSA118 Replacement Staz-On Helmet Liner

The Stazon Harness is used to fit inside your MSA helmet. The stazon on the back allows the helmet to sit on your head. This MSA Staz-On replacement suspension features a headband, nape strap, cushionaire sweatband and adjustable crown straps. MSA recommends replacing hard hats and caps every 60 months and suspensions every 18 months. Support and impact absorption to V-Gard helmets 4-point pin lock Slide adjustment.

Size and Product Codes

One Size

MSA118



MSA V-GARD CHINSTRAPS

MSA122 MSA Chinstrap Elastic

Put and keep MSA helmets in their place with these comfortable, adjustable chinstraps. Available in two styles; suspension-attached and shell-attached.

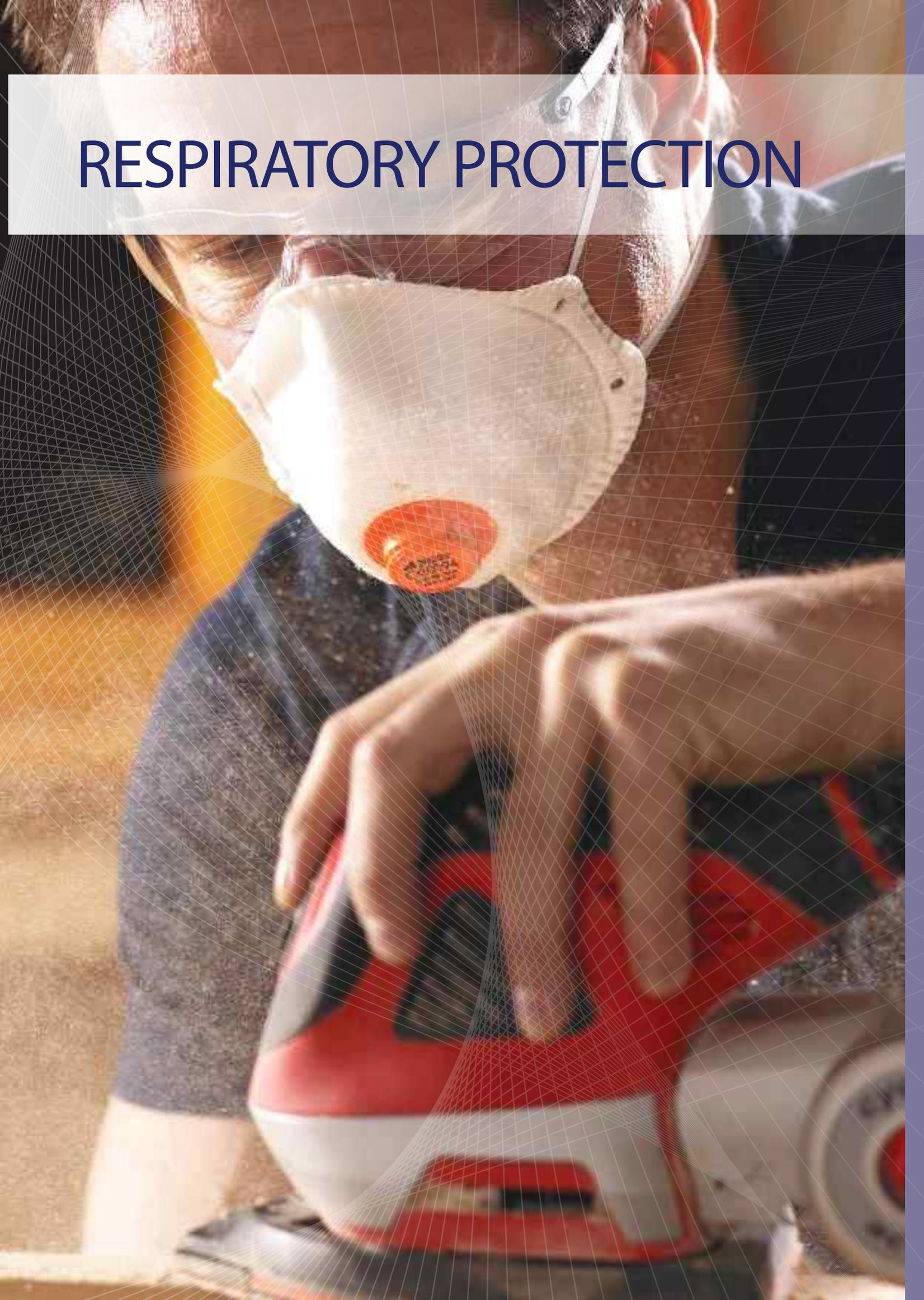
Size and Product Codes

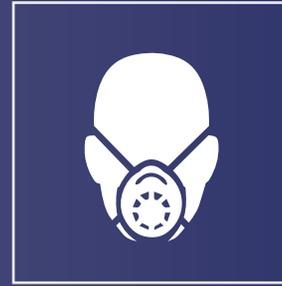
One Size

MSA122



RESPIRATORY PROTECTION





TYPE	PAGE
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Disposable Dust Respirators	104 - 105
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Respiratory Protection Selection Guide

