



**KOLMI HOPEN®**  
G R O U P

**INTERACTIVE  
VERSION**



# **2022 CATALOGUE**

MEDICAL  
INDUSTRIES  
HYGIENE

**INFECTION  
CONTROL AND  
RISK PREVENTION  
SOLUTIONS**



## OUR STORY

### HOW TO NAVIGATE

PREVIOUS PAGE



NEXT PAGE

HOME PAGE

When you see the hand icons, click them for more information on the product



1921

The factory is established in Angers.  
It **specialises in manufacturing cigarette paper**.

1972

KOLMI® creates Europe's **first single-use paper** mask.

1975

KOLMI® creates Europe's **first single-use non-woven** mask.

2003

**Creation of HOPEN®**, specialist in manufacturing and distributing PPE and hygiene solutions.

2007

KOLMI® becomes the **leading supplier of surgical masks** for operating theatres in France.

2010

**Creation of KOLMI HOPEN®** in order to provide a complete, head-to-toe protection solution.

2011

**KOLMI HOPEN® becomes part of the MEDICOM®** group, a major player in the dental sector and a specialist in single-use gloves.

2012

**KOLMI® celebrates its 40th Anniversary.** More than 2 billion masks have been manufactured since the company's creation.

2020

**KOLMI® opens a UK factory** and becomes one of the key suppliers of single-use masks to the NHS.

## OUR VISION

KOLMI HOPEN® is a European company, **a specialist in contamination control and risk prevention solutions**, committed to delivering excellence to our clients. We strive to create partnerships with our clients through strong relationships, providing high value, high quality products and exceptional service through continuous process improvement. We foster a work environment that brings out the best in every employee.

## OUR MISSION

The KOLMI HOPEN® group is dedicated to the continuous improvement of its solutions for the medical, industrial and hygiene markets. Our goal is to provide distributors, professionals and end-users with the most reliable brand name products of exceptional value. We bring an entrepreneurial passion to everything we do, to create remarkable client experiences.

## OUR VALUES

### RESPONSIBILITY

We design highly technical products that must meet all current and future standards and regulations.

### PROXIMITY

We provide a field presence to support our clients & users, from the design to the use of our products.

### TRUST

Our users need to be able to face risks with confidence, which we constantly guarantee.

**KOLMI HOPEN**  
a company of the  **Medicom**® GROUP

- Founded by Ronald Reuben in 1988
- Parent company based in **Canada**
- Trading in over **95 countries**
- A major player in **the fight against epidemics**: avian flu, SARS, H1N1, Ebola virus, COVID-19



OVER 3 BILLION MASKS  
MANUFACTURED  
SINCE 1975,  
THE EQUIVALENT OF:

**10** MASKS  
PER INHABITANT  
OF THE EUROPEAN UNION



**±1400**  
MEDICOM GROUP  
EMPLOYEES



**MANUFACTURING  
FACILITIES**



**ADMINISTRATIVE  
FACILITIES**



**LOGISTICS  
SITES**



# CONTENTS

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# 01

# MASKS

## **10 MEDICAL MASKS**

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MANUFACTURING OUR MASKS

/ Our clean room

All Kolmi® masks, used in the operating theatre or in a controlled environment, are manufactured in a clean room environment.

Our clean room contributes to the continuous microbial cleanliness of our masks and guarantees our customers products they can use immediately.



Pictogram legend

PRODUCT BENEFITS	
	Limits the risk of glare in the operating theatre
	A longer mask for better face coverage
	Helps avoid fog forming on glasses
	Protects the face from projections of potentially contaminated body fluids
	Provides greater comfort for the wearer and reduces the formation of fog on glasses

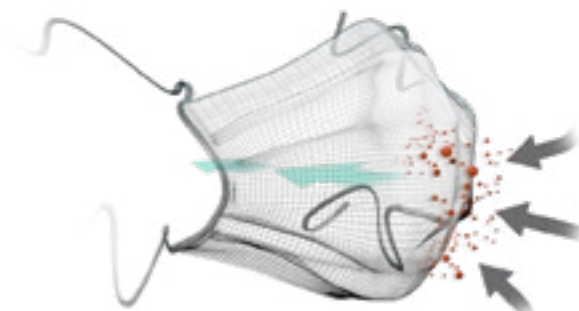
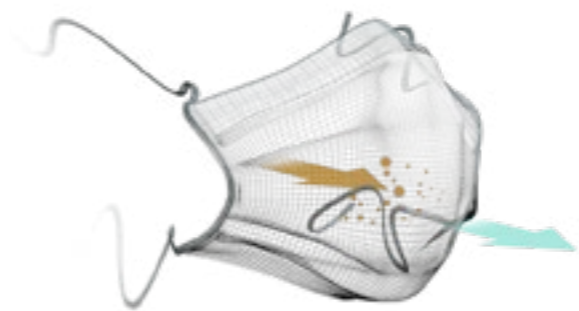
PRODUCT DETAILS	
	Product colour
	Easy to take out of the box
	Packaging
	Product size

The colours and designs shown on this page are for illustrative purposes only. For the full choice of colours, refer to the tables on the following pages.

MEDICAL MASKS

/ Definition

1. They protect the environment from the disease-causing agents transmitted by droplets emitted from the wearer’s mouth and nose.
2. They protect healthcare professionals from projections of potentially contaminated body fluids (Type II R rating).



/ Regulations

EN 14683:2019+AC:2019 - REQUIREMENTS

It defines the performance requirements for masks for medical use, taking into account various criteria that guarantee the quality of the mask and the safety of the wearer’s environment:

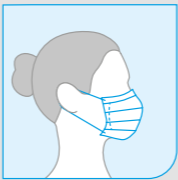
- Bacterial filtration efficiency (BFE)
- Breathability (Delta P)
- Resistance to body fluid projections (Type II R only)
- Biocompatibility
- Microbial cleanliness (Bioburden)

FURTHER TESTS, NOT REQUIRED BY STANDARD EN 14683

To guarantee further protection for users, Kolmi masks are tested for viruses and submicron particles using two tests:

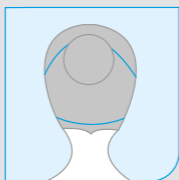
- Viral filtration efficiency (VFE)
- Filtration efficiency for particles of 0.1 µm (PFE)

DIFFERENT TYPES OF FASTENERS:



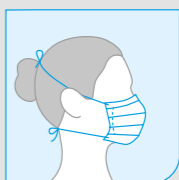
ELASTIC EARLOOPS

This is the most common type of fastener. Easy to put on and take off.



ELASTIC HEADLOOPS

This system combines the ease-of-use of traditional earloops with the comfort of ties that are placed behind the head and neck.



TIES

This is the most comfortable type of fastener for longer surgical procedures.






MEDICAL MASKS



Optimal comfort with Smile & Origami technologies  
Economical option

EARLOOP MASKS OP-R®

Class I MD Standard EN 14683:2019+AC:2019 MADE IN UK

Ref.		
TYPE II R		
M36101-BL-UK		1 case of 20 boxes of 50 pieces
M36201-30		
TYPE II		
M13101-32-BL-UK		1 case of 20 boxes of 50 pieces

**BUILT-IN NOSE PIECE**  
Our masks have a built-in nose piece which means they can be easily adjusted to any face shape.

**EXCEPTIONAL BREATHABILITY**  
Our masks are the most efficient on the market in terms of breathability. Their performance goes beyond what is required by standard EN 14683.

**THE KOLMI® SMILE**  
The Kolmi® smile was created to help the mask adjust comfortably to all types of face shape, and thus improve its breathability.

**BACTERIAL FILTRATION EFFICIENCY**  
Our medical masks provide exceptional bacterial filtration efficiency.

**KOLMI® FOLDING**  
The anatomic folding means the mask takes the shape of the wearer's face. It also ensures that the mask is comfortable to wear and adjusts properly to the wearer's face.

**SOFT RAW MATERIALS**  
Our masks provide unrivalled comfort for wearers with sensitive skin. The face piece, earloops, headloops and ties are all made of soft materials. For ultimate comfort, we guarantee our masks to be latex-free.



MEDICAL MASKS



Superior comfort thanks to the exceptional breathability and Kolmi Smile & Origami technologies  
Absorbent, anti-irritant inner layer with Feeldry technology  
Manufactured in an ISO 8 clean room (particles & microbiological monitoring)

TIE-ON MASKS OP-Air® ONE

Class I MD Standard EN14683:2019+AC:2019 MADE IN FRANCE

Ref.							
TYPE II R							
M34001-30							1 case of 6 boxes of 40 pieces
M34101-30							
M34201-30							
M34301-30							
M34101F-30							1 case of 6 boxes of 40 pieces
M34101M-30							
M34101MNV-30							1 case of 4 boxes of 25 pieces
M34101MV-30							
M34101N-30							1 case of 6 boxes of 40 pieces
M34101NV-30							1 case of 4 boxes of 25 pieces
M34101V-30							

**STANDARD**  
Without options.

**COMFORT**  
With its foam strip, it provides greater comfort for the wearer and reduces the risk of fog forming on glasses.

**ANTI-GLARE**  
Limits the risk of glare in bright light environments as well as for spectacle wearers.

**ANTI-FOG**  
Helps avoid fog forming on glasses.

**VISAGE +**  
A longer mask for better face coverage.

**ANTI-PROJECTION**  
The mask's built-in visor guarantees protection for the face from projections of body fluids.

MEDICAL MASKS

# WITH OPTIONS

TECHNOLOGIES FOR  
**THE PROTECTION OF FRONTLINE**  
WORKERS.