	FFP1 Respirators	FFP2 Respirators	FFP3 Respirators
Protection Factor	APF 4	APF 10	APF 20
Typical Applications	Low-level fine dust/oil water-based mists (hand sanding, drilling and cutting)	Moderate-level fine dust/oil or water-based mists (plastering, cement, sanding and wood dust)	Higher-level fine dusts/oil or water-based (hazardous pharmaceutical powders, silica, biological agents and fibres)



3000 SERIES

3000 SERIES

The 3000 Series range of disposable respirators offers an outstanding level of protection demonstrated when conducting Face Fit Testing. Having electrostatic filter media allows low breathing resistance and a lightweight outer shell maintains excellent shape.



NOSEBRIDGE
Preformed Nosebridge to ensure continuity of fit



HEADSTRAP
Wide Four Point Adjustable Headstrap (3030V only)



INNER FACE SEAL
Full Soft Inner Face Seal (3030V only)

3020



3020V



3030V



	PROTECTION LEVEL	PACK SIZE	VALVED	APF	APPROVAL	GTS PRODUCT CODES
3020	FFP2	20	0	10	EN 149:2001+A1:2009 FFP2 NR D	AP2N3000
3020V	FFP2	10	3	10	EN 149:2001+A1:2009 FFP2 NR D	AP2V3000
3030V	FFP3	5	3	20	EN 149:2001+A1:2009 FFP2 NR D	AP3V3000

ALPHAMESH 8000 SERIES

alphamesh 8000

The Alphamesh 8000 series has been designed to improve comfort and performance whilst maintaining a secure fit. Colour coding the range makes identification simple and easy when varying levels of protection may be required.

White: FFP1
Blue: FFP2
Orange: FFP3



NOSEBRIDGE
Preformed Nosebridge to ensure continuity of fit



HEADSTRAP
Wide Continuous Loop with Adjustment



INNER FACE SEAL
Soft Foam Inner Face Seal on 8020CV and 8030V

8020



8020V



8030V



	PROTECTION LEVEL	PACK SIZE	VALVED	APF	APPROVAL	GTS PRODUCT CODES
8020	FFP2	20	0	10	EN 149:2001+A1:2009 FFP2 NR D	AP2N8000
8020V	FFP2	10	3	10	EN 149:2001+A1:2009 FFP2 NR D	AP2V8000
8030V	FFP3	5	3	20	EN 149:2001+A1:2009 FFP3 NR D	AP3V8000

9000 SERIES
9000 SERIES

The 9000 Series is a lightweight cup shape range of respirators that offers excellent value. A traditional range which incorporates a metal nose clip and individual head-straps. The 9000 Series benefits from a soft inner nose seal and a low profile valve.



NOSE CLIP
Metal Nose Clip Adjustment



HEAD STRAP
Adjustable Headstrap on 9020W & 9030V



SOFT INNER NOSE SEAL
Full Inner Face Seal on 9020W and 9030V

9020

9020V

9030V

9020W (Welding)


	PROTECTION LEVEL	PACK SIZE	VALVED	APF	APPROVAL	GTS PRODUCT CODES
9020	FFP2	20	0	10	EN 149:2001+A1:2009	AP2N9000
9020V	FFP2	10	3	10	EN 149:2001+A1:2009	AP2V9000
9030V	FFP3	5	3	20	EN 149:2001+A1:2009	AP3V9000
9020W Welding	FFP2	5	3	10	EN 149:2001+A1:2009	AP2C9000

C SERIES
C SERIES

The C-Series range of Twin Fold disposable respirators from Alpha Solway, offers many benefits such as unique colour coding and ease of storage, whilst their individual bagging also reduces risk of contamination.



SOFT FOAM NOSE INSERT



PATENTED TWIN FOLD DESIGN



NEW HIGH EFFICIENT VALVE

C2

C2-V

C3-V


	PROTECTION LEVEL	PACK SIZE	VALVED	APF	APPROVAL	GTS PRODUCT CODES
C2	FFP2	20	0	10	EN 149:2001+A1:2009 FFP2 NR D	AC2C000
C2-V	FFP2	20	3	10	EN 149:2001+A1:2009 FFP2 NR D	AC2VC000
C3-V	FFP3	20	3	20	EN 149:2001+A1:2009 FFP3 NR D	AC3VC000



Alpha
Solway



HEAR HEAR TO

.....

Reducing a worker's exposure to hazardous noise can boost morale and productivity.

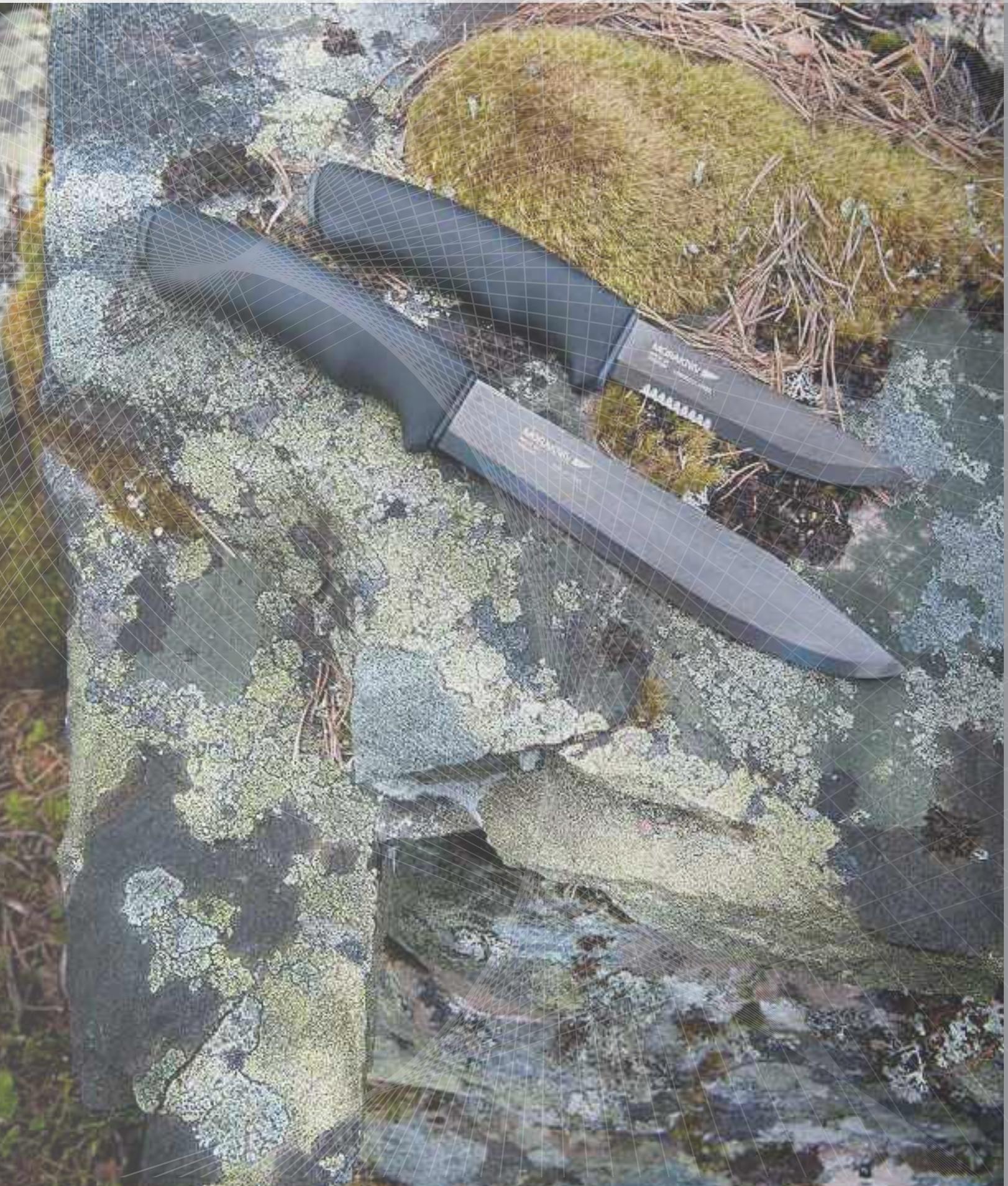
Protect your workforce with a high performance hearing protection solution from Alpha Solway.

Speak with one of our industry experts to find out more.