Anti-projection  
visor

Anti-fog

Anti-glare

Foam reinforcement

OUR NEW PACKAGING

## FLOWPACK

+ COMPACT

+ HYGIENIC

+ HANDY



**DESIGNED AND  
MANUFACTURED  
IN FRANCE**



# Kolmi®

## MEDICAL MASKS










### OP-air®

I **Comfortable** to wear thanks to Kolmi **Smile** & **Origami** technologies  
I **Soft**, anti-irritant inner layer with **Softex** technology for **sensitive skin**



## EARLOOP MASKS OP-air®

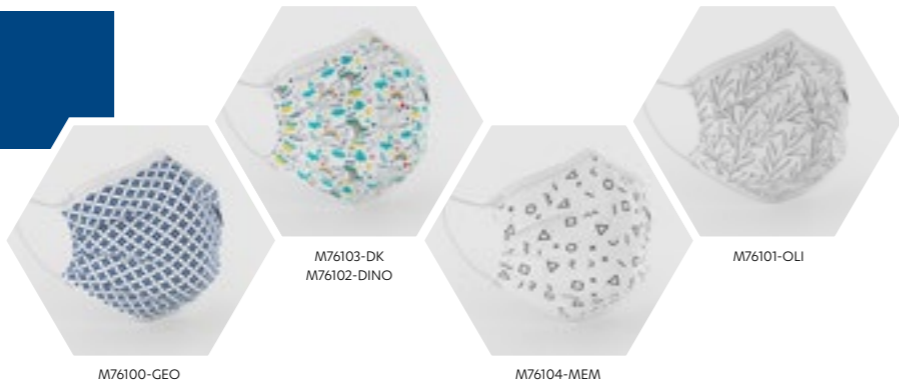
Class I MD Standard EN 14683:2019+AC:2019 **MADE IN FRANCE**

Ref.		
TYPE II R		
M76103-DK & M76104-MEM	<b>KOLORS</b> Our new range, see below for more details.	1 case of 12 boxes of 50 pieces
M76100-GEO		1 case of 16 boxes of 60 pieces
M76101-OLI		
M76102-DINO		
M14311-30-2000		1 case of 2000 pieces in a bag
M14311-32		1 case of 20 flowpacks of 40 pieces
M95121-30 OP-Air 		1 case of 12 boxes of 50 pieces
M95241-30 OP-Air 		
TYPE II R		
M35111-32		1 case of 20 flowpacks of 25 pieces

### OUR NEW RANGE

## KOLORS

MEDICAL MASKS FOR  
**ADULTS**  
& **CHILDREN**



Legend: Yellow honeycomb white blue green

## RESPIRATORY PROTECTION MASKS (FFP)

### / Definition

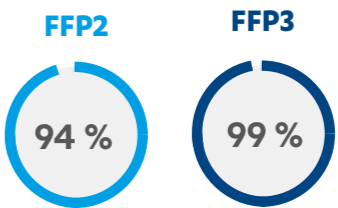
A respiratory protection mask is an item of category III Personal Protective Equipment (PPE) that covers the mouth, nose and chin. Also called an FFP mask for Filtering FacePiece, it protects the wearer from inhaling droplets and particles suspended in the air that carry infectious agents.




#### The purpose of a respiratory protection mask:

- I It protects the wearer from airborne particles.
- I There are 3 levels of filtration efficiency for airborne particles.
- I Standard EN 149:2001+A1:2009
- I EU Regulation 2016/425

#### Minimum filtration of FFP masks:



TOTAL INWARD LEAKAGE TEST			FILTER MATERIAL PENETRATION TEST		BREATHING RESISTANCE TEST		
MAXIMUM LEAKAGE LEVEL					INHALATION		EXHALATION
	*	**			30 L/MIN	95 L/MIN	160 L/MIN
FFP2	≤ 8 %	≤ 11 %	FFP2	≤ 6 %	FFP2	≤ 0,7	≤ 2,4
FFP3	≤ 2 %	≤ 5 %	FFP3	≤ 1 %	FFP3	≤ 1	≤ 3
The test measures inward leakages from the sealing joint, valve and filter medium			The test measures the % of solid (sodium chloride) or liquid (paraffin oil) particles that penetrate the mask		The test measures the maximum permitted resistance (mbar)		
							
* results for at least 8 of the 10 arithmetic averages for each wearer							
** results for at least 46 of the 50 individual exercise results							






FFP MASKS OP-air® PRO  
oxygen

- Exceptional breathability that provides extreme comfort
- With their carefully designed shape and the use of soft, smooth materials, they adjust perfectly to the wearer thus reducing leaks to the face (available in 3 sizes)
- Certified Type II R (see references), they protect the environment from droplets emitted by the wearer and protect the wearer from potential projections of body fluids

Cat. III PPE Standard EN 149 : 2001+A1 : 2009

Class I MD Standard EN 14683:2019+AC:2019



Ref.			TYPE IIR	INDIVIDUAL PACKAGING	
FFP2 NR D*					
M52214-WH-UK		S	●		1 case of 10 boxes of 50 pieces
M52214S-WH-UK		S	●	●	
M52014-WH-UK		M	●		1 case of 10 boxes of 50 pieces
M52014S-WH-UK		M	●	●	
M52114-WH-UK		L	●		1 case of 4 boxes of 50 pieces
M52114S-WH-UK		L	●	●	
FFP3 NR D*					
M53214S-WH-UK		S	●	●	1 case of 10 boxes of 50 pieces
M53014S-WH-UK		M	●	●	1 case of 10 boxes of 50 pieces
M53114S-WH-UK		L	●	●	1 case of 10 boxes of 50 pieces

COMFORT & PROTECTION  
Our FFP masks feature woven headloops, welded by ultrasound, to guarantee the best possible fit. They are easy to put in place and comfortable to wear for long periods of time.



LAYERS OF NON-WOVEN MATERIAL MADE OF SPUNBOND AND MELTBLOWN  
Our FFP masks feature a combination of layers made up of spunbond and meltblown, to ensure maximum protection and unbeatable comfort.



SOFT RAW MATERIALS  
Our respiratory protection masks are latex-free and the inner layer is made of a lightweight, smooth material that guarantees protection and optimal comfort for the wearer.

EXCELLENT FIT  
Our FFP masks are available in three sizes\* and feature a built-in, flexible nose piece to ensure the best possible fit.  
\*Depending on the level of protection

EXCEPTIONAL BREATHABILITY  
Only the finest raw materials available are used to produce Kolmi® FFP masks, making them exceptionally breathable.

Legend: ○ white  
\*NR (Non-Reusable) D (dolomite-tested)

HEADLOOP MASKS ISO air®

ESPECIALLY FOR CLEAN ROOMS & CONTROLLED ENVIRONMENTS

- Very limited particle release - tested using the Helmke Drum Test
- Suitable for clean rooms - ISO class 3 and above
- Very good face coverage - Width 230mm
- Excellent bacterial & particle filtration
- Softex technology - an anti-irritant layer made from soft materials for sensitive skin



Ref.			
60.701	○	230 x 95mm	1 bag of 6 polybags of 50 individually packaged masks



# 02

## HEAD COVERS

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HEAD COVERS

/ Our range

We offer a comprehensive range of single use head covers for the medical world and sensitive industries. From surgeon's caps, hoods, clip caps or bouffant caps and caps with visor, to snooded caps, forage hats or even chef's hats, our range includes products to meet all your needs.



MADE IN FRANCE

Kolmi®

HEAD COVERS

Our range of medical head covers is made in France and is suitable:

- In a hospital environment
- For health industries
- For complying with hygiene procedures in the medical sector

Our **SAFEwear VITALS**® brand is a sign of quality that guarantees optimal protection and comfort.

CLIP CAP  
POLYPROPYLENE

MADE IN FRANCE

SAFEwear VITALS®



- comfortable, breathable and very stretchable to cover all heads of hair
- very durable
- latex-free

REF.	COL.	SIZE	g/m²	PACKAGING	QTY/BOX
C12004	○	48cm	10	dispensing box	1 x 300 pcs
C12103	●				
C12001	○	48cm	15	dispensing box	1 x 200 pcs
C12101	●				
C12201	●				

SURGEON'S CAP  
84% VISCOSE/ 16% POLYMER BINDER

MADE IN FRANCE

SAFEwear VITALS®



- airy and very stretchable
- very durable
- latex-free

REF.	COL.	SIZE	g/m²	PACKAGING	QTY/BOX
C13600	●	M/L	40	dispensing box	5 x 100pcs
C13700	●				

pcs : pieces



\* European regulation 2017/745

## HEAD COVERS

The Hopen range of head covers is suitable for use:

- In **industry, catering, food** and **hygiene** sectors
- In environments that require **HACCP compliance**

### CAP CLIP - POLYPROPYLENE - COMFORT



- stays perfectly in place
- very good coverage
- double elastic for extra comfort

REF.	COL.	SIZE	g/m²	PKG	QTY/BOX
70.111	○	50cm	12	dispensing box	4 x 250pcs
70.104	●				