TODAY MORROW



INDUSTRIAL KNIVES





	TYPE	PAGE
	Food Industry	110 - 117
	General Purpose	118 - 123
	Sharpening	124



STRAIGHT WIDE BONING KNIFE 9130P



Polypropylene shaft with rough structure, a valuable alternative. Blade made of Swedish cold-rolled stainless steel. Hardened by means of deep refrigeration at -80 degrees for maximum hardness. Hardness: 58 RC.



Packaging Options
10-pack - Item: 121-5040



PLASTIC HANDLE



STAINLESS STEEL

33Blade Thickness: 2,5mm

33Blade Length: 130mm

33Total Length: 275mm

GTS Product code KNF022

FILLETING KNIFE 9151P



Handle: Double-moulded rubber grip with an etched structure. Suitable in wet conditions.



Blade: Blade made of Swedish cold-rolled stainless steel. Hardened by deep refrigeration at -80 degrees for maximum hardness. Hardness: 58 RC.

Packaging Options
10-pack - Item: 129-3820



RUBBER HANDLE



STAINLESS STEEL

33Blade Thickness: 2mm

33Blade Length: 151mm

33Total Length: 296mm

GTS Product code KNF001

FILLETING KNIFE 9210PG



Handle: Double-moulded rubber grip with an etched structure. Suitable in wet conditions.



Blade: Blade made of Swedish cold-rolled stainless steel. Hardened by deep refrigeration at -80 degrees for maximum hardness. Hardness: 58 RC.

Packaging Options
10-pack - Item: 129-3855



RUBBER HANDLE



STAINLESS STEEL

33Blade Thickness: 2mm

33Blade Length: 210mm

33Total Length: 355mm

GTS Product code KNF069

BUTCHER'S SCANDINAVIAN 133UG



Handle: Made of polyamide with a microblasted structure for optimum friction.



Blade: Blade made of Swedish cold-rolled stainless steel. Hardened by deep refrigeration at -80 degrees for maximum hardness. Hardness: 58 RC.

Packaging Options
10-pack - Item: 128-5317

GTS Product code KNF058



STAINLESS STEEL

33Blade Thickness: 2,5mm

33Blade Length: 133mm

33Total Length: 272mm



STRAIGHT WIDE BONING KNIFE 7153PG

Handle: Double-moulded rubber grip with an etched structure. Suitable in wet conditions.

Blade: Blade made of Swedish cold-rolled stainless steel. Hardened by deep refrigeration at -80 degrees for maximum hardness. Hardness: 58 RC.

Packaging Options

10-pack - Item: 129 - 3980



33Blade Thickness: 2,5mm

33Blade Length: 153mm

33Total Length: 298mm

GTS Product code KNF061



CURVED NARROW BONING KNIFE 7153UG

Handle: Double-moulded rubber grip with an etched structure. Suitable in wet conditions.

Blade: Blade made of Swedish cold-rolled stainless steel. Hardened by deep refrigeration at -80 degrees for maximum hardness. Hardness: 58 RC.

Packaging Options

10-pack - Item: 129 - 6137



33Blade Thickness: 2,5mm

33Blade Length: 153mm

33Total Length: 292mm

GTS Product code KNF063



BONING KNIFE 7159PG

Handle: Double-moulded rubber grip with an etched structure. Suitable in wet conditions.

Blade: Blade made of Swedish cold-rolled stainless steel. Hardened by deep refrigeration at -80 degrees for maximum hardness. Hardness: 58 RC.

Packaging Options

10-pack - Item: 127 - 5810



33Blade Thickness:

33Blade Length: 6/159mm

33Total Length: 304mm

GTS Product code KNF040



TRIM SCANDINAVIAN 7215PG

Handle: Made of polyamide with a microblasted structure for optimum friction.

Blade: Blade made of Swedish cold-rolled stainless steel. Hardened by deep refrigeration at -80 degrees for maximum hardness. Hardness: 58 RC.

Packaging Options

10-pack - Item: 129 - 3990



33Blade Thickness: 2,5mm

33Blade Length: 215mm

33Total Length: 360mm

GTS Product code KNF125





FISH SLAUGHTER KNIFE C223P



Polypropylene shaft with rough structure, a valuable alternative. Blade made of Carbon Steel.



Packaging Options

10-pack - Item: 141 - 7580

GTS Product code **KNF024**



PLASTIC HANDLE



CARBON STEEL

33Blade Length: 223mm

GUTTING KNIFE



Polypropylene shaft with rough structure, a valuable alternative. Blade made of Swedish cold-rolled stainless steel. Hardened by means of deep refrigeration at -80 degrees for maximum hardness. Hardness: 58 RC.



Packaging Options

10-pack - Item: 121 - 5180

GTS Product code **KNF094**



PLASTIC HANDLE



STAINLESS STEEL

33Blade Thickness: 2,5mm

33Blade Length: 130mm

33Total Length: 275mm

ROEING AND BLEEDING KNIFE 950P



Polypropylene shaft with rough structure, a valuable alternative. Blade made of Swedish cold-rolled stainless steel. Hardened by means of deep refrigeration at -80 degrees for maximum hardness. Hardness: 58 RC.



Packaging Options

10-pack - Item: 121 - 5190

GTS Product code **KNF006**



STAINLESS STEEL

33Blade Thickness: 2,5mm

33Blade Length: 160mm

33Total Length: 300mm



NARROW FILLET KNIFE 9151P



Fillet Knife Polypropylene shaft with rough structure, a valuable alternative. Blade made of Swedish cold-rolled stainless steel. Hardened by means of deep refrigeration at -80 degrees for maximum hardness. Hardness: 58 RC.



Packaging Options

10-pack - Item: 121 - 5070

GTS Product code **KNF000**



33Blade Thickness: 1,8mm 33Blade Length: 151mm 33Total Length: 290mm

BONING KNIFE 9153P



Straight Wide Boning Knife, Propylene Handle Semi-flex blade.



Packaging Options

10-pack - Item: 121 - 5050

GTS Product code **KNF060**



33Blade Length: 153mm

NARROW FILLET KNIFE 9156P



Fillet Knife Polypropylene shaft with rough structure, a valuable alternative. Blade made of Swedish cold-rolled stainless steel. Hardened by means of deep refrigeration at -80 degrees for maximum hardness. Hardness: 58 RC.



Packaging Options

10-pack - Item: 121 - 5010

GTS Product code **KNF004**



33Blade Length: 156mm

NARROW FILLET KNIFE 9160P

Fillet Knife Polypropylene shaft with rough structure, a valuable alternative. Blade made of Swedish cold-rolled stainless steel. Hardened by means of deep refrigeration at -80 degrees for maximum hardness. Hardness: 58 RC.



Packaging Options

10-pack - Item: 121 - 5090

GTS Product code **KNF002**



33Blade Length: 160mm



NARROW FILLET KNIFE 9174P



Fillet Knife Polypropylene shaft with rough structure, a valuable alternative. Blade made of Swedish cold-rolled stainless steel. Hardened by means of deep refrigeration at -80 degrees for maximum hardness. Hardness: 58 RC.

Packaging Options
10-pack - Item: 121-5080

GTS Product code KNF043



33Blade Length: 174mm



FILLETING KNIFE 9180P



Fillet Knife Polypropylene shaft with rough structure, a valuable alternative. Blade made of Swedish cold-rolled stainless steel. Hardened by means of deep refrigeration at -80 degrees for maximum hardness. Hardness: 58 RC.

Packaging Options
10-pack - Item: 121 - 5020

GTS Product code KNF015



33Blade Length: 180mm



WIDE FILLETING KNIFE 9210P



Fillet Knife Polypropylene shaft with rough structure, a valuable alternative. Blade made of Swedish cold-rolled stainless steel. Hardened by means of deep refrigeration at -80 degrees for maximum hardness. Hardness: 58 RC.

Packaging Options
10-pack - Item: 121 - 5060

GTS Product code KNF007



33Blade Thickness: 214mm

33Blade Length: 210mm

33Total Length: 2mm



BUTCHER STEAK KNIFE 7253P



Butchers Knife 7253UG Handle: Made of polyamide with a microblasted structure for optimum friction. Blade: Blade made of Swedish cold-rolled stainless steel. Hardened by means of deep refrigeration at -80 degrees for maximum hardness. Hardness: 58 RC.

Packaging Options
10-pack - Item: 11182

GTS Product code KNF079



33Blade Length: 253mm





BUTCHER'S KNIFE 7305UG

Handle: Made of polyamide with a microblasted structure for optimum friction.

Blade: Blade made of Swedish cold-rolled stainless steel. Hardened by means of deep refrigeration at -80 degrees for maximum hardness. Hardness: 58 RC.