### CAP BOUFFANT - POLYPROPYLENE



- very light
- adjusts to all heads of hair

REF.	COL.	SIZE	g/m²	PKG	QTY/BOX
70.011S	○	53cm	12	polybag	10 x 100pcs
70.061	○	61cm		polybag	10 x 100pcs
70.062	●				

### CAP CLIP - POLYPROPYLENE



- stays perfectly in place
- very good coverage

REF.	COL.	SIZE	g/m²	PKG	QTY/BOX
70.101	○	50cm	12	polybag	10 x 100pcs
70.102	●				
70.103	●				

### CAP WITH VISOR - POLYPROPYLENE



- lightweight for increased user comfort
- with a visor for a more attractive look at work

REF.	COL.	SIZE	g/m²	PKG	QTY/CARTON
70.201	○	53 cm	15	dispensing box	5 x 100pcs
70.201S				polybag	10 x 100pcs

pcs : pieces

### PEAKED CAP SNOODED - POLYPROPYLENE



- covers the whole head of hair
- particularly suitable for users with long hair
- projects a reassuring and professional image

REF.	COL.	SIZE	g/m²	PKG	QTY/BOX
70.401S	○	without visor 19.5cm visor 8cm snood 24cm		polybag	10 x 100pcs

### BEARD COVER POLYPROPYLENE



- perfectly covers the lower part of the face
- suitable for protecting the user's environment from beard hair contamination

REF.	COL.	SIZE	g/m²	PKG	QTY/BOX
70.801	○	45cm	8	polybag	10 x 100pcs
70.802	●				



pcs : pieces

# 03

## SHOE COVERS

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# SHOE COVERS

## / Our range & possible areas of use

Used mainly in the medical and industrial sectors, single use shoe covers are perfect for visitors and staff in the fight against spreading bacteria in the work place. We offer a wide range of shoe covers for all types of activity.

Our shoe covers with SAFEFEET SKIDGUARD™ and SAFEFEET ISOGUARD™ non-slip technologies are made in France and guarantee the best protection for workers in various environments. They are available in different sizes and colours, as well as various types of packaging (dispensing boxes, bulk, with or without a bag).

### A WIDE VARIETY OF COLOURS

to avoid the risk of cross-contamination.

### EASY AND QUICK TO DON

### NON-SLIP, WATER-REPELLENT TECHNOLOGY

SAFEFEET SKIDGUARD™ and SAFEFEET ISOGUARD™

### A WIDE VARIETY OF SIZES

3 different heights and 3 different lengths.

### SIZES AVAILABLE:



## We offer a comprehensive range of products

From economical to premium quality, to meet the various needs of the market.

## OUR PREMIUM OFFERING

### SAFEFEET SKIDguard SHOE COVERS ■ ■ MADE IN FRANCE

Our SAFEFEET SKIDGUARD™ shoe covers are water-repellent and truly non-slip, thanks to the soles developed with exclusive technology. They are ideal on smooth ground and for wet environments. They are also suitable for use in the operating theatre. Our shoe covers are tested according to the requirements of standard EN ISO 11737-1 for Bioburden and are certified as a Class 1 Medical Device.

### SAFEFEET ISOguard SHOE COVERS ■ ■ MADE IN FRANCE

The SAFEFEET ISOGUARD™ range, with reinforced soles, is water-repellent and non-slip, just like SAFEFEET SKIDGUARD™ technology, and it has been tested according to the standard for lint and particle release.

### TYVEK® AND MICROPOROUS SHOE COVERS

With or without PVC soles, made of very light materials that are impermeable to air, they provide an excellent barrier against fine particles and splashes. They are also lint-free. Ideal for use in clean rooms, paint workshops, laboratories, the aeronautical industry as well as in the chemical and petrochemical sectors.

## OUR TRADITIONAL, ECONOMICAL RANGE

### PP SHOE COVERS ■ ■ MADE IN FRANCE

SAFEFEET VITALS™ is an economical range made of 100% spunbond polypropylene, without soles. The range is recommended for the food industry and for patients in the operating theatre. Our shoe covers are certified as a Class 1 Medical Device in accordance with regulation 2017/745 and are tested according to the requirements of standard EN ISO 11737-1.

### CPE AND PE SHOE AND BOOT COVERS

Resistant to projections of non-dangerous liquids. Most suitable for very short-term use. Ideal for visitors.

# SHOE COVERS

## / Our sectors

### MEDICAL & LABORATORIES

Hospitals / Clinics  
Dentists  
Thalassotherapy centres  
Convalescent facilities  
Spas and beauty centres  
Veterinary surgeries  
Pharmaceutical industries  
Research laboratories



### INDUSTRIES

Automobile  
Nuclear  
Chemical / Petrochemical  
Electronics  
Aeronautical  
Mechanical / Painting  
Agriculture  
Construction

### HYGIENE & SERVICES

Food industry  
Restaurant and Catering service  
providers  
Agriculture  
Cleaning services  
Community services and  
administration  
Airports  
Childcare services  
Property services



MADE IN FRANCE

SHOE COVERS

Possible areas of use:

- Hospitals
- Clinics
- Nursing homes
- Food industry & Hygiene



PP SHOE COVERS  
WITH PE SOLE

• Class I MD     **MADE IN FRANCE**

SAFE FEET SKIDguard



- waterproof and non-slip 60µm sole
- breathable and lightweight
- elasticated at the ankles
- available in various colours and sizes

REF.	COL.**	SIZE	PKG	QTY/BOX
H06711B		XL / 400 x 160mm	dispensing box	400
H06701B				
H06741B				
H06751B				
H07101A		XXL / 420 x 230mm		300

CPE SHOE COVERS

SAFE FEET® BASICS™



- very economical
- liquid-tight
- most suitable for very short-term use
- ideal for visitors

REF.	COL.	SIZE	PKG	QTY/BOX
H10100		38cm	polybag	20 x 100
H10150		41cm		
H10100M***		36cm		


100% PP SHOE COVERS  
WITHOUT SOLE

• Class I MD     **MADE IN FRANCE**

SAFE FEET® VITALS™



- made of water-repellent polypropylene
- elasticated at the ankles
- ideal for patients in the operating theatre and visitors

REF.	COL.	SIZE	PKG	QTY/BOX
H01038A		L	dispensing box	500
H03602A		L + high		

TYVEK EXTRA BOOT COVERS  
WITH PVC SOLE



- highly breathable, microporous material
- liquid-tight, highly durable, PVC sole
- recommended in the food industry & controlled environments

REF.	COL.	SIZE	PACKAGING	QTY/BOX
10.210		345 x 510mm	box	200

\* European regulation 2017/745  
\*\* left part of circle = colour of non woven / right part = colour of sole  
\*\*\*Latex-free

SHOE & BOOTS COVERS

Possible areas of use:

- Pharmaceutical industries
- Research laboratories
- Nuclear, Electronics, Aeronautical industries
- Food industry




PP SHOE COVERS  
WITH PE SOLE

• Class I MD     **MADE IN FRANCE**

SAFE FEET SKIDguard




- waterproof and non-slip 60µm sole
- elasticated at the ankles
- for all types of body shape and all types of shoe
- recommended for use over long periods
- available in various colours and sizes

REF.	COL.	SIZE	PKG	QTY/BOX
10.006		XL 400 x 160mm	box with bag	400
10.005V				200
10.007XXL		XXL 420 x 230mm		300

PE SHOE COVERS  
MICROPOROUS + PVC SOLE



- resistant to abrasion
- waterproof, breathable material
- non-slip ribbed PVC sole

REF.	COL.	SIZE	PKG	QTY/BOX
10.116		345 x 160mm	box with bag	500

\* European regulation 2017/745

ELASTICATED BOOT COVERS  
PE 70 µm



- liquid-tight, highly durable
- covers the whole boot
- recommended in the food industry and controlled environments

REF.	COL.	SIZE	PACKAGING	QTY/BOX
10.200	transparent	325 x 530mm	box with bag	10 x 50



PP SHOE COVERS  
WITH 80µ PE SOLE

 **MADE IN FRANCE**

SAFE FEET ISOguard




- with a reinforced 80u PE plastic-coated sole
- limited particle release makes them ideal for ISO 3-type environments
- for all types of body shape and all types of shoe
- recommended for use over very long periods
- available in one size and 2 colours

REF.	COL.	SIZE	PKG	QTY/BOX
10.005		one size	box with bag	200
10.008				400

SHOE COVERS  
100% PE - EMBOSSED



- durable and liquid-tight with reinforced 80u PE
- ideal on wet or rough ground, indoors or outdoors

REF.	COL.	SIZE	PKG	QTY/BOX
10.110		165 x 380mm	bag	1 x 400

# 04

## GLOVES

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# GLOVES

## / Areas of use



### MEDICAL DEVICE (MD)

Barrier to contamination

EUROPEAN STANDARD EN 455



### HYGIENE EQUIPMENT

Protects the environment

COMPLIES WITH REQUIREMENTS  
OF REGULATION (EC) 1935/2004 (food contact)

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Protects the user  
against external risks

EUROPEAN STANDARDS  
EN 420/ISO 21420, ISO EN 374-1/2/4/5, EN 16523-1,  
EN 16604, EN 421, ASTM D6978-05

## European regulation 2017/745 relating to medical devices

### EUROPEAN STANDARD EN 455 SINGLE USE MEDICAL GLOVES (MD)

This series of standards applies to medical gloves, which are designed to provide a barrier between patient and user against cross-contamination.