Packaging Options

10-pack - Item: 11183



33Blade Thickness: 2,5mm

33Blade Length: 305mm

33Total Length: 452mm

GTS Product code KNF115

PARING KNIFE



Swedish Sandvik 12C27 cold-rolled stainless steel for extreme sharpness and high-edge retention

33Flexibility: Stiff

33Polypropylene handle with finger guard



Packaging Options

10-pack - Item: 138 - 6820



33Blade Thickness: 2mm

33Blade Length: 85mm

33Total Length: 205mm

GTS Product code KNF011

MORAKNIV HUNTING BELLY OPENER

Hunting Belly Opener Blade of Swedish cold-rolled special stainless steel with inside edge. Plastic handle. Blade length 63 mm. Plastic Easy-clean sheath.

Packaging Options

10-pack - Item: 11453



33Blade Thickness: 2mm

33Blade Length: 63mm

33Total Length: 180mm

GTS Product code KNF008



VICTORINOX

FOOD INDUSTRY



The right tools always make the job at hand more pleasurable, especially in the kitchen. And that's why Victorinox have put their passion into creating household and professional knives that are ergonomically designed and exceptionally sharp. Whether you use it in your five star restaurant or in your home kitchen, you'll feel like a pro with every slice, dice and chop.

The paring knife is one of the most important tools in your kitchen. And Victorinox make an extremely sharp paring knife with an especially ergonomic handle. With one of these in your hand, you can do anything – from simple slicing, to intricate cuts, to inspired garnishing. But most importantly, you'll show those fruits and vegetables who's in control.

SWISS CLASSIC PARING KNIFE 10CM

A paring knife is amongst the most important kitchen utensils a chef can have, because it is small and sharp enough to do delicate work no other knife can.

Packaging Options
Singles or 20-pack -

Item: 67706L115 PINK **GTS Product code** KNF301

67706L114 GREEN **GTS Product code** KNF304



33Blade Length: 100mm **33**Total Length: 211mm

SWISS CLASSIC PARING KNIFE 8CM

A paring knife is amongst the most important kitchen utensils a chef can have, because it is small and sharp enough to do delicate work no other knife can.

Other than that paring knives are ideal for removing peels or the veins of a shrimp, but also for deseeding fruits and vegetables with dexterity.

Packaging Options
Singles or 20-pack - Item: 67606L118

GTS Product code KNF302



33Blade Length: 80mm **33**Total Length: 188mm



VICTORINOX



FOOD INDUSTRY

SWISS CLASSIC PARING WAVY EDGE KNIFE

The Victorinox paring knives are extremely sharp and one of the best recommended tools of a chef and for starters. The appropriate hardness of the blade and the laser-tested cutting angle guarantee a high edge retention.

Packaging Options

Singles or 20-pack - Item: 67636L119



GTS Product code KNF303

33Blade Length: 80mm

33Total Length: 187mm

SWISS CLASSIC NET MENDING / WAVY EDGE / PAIRING KNIFE 8CM

This small handy knife is perfect for finely chopping, preparing and decoratively cutting fruit and vegetables.

Packaging Options

Singles or 20-pack - Item: 5.0433



GTS Product code KNF085

33Blade Length: 80mm

33Total Length: 187mm

SWISS CLASSIC WAVY EDGE KNIFE

The Victorinox paring knives are extremely sharp and one of the best recommended tools of a chef and for starters. The appropriate hardness of the blade and the laser-tested cutting angle guarantee a high edge retention.

Packaging Options

Singles or 20-pack - Item: 67836L114



GTS Product code KNF300

33Blade Length: 110mm

33Total Length: 218mm



COMPANION 860 MG S/S

The all-in-one knife for outdoor buffs. Blade of Swedish cold-rolled special stainless steel. Patterned high-friction grip makes the knife pleasant to hold and easy to handle. Dark green plastic sheath with a belt clip.

Packaging Options
15-Display - Item: 11827



GTS Product code KNF017



33Blade Thickness: 2,5mm

33Blade Length: 103mm

33Total Length: 218mm

COMPANION 840 MG CARBON

An all in one outdoor knife with a patterned high-friction grip handle. Military-green plastic sheath with a belt clip.

Packaging Options
15-Display - Item: 11863



GTS Product code KNF073



33Blade Thickness: 2,0mm

33Blade Length: 104mm

33Total Length: 218mm

COMPANION ORANGE

The all-in-one knife for outdoor buffs. Blade of Swedish cold-rolled special stainless steel. Patterned high-friction grip makes the knife pleasant to hold and easy to handle. In five colors, green, magenta, black, blue and orange. Plastic sheath with a belt clip.