The series of standards EN 455 consists of 4 parts:

#### EN 455-1:2020 REQUIREMENTS AND TESTING FOR DETECTION OF HOLES

Gloves are subjected to water-tightness testing to detect any holes. The test is carried out on a statistical sample (taken in accordance with ISO 2859-1).

#### EN 455-2:2015 REQUIREMENTS AND TESTING FOR PHYSICAL PROPERTIES

The standard specifies the requirements and test methods relating to the physical properties of non-reusable medical gloves, such as dimensions and breaking strength, before and after accelerated ageing.

	SURGICAL GLOVES	EXAMINATION / PROCEDURE GLOVES Latex / Nitrile	EXAMINATION / PROCEDURE GLOVES Thermo-plastic polyvinyl chloride, polyethylene
Breakage strength in Newtons (N)	≥ 9.0	≥ 6.0	≥ 3.6
Available in the MEDICOM range	No	Yes	Yes

#### EN 455-3:2015 REQUIREMENTS AND TESTING FOR BIOLOGICAL EVALUATION

The standard describes the requirements and test methods for evaluating the biological safety of medical gloves, as part of a risk management process, in accordance with standard EN ISO 14971:2019 and biocompatibility in accordance with EN ISO 10993-1:2020.

This involves assessing factors such as:

1. The quantity of talcum powder
2. Chemical components used in manufacturing processes - accelerators, antioxidants, biocides
3. Extractable proteins (for latex gloves)

#### EN 455-4:2009 DETERMINATION OF SHELF LIFE

The standard is used to determine the expiry date, the date beyond which the integrity of the glove's physical properties can no longer be guaranteed. The maximum possible shelf life for a medical glove is 5 years from the date of manufacture.

European regulation 2016/425  
relating to personal protective equipment

CATEGORIES

- CATEGORY I protects against minor risks.
- CATEGORY II protects against reversible risks; certified by a notified body.
- CATEGORY III protects against irreversible risks (microbiological, chemical, etc.) certified and checked annually by a notified body.
  - notified body number must be stated.

STANDARD EN 420 / EN ISO 21420:2020

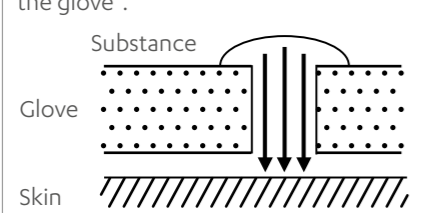
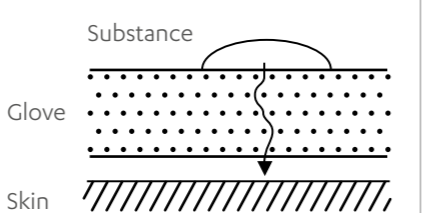
General requirements and test methods applicable to all personal protective gloves.

It covers:

- The design and construction of the glove
- Resistance of constituent materials to water penetration
- Innocuousness
- Comfort and efficiency
- Marking

STANDARD EN ISO 374-1: 2016:  
PROTECTION AGAINST CHEMICALS

How do you determine a glove’s resistance when in contact with a chemical?

PENETRATION	PERMEATION	DEGRADATION
<p>Penetration describes the passage of a chemical through the imperfections of the material, or the pores and joints of the glove*.</p> 	<p>Permeation is the diffusion of a chemical, on a molecular level, through the glove material*.</p> 	<p>Degradation concerns the determination of resistance to degradation by chemicals. Degradation = transformation with deterioration of one or more properties of the glove material, after being in contact with a chemical. For example, peeling, swelling, disintegration, weakening, discoloration, dimensional variations, hardening, softening, etc.</p>

\* Source: French National Research and Safety Institute

The standard is based on 3 test methods:




- Penetration test under standard EN ISO 374-2:2019
- Permeation test under standard EN 16523-1+A1:2018
- Degradation test under standard EN 374-4:2019

Permeation and degradation tests must be carried out in order to claim that the glove provides protection against a chemical. The results are stated on the product information leaflet.

CHEMICAL PERMEATION: EN 16523-1+A1:2018

The risk of chemical permeation is defined as the substance passing through the glove. The migration of chemical molecules through the glove is determined by the breakthrough time (in minutes) of the chemical through the glove. The choice of glove is based on its level of performance (breakthrough time) which determines whether it belongs to a type of protection (A, B or C).

1 pictogram & 3 types of protection:

TYPE OF GLOVE	REQUIREMENT	EXAMPLE OF MARKING
Type A	Breakthrough time ≥ 30 mins for at least 6 chemicals	 EN ISO 374-1:2016/Type A AJKLPT
Type B	Breakthrough time ≥ 30 mins for at least 3 chemicals	 EN ISO 374-1:2016/Type B JKL
Type C	Breakthrough time ≥ 10 mins for at least 1 chemical	 EN ISO 374-1:2016/Type C



Official list of chemicals listed for standard EN ISO 374-1:2016

A	Methanol	67-56-1	Primary alcohol
B	Acetone	67-64-1	Ketone
C	Acetonitrile	75-05-8	Nitrile compound
D	Dichloromethane	75-09-2	Chlorinated hydrocarbon
E	Carbon disulphide	75-15-0	Sulfur-containing organic compound
F	Toluene	108-88-3	Aromatic hydrocarbon
G	Diethylamine	109-89-7	Amine
H	Tetrahydrofurane	109-99-9	Heterocyclic and ether compound
I	Ethyl acetate	141-78-6	Ester
J	n-Heptane	142-82-5	Saturated hydrocarbon
K	Sodium hydroxide 40%	1310-73-	Inorganic base
L	Sulfuric acid 96%	7664-93-9	Inorganic mineral acid, oxidising
M	Nitric acid 65%	7697-37-2	Inorganic mineral acid, oxidising
N	Acetic acid 99%	64-19-7	Organic acid
O	Ammonia 25%	1336-21-6	Organic base
P	Hydrogen peroxide 30%	7722-84-1	Peroxide
S	Hydrogen fluoride 40%	7664-39-3	Inorganic mineral acid
T	Formaldehyde 37%	50-00-0	Aldehyde

STANDARD EN ISO 374-5: 2016  
PROTECTION AGAINST  
MICRO-ORGANISMS

The gloves must comply with the liquid-tightness test in accordance with standard EN ISO 374-2:2019.










It is also possible to claim protection against viruses if the glove complies with test EN 16604: 2004 (method B).

<div>EN ISO 374-5:2016</div> <div></div>	For gloves that protect against bacteria and fungi
<div>EN ISO 374-5:2016</div> <div><div><div>VIRUS</div></div></div>	For gloves that protect against bacteria, fungi and viruses

OTHER STANDARDS

<div>EN 421:2010</div> <div></div>	For gloves that protect against radioactive particles
<div>ASTM D6978-05</div> <div></div>	For gloves that protect against chemotherapy medicines

PICTOGRAMS  
/ LEGEND

	Non sterile				
	Fully textured		Textured fingertips		Smooth (no texture)
	Contains latex		Latex-free		
	Powdered		Powder-free		
	Food contact				
E&T	Requirements and testing				



Size guide:

SIZE		Circumference of hand (in mm)	Length of hand (in mm)	Minimum length of glove (in mm)
S6	XS	152	160	240
S7	S	178	171	240
S8	M	203	182	240
S9	L	229	192	240
S10	XL	254	204	240

/ Our range & possible areas of use

We offer a wide range of gloves, made of nitrile, latex or vinyl, as well as TPE or polyethylene. They are available in various sizes, from XS to XL, for the most part packaged in cases of 10 boxes of 100 gloves.

Our gloves are manufactured in accordance with standards in force (MD and/or PPE and/or food contact), and are suitable for use in the food, industrial or medical sectors.

<div><div>NITRILE</div><div>SAFETOUCH ADVANCED</div></div>	<ul style="list-style-type: none"><li>• 'Second skin' sensation, soft texture</li><li>• Made of synthetic latex, considered an excellent alternative for people allergic to natural latex</li><li>• Improved polymer technology for a comfortable fit, to provide optimal dexterity in wet and dry conditions</li><li>• Textured fingertips for better grip control</li><li>• Provides high puncture resistance (three times better than latex) and abrasion resistance</li><li>• Mechanically resistant to avoid overconsumption</li><li>• Provides protection against chemical exposure</li><li>• Compatible with certain foodstuffs</li></ul>
<div><div>LATEX</div><div>SAFETOUCH CONNECT</div></div>	<ul style="list-style-type: none"><li>• Very flexible and elastic</li><li>• Provides outstanding fit, comfort and dexterity</li><li>• Extreme sensitivity for good grip control</li><li>• Excellent mechanical resistance to tearing and folding</li><li>• Good abrasion resistance for better durability</li><li>• Provides an effective barrier against biological contaminating agents</li></ul> <p>NB: possible risk of allergies in case of prolonged and direct skin contact</p>
<div><div>VINYL</div><div>SAFETOUCH EVERSTRONG</div></div>	<ul style="list-style-type: none"><li>• A good economical alternative to latex and nitrile gloves, for short-term use</li><li>• Provides standard level protection</li><li>• Excellent against punctures, stretching and general wear</li></ul> <p>NB: not compatible with prolonged contact with greasy substances in the context of food contact standards</p>
<div><div>PE</div><div>SAFETOUCH SAFEBASICS</div></div>	<ul style="list-style-type: none"><li>• The most economical on the market</li><li>• Use in service stations and retailing</li></ul>



# NITRILE RANGE

## / Safetouch Advanced

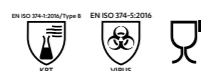
### SAFETOUCH ADVANCED SLIM

POWDER-FREE




Class I MD EN 455-1-2-3-4 / ISO 10993

Cat. III PPE EN 420



- high elasticity and optimal comfort
- excellent grip on objects for easier handling
- recommended in the medical, industrial and food sectors

BEST SELLER

REF.	COL.	SIZE	PKG	QTY/BOX
1175N-A		S6	XS	box
1175N-B		S7	S	
1175N-C		S8	M	
1175N-D		S9	L	
1175N-E		S10	XL	

### SAFETOUCH ADVANCED HEAVY & LONG

POWDER-FREE





Class I MD EN 455-1-2-3-4 / ISO 10993

Cat. III PPE EN ISO 21420: 2020



- very sturdy
- textured fingertips for better grip on objects
- 240mm cuff (1135P) or 290mm cuff (1131P)
- recommended in the medical and chemical fields and laboratories (research, pharmaceuticals, clean room)

REF.	COL.	SIZE	PKG	QTY/BOX
1131P-B		S7	S	box
1131P-C		S8	M	
1131P-D		S9	L	
1131P-E		S10	XL	
1135P-A		S6	XS	box
1135P-B		S7	S	
1135P-C		S8	M	
1135P-D		S9	L	
1135P-E		S10	XL	

### SAFETOUCH ADVANCED PLATINUM

POWDER-FREE




Class I MD EN 455-1-2-3-4 / ISO 10993

Cat. III PPE EN 420



- high elasticity and optimal comfort
- excellent grip on objects for easier handling
- recommended in the medical, industrial and food sectors

REF.	COL.	SIZE	PKG	QTY/BOX
1174N-A		S6	XS	box
1174N-B		S7	S	
1174N-C		S8	M	
1174N-D		S9	L	
1174N-E		S10	XL	

### SAFETOUCH ADVANCED VITALS



POWDER-FREE



Class I MD EN 455-1-2-3-4 / ISO 10993



- good dexterity
- very light
- recommended for medical care
- packaging: 100 pcs or 200 pcs













































































REF.	COL.	SIZE	PKG	QTY/BOX
1191N-A		S6	XS	box
1191N-B		S7	S	
1191N-C		S8	M	
1191N-D		S9	L	
1191N-E		S10	XL	
1193N-A		S6	XS	box
1193N-B		S7	S	
1193N-C		S8	M	
1193N-D		S9	L	
1193N-E		S10	XL	

\* Restrictions on acidic and fatty foods

## SUMMARY

# NITRILE RANGE

### / SafeTouch Advanced

		References /				
		1174N	1175N	1191N/1193N	1131P	1135P
GENERAL INFORMATION	PRODUCT					
	COLOUR					
	WEIGHT	3.5 g	3.5 g	3.2 g	7.8 g	7 g
	POWDERED					
	TEXTURED					
	LENGTH	240mm min	240mm min	240mm min	290 mm long cuffs	240 mm min
	SIZE	XS-XL	XS-XL	XS-XL	S-XL	XS-XL
	MARKING 					
	OTHER INFORMATION					
MD MEDICAL DEVICE 	MEDICAL DEVICE	CLASS I	CLASS I	CLASS I	CLASS I	CLASS I
	HOLE DETECTION EN 455-1					
	PHYSICAL PROPERTIES EN 455-2					
	BIOLOGICAL EVALUATION 455-3					
	BIOCOMPATIBILITY ISO 10993					
	SHELF LIFE 455-4					
PPE PERSONAL PROTECTIVE EQUIPMENT	PPE	CAT III	CAT III		CAT III	CAT III
	GENERAL REQUIREMENTS EN 420/ISO 21420					
	 CHEMICAL PROTECTION ISO 374-1, ISO 374-2, ISO 374-4, EN 16523-1	TYPE B	TYPE B		TYPE B	TYPE B
	 MICROBIAL PROTECTION ISO 374-5, ISO 374-2					
	 VIRUS PROTECTION ISO 374-5, EN 16604					
	 RADIOACTIVE PARTICLES PROTECTION EN 421					
FOOD CONTACT 	SUITABLE FOR FOOD CONTACT					
	RESTRICTIONS	none	none	none	none	none
PACKAGING	GLOVES PER DISPENSING BOX	100	100	1191N: 200 1193N: 100	100	100
	DISPENSING BOXES PER BOX	10	10	1191N: 10 1193N: 10	10	10

LATEX RANGE / SafeTouch Connect

SAFETOUCH CONNECT POWDER-FREE



Class I MD EN 455-1-2-3-4 / ISO 10993  
Cat. III PPE EN 420  
high elasticity  
textured appearance for better grip on objects  
recommended in the medical and industrial sectors

REF.	COL.	SIZE		PKG	QTY/BOX
1124N-A		S6	XS	box	10 x 100 pcs
1124N-B		S7	S		
1124N-C		S8	M		
1124N-D		S9	L		
1124N-E		S10	XL		

SAFETOUCH CONNECT VITALS POWDERED AND POWDER-FREE



Cat. I PPE EN 420  
high elasticity  
powdered (1126) or powder-free (1127)  
recommended for handling slightly harmful products and food preparations

REF.	COL.	SIZE		PKG	QTY/BOX
1126-A		S6	XS	box	10 x 100 pcs
1126-B		S7	S		
1126-C		S8	M		
1126-D		S9	L		
1126-E		S10	XL		
1127-A		S6	XS	box	10 x 100 pcs
1127-B		S7	S		
1127-C		S8	M		
1127-D		S9	L		
1127-E		S10	XL		

SAFETOUCH CONNECT POWDERED



Cat. II PPE EN 420  
high elasticity  
powdered for easy donning  
recommended in industry sector

REF.	COL.	SIZE		PKG	QTY/BOX
1125-A		S6	XS	box	10 x 100 pcs
1125-B		S7	S		
1125-C		S8	M		
1125-D		S9	L		
1125-E		S10	XL		

\* Restrictions on acidic foods



\* Restrictions on acidic foods

SUMMARY LATEX RANGE / SafeTouch Connect

LATEX SAFETOUCH CONNECT

References /		1124N	1125	1126	1127
GENERAL INFORMATION	PRODUCT				
	COLOUR	(natural)	(natural)	(natural)	(natural)
	WEIGHT	6.5 g	6 g	5 g	5.4 g
	POWDERED				
	TEXTURED				
	LENGTH	240mm	240mm	240mm	240mm
	SIZE	XS-XL	XS-XL	XS-XL	XS-XL
	MARKING				
	OTHER INFORMATION				
MD MEDICAL DEVICE	MEDICAL DEVICE	CLASS I			
	HOLE DETECTION EN 455-1				
	PHYSICAL PROPERTIES EN 455-2				
	BIOLOGICAL EVALUATION 455-3				
	BIOCOMPATIBILITY ISO 10993				
	SHELF LIFE 455-4				
PPE PERSONAL PROTECTIVE EQUIPMENT	PPE	CAT III	CAT II	CAT I	CAT I
	GENERAL REQUIREMENTS EN 420/ISO 21420				
	CHEMICAL PROTECTION ISO 374-1, ISO 374-2, ISO 374-4, EN 16523-1	TYPE B			
	MICROBIAL PROTECTION ISO 374-5, ISO 374-2				
	VIRUS PROTECTION ISO 374-5, EN 16604				
	RADIOACTIVE PARTICLES PROTECTION EN 421				
	CHEMOTHERAPY MEDICINES PROTECTION ASTM D6978-05				
FOOD CONTACT	SUITABLE FOR FOOD CONTACT				
	RESTRICTIONS		acidic foods	acidic foods	acidic foods
PACKAGING	GLOVES PER DISPENSING BOX	100	100	100	100
	DISPENSING BOXES PER BOX	10	10	10	10

## VINYL RANGE

### / SafeTouch Everstrong


#### EVERSTRONG POWDERED



Cat. III PPE EN ISO 21420



- high elasticity and optimal comfort
- textured fingertips for better grip on objects
- recommended in the industrial and food sectors

REF.	COL.	SIZE		PKG	QTY/BOX
1128-A	 (transparent)	S7	S	box	10 x 100 pcs
1128-B		S8	M		
1128-C		S9	L		
1128-D		S10	XL		

\* Restrictions on fatty foods

#### EVERSTRONG POWDER-FREE



Class I MD EN 455-1-2-3-4 / ISO 10993

Cat. III PPE EN ISO 21420



- high elasticity and optimal comfort
- textured fingertips for better grip on objects
- recommended in the medical, industrial and food sectors

REF.	COL.	SIZE		PKG	QTY/BOX
1129-A	<div><div></div><div>(transparent)</div></div>	S7	S	box	10 x 100 pcs
1129-B		S8	M		
1129-C		S9	L		
1129-D		S10	XL		

\* Restrictions on fatty foods


## PE RANGE

### / PE Gloves



































#### TRANSPARENT PE GLOVES POWDER-FREE



- polyethylene material for good dexterity
- ambidextrous
- for very short-term use
- recommended for service stations, retailing