Packaging Options
15-Display - Item: 11824



GTS Product code KNF030



33Blade Thickness: 2,5mm

33Blade Length: 103mm

33Total Length: 218mm



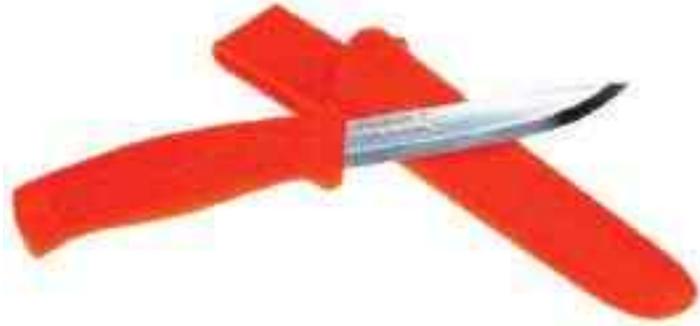
COMPANION FF KNIFE

The Mora Companion FF Stainless Steel Knife - Full Orange is a bright coloured outdoor knife. Its colour helps you avoid losing it and you are most likely to find it even in low light conditions.

This multipurpose outdoor knife is great for chopping, cutting, filleting and many more.

Packaging Options

1 pcs box - Item: 12033



GTS Product code **KNF098**



33Blade Thickness: 2,5mm 33Blade Length: 103mm

COMPANION F RESCUE

Knife with a patterned high-friction grip and serrated blade that has been developed for cutting rope, nylon and fiber.

The blade has a blunt safety tip. Blade of Swedish cold-rolled special stainless steel. Plastic fluorescent sheath with a belt clip.

Packaging Options

15-pack display - Item: 11828



GTS Product code **KNF097**



33Blade Thickness: 2,5mm 33Blade Length: 99mm 33Total Length: 214mm

INSULATION KNIFE

Insulation knife with a blade of Swedish cold-rolled special stainless steel and a specially serrated edge.

Packaging Options

10 pack - Item: 141 - 7230



GTS Product code **KNF116**



33Blade Thickness: 1,4mm 33Blade Length: 350mm 33Total Length: 500mm



MORAKNIV 748 MG

A knife that has been developed for and in collaboration with demanding professionals within the outdoor sectors. Its patterned high-friction grip and ergonomically designed handle facilitate work and prevent work-related and repetitive strain injuries. This knife has substantial finger protection. Blade of stainless steel. Black plastic sheath.

Packaging Options
1 pcs box - Item: 12475



GTS Product code KNF074



33Blade Thickness: 2,5mm 33Blade Length: 148mm 33Total Length: 275mm

MORAKNIV BASIC 546

We gave these knives an impact resistant handle with a new, larger, geometry that fits even better in your hand. The finger guard has been developed to optimize safety. The blades have a perfect balance between length and width, which gives a better experience when using the knife. The carefully chosen knife steel is hardened in Mora, Sweden.

Packaging Options
15-pack display - Item: 12241



GTS Product code KNF095



33Blade Thickness: 2,0mm 33Blade Length: 91 mm 33Total Length: 206mm

MORAKNIV ALL ROUND 711

A knife that has been developed for and in collaboration with demanding professionals within the construction and industrial sectors.

Its patterned high-friction grip and ergonomically designed handle facilitate work and prevent work-related and repetitive strain injuries. This knife has substantial finger protection. Blade of stainless steel. Black plastic sheath.

Packaging Options
15-Display - Item: 11481



GTS Product code KNF039



33Blade Thickness: 2,5mm 33Blade Length: 102mm 33Total Length: 225mm



MORAKNIV BASIC 511

The finger guard has been developed to optimize safety. The blades have a perfect balance between length and width, which gives a better experience when using the knife.

Packaging Options

15-Display - Item: 12147



GTS Product code **KNF021**



PLASTIC HANDLE



CARBON STEEL

33Blade Thickness: 2,0mm

33Blade Length: 91mm

33Total Length: 206mm

MORAKNIV ALL ROUND 746

A knife that has been developed for and in collaboration with demanding professionals within the construction and industrial sectors.

Its patterned high-friction grip and ergonomically designed handle facilitate work and prevent work-related and repetitive strain injuries. This knife has substantial finger protection. Blade of stainless steel. Black plastic sheath.

Packaging Options

15-Display - Item: 11482



GTS Product code **KNF038**



PLASTIC HANDLE



STAINLESS STEEL

33Blade Thickness: 2,5mm

33Blade Length: 102mm

33Total Length: 225mm



MORAKNIV ROPE

A rescue knife with a serrated blade that has been developed for cutting rope, nylon and fiber. The blade is made of carefully selected stainless steel that maintains its sharpness longer and can withstand a higher load on the blade.