REF.	COL.	SIZE	PKG	QTY/BOX
30.301/M		M	box	50 x 100 pcs
30.301/L		L		

References /

		VINYL SAFETOUCH EVERSTRONG		PE EMBOSSED PE GLOVE
		1128	1129	30.301
GENERAL INFORMATION	PRODUCT			
	COLOUR	 (transparent)	 (transparent)	 (transparent)
	WEIGHT	4.5 g	5.3 g	
	POWDERED			
	TEXTURED			
	LENGTH	240mm	240mm	
	SIZE	S-XL	S-XL	M-L
	MARKING 			
MD MEDICAL DEVICE 	OTHER INFORMATION			
	MEDICAL DEVICE		CLASS I	
	HOLE DETECTION EN 455-1			
	PHYSICAL PROPERTIES EN 455-2			
	BIOLOGICAL EVALUATION 455-3			
	BIOCOMPATIBILITY ISO 10993			
PPE PERSONAL PROTECTIVE EQUIPMENT	SHELF LIFE 455-4			
	PPE	CAT III	CAT III	
	GENERAL REQUIREMENTS EN 420/ISO 21420			
	 CHEMICAL PROTECTION ISO 374-1, ISO 374-2, ISO 374-4, EN 16523-1			
	 MICROBIAL PROTECTION ISO 374-5, ISO 374-2			
	 VIRUS PROTECTION ISO 374-5, EN 16604			
	 RADIOACTIVE PARTICLES PROTECTION EN 421			
FOOD CONTACT 	CHEMOTHERAPY MEDICINES PROTECTION ASTM D6978-05			
	SUITABLE FOR FOOD CONTACT			
PACKAGING	RESTRICTIONS	fatty foods	fatty foods	
	GLOVES PER DISPENSING BOX	100	100	100
	DISPENSING BOXES PER BOX	10	10	50

# PERSONAL & MEDICAL CARE

50 Our range & products

## WIPES

- Recommended for **personal hygiene** and **care**
- Can also be used for **wiping and cleaning surfaces**

### SPUNLACE WIPE EXTRA SOFT

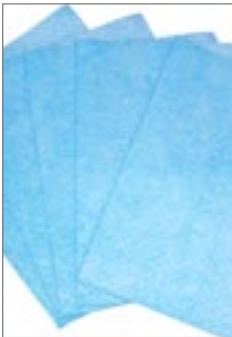
- MADE IN FRANCE**
- durability ...
- absorption ...
- softness ...
- various weights and dimensions



REF.	COL.	SIZE	g/m²	PKG	QTY/BOX
E09207		28 x 38cm	60	polybag	12 x 70 pcs

### WIPE AIRLAID EMBOSSED

- MADE IN FRANCE**
- durability ...
- absorption ...
- softness ...
- various weights and dimensions



REF.	COL.	SIZE	g/m²	PKG	QTY/CARTON
E03314		28 x 38 cm	60	polybag	12 x 50 pcs
E03315					

## PERSONAL & MEDICAL HYGIENE

### / Our range & possible areas of use

We offer personal hygiene and patient care products, such as wipes and adult bibs, that help aid personal care, patient comfort and keeping a clean environment.

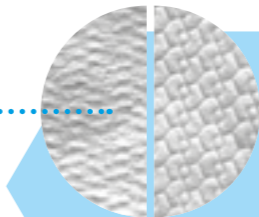
### OUR WIPES

#### AREAS OF USE

- Makes **wiping the patient easy** when carrying out personal care, without irritating their skin **for a gentle experience**.
- When in contact with water, the product **is lint-free** and **does not disintegrate**. It is durable, both dry and wet.
- Multi-purpose**: recommended for washing, as well as for wiping and cleaning surfaces.

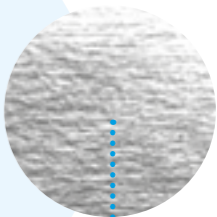
#### AIRLAID PLAIN OR EMBOSSED

Soft and durable  
whether wet or dry  
High absorbency



#### SPUNLACE

Super soft, textile feel  
High absorbency  
Very durable



## OTHER PRODUCTS / SINGLE USE PERSONAL HYGIENE

### WIPE AIRLAID PLAIN

- MADE IN FRANCE**
- durability ...
- absorption ...
- softness ...
- various weights and dimensions



REF.	COL.	SIZE	g/m²	PKG	QTY/CARTON
E05205		28 x 38 cm	50	polybag	12 x 65 pcs

### ADULT BIB WITH POCKET FOR GERIATRICS



- easy to put in place
- one side made of PE: durable and waterproof
- one side made of tissue: absorbent
- one size
- with pocket

REF.	COL.	SIZE	PKG	QTY/BOX
5605-E		66 x 37cm	polybag	9 x 100 pcs

# GARMENTS

## GOWNS & COVERALLS

- 54 Our range
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## GOWNS & COVERALLS FOR PERSONAL PROTECTION

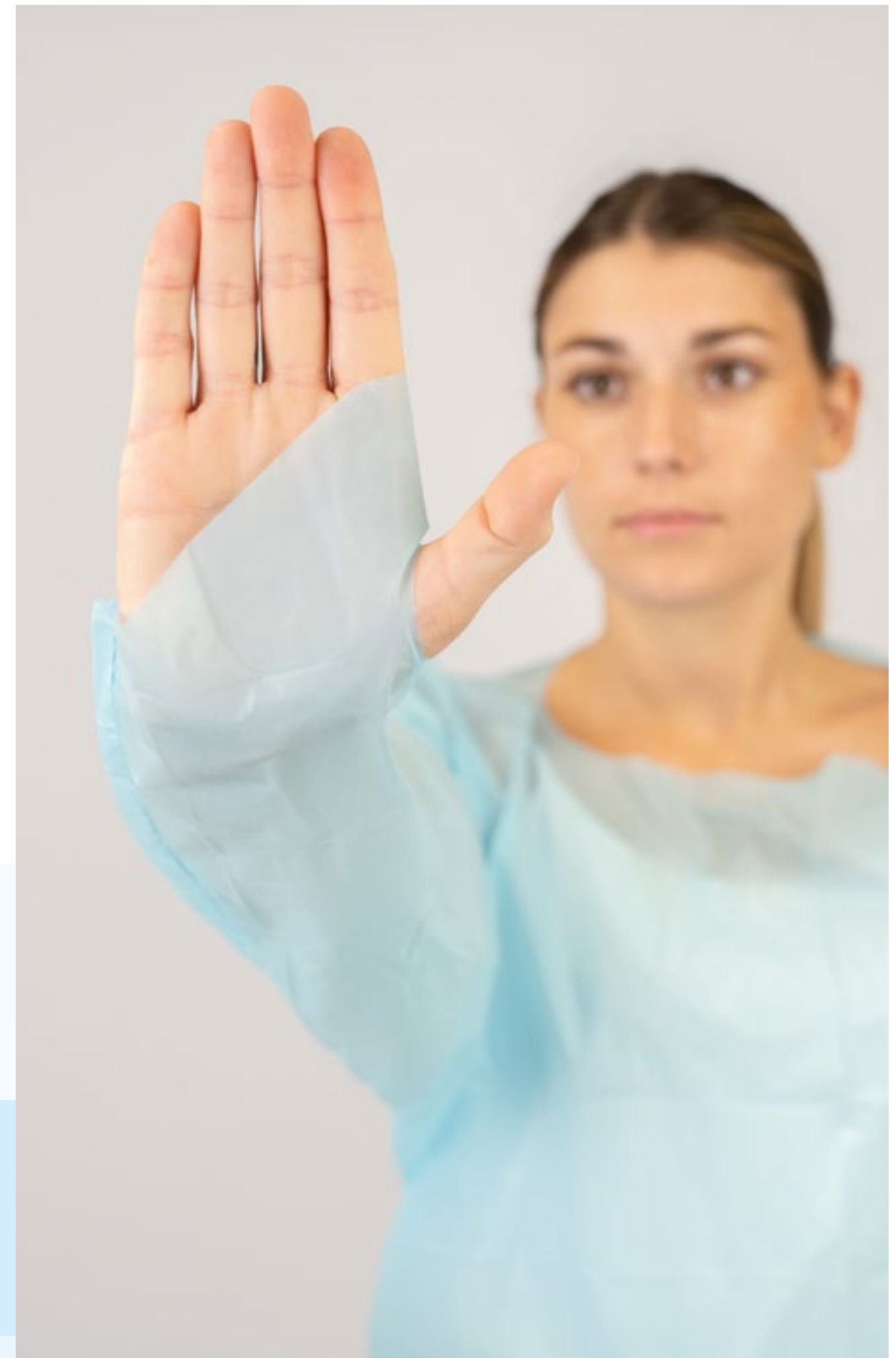
FOR SHORT-TERM USE, NON WOVEN

### / Our range

We offer a wide range of personal protective apparel for short-term use, such as gowns, coveralls and aprons for healthcare workers.

Our products provide protection for users from the risk of projections in various environments, such as factory visits, cleaning and maintenance, in the chemical, petrochemical and food industries, in catering and community services, medical environments and any other environment that presents a risk of soiling or contamination.

Under the **HOPEN** brand, we manufacture **gowns** and **coveralls** made of different materials - PP or SMS - with various options - with or without pockets - zip fastener or snap fastener and, depending on the product, in different colours. Our range of **aprons** and **elasticated sleeves** completes the offering.



## HYGIENE KITS & COVERALLS

Possible areas of use:

- Recommended for the **industrial, food and hygiene sectors** to protect the user and their environment
- Suitable for **HACCP** compliance

### VISITOR KIT ECONOMICAL



- suitable for visits to companies and catering facilities
- economical and easy to use

REF.	KIT CONTENTS	PKG
50.701	1 transparent, PE gown 1 white, bouffant cap 1 paper mask, 1-ply 1 pair of blue, CPE shoe covers	100 pieces in individual polybag

### HYGIENE COVERALL PP WITH HOOD



- polypropylene is pleasant to wear, lightweight and breathable
- model with hood, without flap on zip
- elasticated cuffs and ankles

REF.	COL.	SIZE	g/m²	PKG	QTY/BOX
40.001/02	○	M	40	individual polybag	25 x 1
40.001/03		L			
40.001/04		XL			
40.001/05		XXL			

### HYGIENE COVERALL PP WITH COLLAR



- polypropylene is pleasant to wear, lightweight and breathable
- with collar, without flap on zip
- elasticated cuffs and ankles

REF.	COL.	SIZE	g/m²	PKG	QTY/BOX
40.101/02	○	M	40	polybag	25 x 1
40.101/03		L			
40.101/04		XL			
40.101/05		XXL			
40.101/06		XXXL			

## HYGIENE GOWNS

Possible areas of use:

- Recommended for the **industrial, restaurant and catering sectors, community services** and **hygiene sector** to protect the user and their environment
- Suitable for **HACCP** compliance

### SMS GOWN WITH PE MEMBRANE COLLAR + SNAP FASTENER



- waterproof, breathable material
- with PE film for better liquid-tightness
- elasticated cuffs
- limited particle release, making it suitable for controlled environments
- antistatic

REF.	COL.	SIZE	g/m²	PKG	QTY/BOX
40.550/04	○	XL	65	polybag	50 x 1

### SMS GOWN WITH PE MEMBRANE COLLAR + ZIP FASTENER



- waterproof, breathable material
- with PE film for better liquid-tightness
- elasticated cuffs
- limited particle release, making it suitable for controlled environments
- antistatic

REF.	COL.	SIZE	g/m²	PKG	QTY/BOX
40.507/04	○	XL	65	polybag	50 x 1

### SMS GOWN WITH COLLAR - JERSEY CUFFS + SNAP



- breathable and tough
- elasticated jersey cuffs
- 1 low pocket
- limited particle release, making it suitable for controlled environments

REF.	COL.	SIZE	g/m²	PKG	QTY/BOX
40.408/03	○	L	50	polybag	50 x 1
40.408/04		XL			
40.408/05		XXL			

### PP GOWN 1 INNER POCKET + ZIP



- elasticated cuffs
- left inner pocket
- recommended against minor risks, soiling

REF.	COL.	SIZE	g/m²	PKG	QTY/BOX
40.632/02	○	M	40	polybag	50 x 1
40.632/03		L			
40.632/04		XL			
40.632/05		XXL			
40.702/02	●	M	40	polybag	50 x 1
40.702/03		L			
40.702/04		XL			
40.702/05		XXL			
40.702/06		XXXL			

## HYGIENE GOWNS


Possible areas of use:

- Recommended for the **industrial, restaurant and catering** sectors, **community services** and **hygiene sector** to protect the user and their environment
- Suitable for **HACCP compliance**

### PP GOWN WITHOUT POCKETS, WITH ZIP




- pleasant to wear and lightweight
- elasticated cuffs
- without pockets to avoid the risk of items falling
- recommended against minor risks of soiling

REF.	COL.	SIZE	g/m <sup>2</sup>	PKG	QTY/BOX
40.635/02		M	40	polybag	50 x 1
40.635/03		L			
40.635/04		XL			
40.635/05		XXL			

### PP GOWN 2 POCKETS + SNAP FASTENER



- pleasant to wear and lightweight
- elasticated cuffs
- 2 outer pockets
- recommended against minor risks of soiling


REF.	COL.	SIZE	g/m <sup>2</sup>	PKG	QTY/BOX
40.401/02		M	40	polybag	50 x 1
40.401/03		L			
40.401/04		XL			
40.401/05		XXL			
40.401/06		XXXL			

### CHILDREN'S PP GOWN 1 POCKET + SNAP FASTENER



- pleasant to wear and lightweight
- elasticated cuffs
- 1 outer pocket
- recommended for child visitors




REF.	COL.	SIZE	g/m <sup>2</sup>	PKG	QTY/BOX
40.401/XS		XS	40	polybag	50 x 1
40.401/XXS		XXS			
40.401/XXXS		XXXS			

### PP GOWN SNAP FASTENER



- pleasant to wear, lightweight and breathable
- elasticated cuffs
- available in white, green or red
- recommended against minor risks of soiling

REF.	COL.	SIZE	g/m <sup>2</sup>	PKG	QTY/BOX
40.301/02		M	40	polybag	50 x 1
40.301/03		L			
40.301/04		XL			
40.301/05		XXL			
40.301/06		XXXL			

## APRONS


Possible areas of use:

- Protection for the body and clothing from all contact** with dust, food and non-hazardous liquids
- Recommended for the **industrial, restaurant and catering** sectors, **community services** and **hygiene sector** to protect the user and their environment

### H'ARMEN APRON PVC










- smooth and durable
- reusable
- fastens at the back with ties at the waist
- recommended in the food industry, community services and catering

REF.	COL.	SIZE	DENSITY THICKNESS	PKG	QTY/BOX
50.651		115 x 90cm	300 µm	sachet	10 x 1

### APRON PE



- an economical option
- stretchable PE tie fasteners
- 'One by one' distribution system, polybag / also available in dispensing rolls
- available in various colours and thicknesses



REF.	COL.	SIZE	THICKNESS	PKG
50.101		120 x 70	18 µm	10 polybags of 100 pieces
50.201		140 x 78		10 polybags of 100 pieces
50.201BL		140 x 78		
50.301		120 x 70		
50.401				
50.401BL				40 µm
50.501				
50.501BLACK				
50.601			140 x 70	70 µm

## OTHER ACCESSORIES

### PE ELASTICATED SLEEVE 40 x 20cm



- economical
- food contact
- available in various colours

REF.	COL.	DENSITY THICKNESS	SIZE	PKG	QTY/BOX
20.100		20 µm	40 x 20cm	polybag	10 x 100
20.200					
20.300					
20.300M					

### PP ELASTICATED SLEEVE WITH PE-COATING 50 x 20cm



- pleasant to wear, lightweight and liquid-tight
- good breathability and water resistance
- suitable for protected environments
- non-particle release

REF.	COL.	SIZE	g/m <sup>2</sup>	PKG	QTY/BOX
20.407		50 x 20cm	55	polybag	20 x 20

CATEGORY III COVERALLS

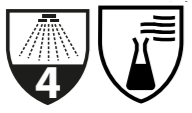


/ Definition

Personal Protective Equipment is worn by an individual for protection against one or more external hazards. A hazard is assessed by evaluating its severity and the probability of a person being exposed to that hazard. Since Personal Protective Equipment is designed to protect against hazards, its function is to prevent the occurrence of harm to the exposed person. The choice of suitable PPE is based on the analysis of risks related to the exposure to the hazards.




/ Regulations

CATEGORY III COVERALLS AGAINST MAJOR RISKS IN ACCORDANCE WITH EUROPEAN REGULATION 2016/425 RELATING TO PERSONAL PROTECTIVE EQUIPMENT

Protective clothing against chemical risk is defined in 6 types according to the risk of exposure. The user (or the company providing the PPE) must therefore evaluate the hazards in question based on their frequency and severity (risk analysis). Tests are carried out to evaluate the coverall’s liquid-tightness and the material’s mechanical resistance. Our Hop’Safe range ensures Type 6 to Type 4 level protection.

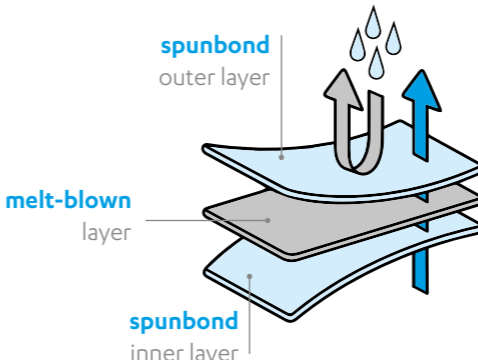
TYPE	MEANING	ASSOCIATED STANDARD
	<b>SPRAY</b> Protection against spray of liquid chemicals	<b>EN 14605</b>
	<b>SOLID PARTICLES</b> Protection against airborne solid particles	<b>EN ISO 13982-1</b>
	<b>SPLASH</b> Protection against small quantities of accidental splashes of liquid chemicals	<b>EN 13034</b>

Coverall's categorised for a particular type of protection can also have additional protective properties related to a specific work environment.