Packaging Options
15 Pack Display - Item: 12245

GTS Product code KNF119



33Blade Thickness: 2,0mm 33Blade Length: 91mm 33Total Length: 206mm



MORAKNIV

MORAKNIV SAFE

A sturdy knife with carbon steel blade. The blade has a rounded safety tip to prevent injuries and provide a safe practice. The ergonomically designed handle is impact resistant.

Packaging Options
15 Pack Display - Item: 12244

GTS Product code KNF124



33Blade Thickness: 2,0mm 33Blade Length: 82mm 33Total Length: 198mm



MORAKNIV

RED FISH INDUSTRY KNIFE

Fish Industry Knife, Carbon Steel, Propylene Handle.

Packaging Options
10 Pack Display - Item: 1-1030C-P

GTS Product code KNF114



33Blade Length: 150mm



MORAKNIV

FISH 600 WITH HOOK BLADE

No removable parts, Complete with hook blade, Disposable

Packaging Options
1 pcs box - Item: KC-F600C

GTS Product code KNF306

33Blade Length: 40mm 33Total Length: 165mm





MINI GRIP CLAM PAK

Mini folder that feels like a full-sized knife. Rubberised Kraton® handles ensure a secure three finger grip and are available in Black, Blaze-Orange and Hot-Pink. Includes a double sided thumb stud and lanyard to attach to any key-chain or carabiner. The 8Cr13MoV stainless steel blade is hand finished shaving sharp.

Packaging Options

1 pcs box - Item: MG-10C

GTS Product code KNF123 TO KNF213



33Blade Length: 56mm

33Total Length: 130mm

MINI BABE CLAM PAK

Mini folder that feels like a full-sized knife. Rubberised Kraton® handles ensure a secure three finger grip and are available in Black, Blaze-Orange and Hot-Pink. Includes a double sided thumb stud and lanyard to attach to any key chain or carabiner. The 8Cr13MoV stainless steel blade is hand finished shaving sharp.

Packaging Options

1 pcs box - Item: MP-30C

GTS Product code KNF214



33Blade Length: 56mm

33Total Length: 130mm

MINI BLAZE CLAM PAK

Mini folder that feels like a full-sized knife. Rubberised Kraton® handles ensure a secure three finger grip and are available in Black, Blaze-Orange and Hot-Pink. Includes a double sided thumb stud and lanyard to attach to any key chain or carabiner. The 8Cr13MoV stainless steel blade is hand finished shaving sharp.

Packaging Options

1 pcs box - Item: MB-20C

GTS Product code KNF215



33Blade Length: 56mm

33Total Length: 130mm

ELECTRICIAN KNIFE

A special knife for electricians with a special feature for cable stripping. With double-ground spur for both lefties and righties. The blade has an integrated ergonomic finger guard that provides a safe handling and that prevents injuries.

With blade of stainless steel - a steel of highest quality with a very good edge retention, a sharpness that you do not normally find in stainless steel and a hardness of 57 HRC.

Packaging Options

1 pcs box - Item: 12201

GTS Product code KNF118

33Blade Thickness: 1,4mm

33Blade Length: 34mm

33Total Length: 154mm





ROUND STEEL 30CM INDIVIDUAL



Professional Quality Round Knife Sharpeners from Mora enable rapid and lasting sharpness for your fillet and utility knives.

Packaging Options
1 pcs box - item: I1260



GTS Product code KNF020

OVAL STEEL 30CM INDIVIDUAL



Professional Quality Round Knife Sharpeners from Mora enable rapid and lasting sharpness for your fillet and utility knives.

Packaging Options
1 pcs box - item: N1260



GTS Product code KNF037

CARBIDE SHARPENER CARDED



Reshapes a razor sharp edge in seconds. Simply draw the sharpener over the blade 3 to 4 times and you are ready to go.

Packaging Options
1 pcs box - item: TC-100

GTS Product code KNF123





Swedish quality since 1891

Knives have been made in Mora, Sweden since the 17th century and Morakniv® knives have ended up in the hands of people all over the world. Mora of Sweden continues its manufacturing in Mora to maintain control of production and quality.

A Morakniv® is extremely sharp and has a sharpness that lasts. Our knives always utilize high-quality knife steel that is optimally adapted to the tasks for which the knife is intended at prices that make sense.



Made in Sweden

MORAKNIV®



Made in Sweden by Mora of Sweden since 1891. www.morakniv.com

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