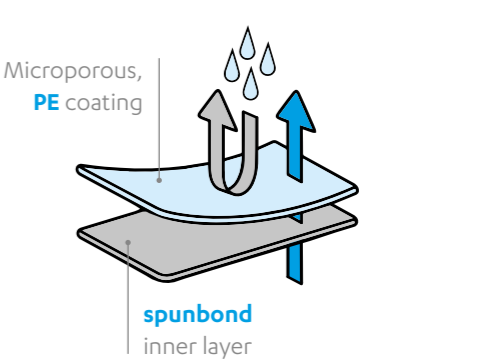
TYPE	MEANING	ASSOCIATED STANDARD
	<b>PROTECTION AGAINST ELECTROSTATIC DISCHARGE</b>	<b>EN 1149-5</b>
	<b>PROTECTION AGAINST SOLID RADIOACTIVE PARTICLES</b> Does not provide protection against nuclear radiation.	<b>EN 1073-2</b>
	<b>PROTECTION AGAINST INFECTIOUS AGENTS</b> (viruses, bacteria, fungi, etc.). Recognisable by the letter 'B' stated after the Type. Ex.: Type 4B	<b>EN 14126</b>

/ Our range & main areas of use

Our category III coveralls are suitable for the requirements of various sectors of activity & meet the needs of different professions in particular for use in a protected environment (Helmke drum test to measure particle release). They are made from a non woven SMS with a laminated PE coating for guaranteed protection and comfort.



spunbond outer layer  
melt-blown layer  
spunbond inner layer

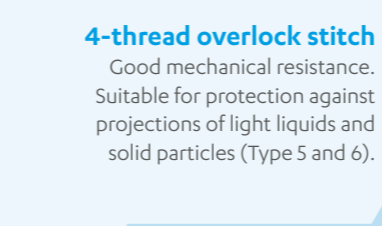


Microporous, PE coating  
spunbond inner layer

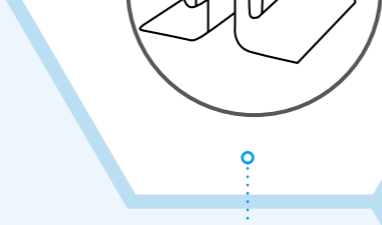
SMS is a non woven material that provides a barrier against solid particles, thanks to the meltblown layer, while ensuring protection against small quantities of liquid projections. SMS is a very breathable material, that's also very comfortable to wear, as it evacuates perspiration.

In order to provide increased protection against chemical spray, we have added a layer of laminated, microporous PE, that acts as a barrier, while ensuring optimal comfort. The material is also lint-free and resistant to tearing.

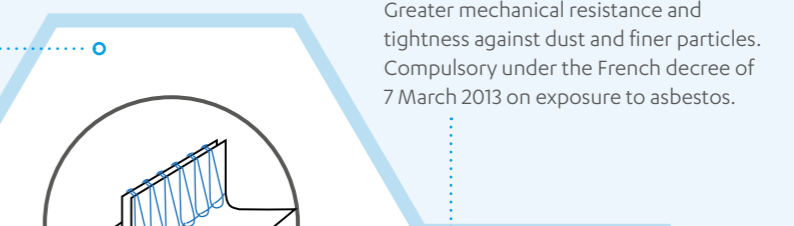
Depending on their level of protection and intended use, our products are manufactured with various types of seams:



**4-thread overlock stitch**  
Good mechanical resistance. Suitable for protection against projections of light liquids and solid particles (Type 5 and 6).



**Bordered seams**  
This type of seam can be edged on the inside or outside for greater comfort and is covered with a non-woven bias for absolute mechanical strength while guaranteeing very good liquid-tightness.



**Seams covered with a heat-treated adhesive tape**  
Greater mechanical resistance and tightness against dust and finer particles. Compulsory under the French decree of 7 March 2013 on exposure to asbestos.

CATEGORY III COVERALLS

/ Our range

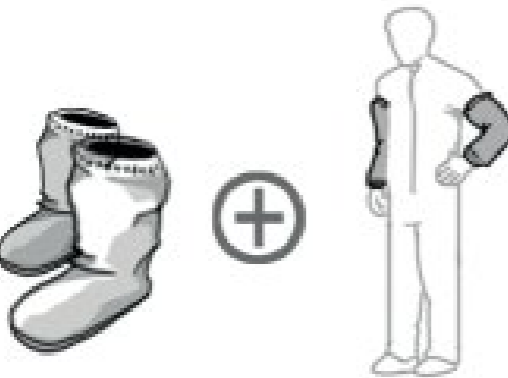
Our range is made up of 3 SUB-MODELS.

Our products are available in different sizes to suit all body shapes:

- I HOP'SAFE - TYPE 5/6
- I HOP'SAFE PLUS - TYPE 5B/6B
- I HOP'SAFE EXTRA - TYPE 4B/5B/6B



	S	M	L	XL	XXL	XXXL
HEIGHT CM	164-170	170-176	176-182	182-188	188-194	194-200
CHEST MEASUREMENT CM	84-92	92-100	100-108	108-116	116-124	124-132



Our boot covers (10.210 Tyvek Extra Boot Covers) and sleeves (20.407 PE-coated elasticated sleeves) are available for extra protection.



CATEGORY III COVERALLS

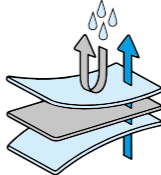
HOP'SAFE COVERALL  
TYPE 5/6 WITH HOOD



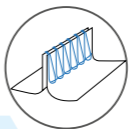
- Possible areas of use:
- I Cleaning and industrial maintenance
  - I Handling powder
  - I Wood industry
  - I Insulation and sanding works
  - I Food industry



Thumb loops  
Elasticated hood with 3 panels



SMS 50 g/m²



4-thread overlock stitch

- I with hood
- I zip fastener with adhesive flap
- I external seams for better comfort
- I elasticated cuffs, ankles and waist
- I built-in thumb loops
- I microporous, waterproof and breathable membrane
- I permeable to air and water vapour
- I resistant to tearing and abrasion

REF.	COL.	SIZE	g/m²	PKG
40.040/S	○	S	50	25 pieces in individual polybags
40.040/M		M		
40.040/L		L		
40.040/XL		XL		
40.040/XXL		XXL		
40.040/XXXL		XXXL		

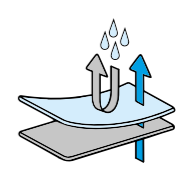
HOP'SAFE PLUS COVERALL  
TYPE 5B/6B WITH HOOD



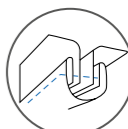
- Possible areas of use:
- I Pharmaceutical & cosmetic industry
  - I Electronics industry
  - I Clean rooms
  - I Paint
  - I Agriculture



Elasticated hood with 3 panels  
Also available with collar



SMS 60 g/m²  
+ microporous, PE coating



Bordered, internal seams

- I with hood or collar
- I zip fastener with adhesive flap
- I bordered internal seams
- I elasticated cuffs, ankles and waist
- I built-in thumb loops
- I microporous, waterproof and breathable membrane
- I permeable to air and water vapour
- I resistant to tearing and abrasion

With hood				
REF.	COL.	SIZE	g/m²	PKG
40.050/S	○	S	60	25 pieces in individual polybags
40.050/M		M		
40.050/L		L		
40.050/XL		XL		
40.050/XXL		XXL		
40.050/XXXL		XXXL		

HOP'SAFE EXTRA COVERALL  
TYPE 4B/5B/6B WITH HOOD

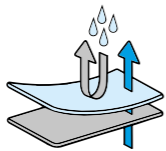
CE CAT III PPE



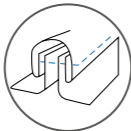
- Possible areas of use:
- ▮ Petrochemicals
  - ▮ Pharmaceutical industry
  - ▮ Paint
  - ▮ Low pressure industrial cleaning
  - ▮ Aeronautical and automobile industry



Elasticated hood  
with 3 panels



SMS 65 g/m²  
+ microporous, PE coating



Bordered, external seams  
for better comfort

- ▮ with hood
- ▮ zip fastener with adhesive flap
- ▮ bordered, external seams for better comfort
- ▮ elasticated cuffs, ankles and waist
- ▮ built-in thumb loops
- ▮ microporous, waterproof and breathable membrane
- ▮ permeable to air and water vapour
- ▮ resistant to tearing and abrasion

REF.	COL.	SIZE	g/m²	PKG
40.070/S	○	S	65	25 pieces in individual polybags
40.070/M		M		
40.070/L		L		
40.070/XL		XL		
40.070/XXL		XXL		
40.070/XXXL		XXXL		

RANGE SUMMARY

/ Category III coveralls

	HOP SAFE	HOP SAFE PLUS	HOP SAFE EXTRA
	40.040	40.050	40.070
			•
	•	•	•
	•	•	•
	•	•	•
		•	•
		•	•

# DISINFECTION & TECHNICAL WIPES

67 Our products



Our single use disinfection and technical wipes range is compatible with **HACCP compliance** as well as maintaining a clean environment in the **medical, dental and hygiene sectors, with our disinfecting wipes and cleaning wipes.**

### HOP'CLEAN WIPE

80 g/m²



- high absorbency
- fast drying
- machine washable at 90° (tested up to 15 washes)
- excellent colour-fastness on washing
- V-folding for easy opening before use
- lint-free


REF.	COL.	SIZE	g/m²	PKG
20.891		32 x 50cm	80	6 polybags of 25 pieces
20.892				
20.893				
20.894				
20.895				

### H-EASY WIPE ROLL

70 g/m²



- smooth and soft, low linting
- does not scratch
- dry and wet use
- high absorbency
- resistant to bases and solvents
- high elasticity
- suitable for food contact
- biodegradable





REF.	COL.	SIZE	g/m²	PKG
20.856-20		60 x 30cm	70	1 roll of 330 pieces

### HOP'CLEAN WIPE

50 g/m²



- high absorbency
- fast drying
- machine washable at 90° (tested up to 15 washes)
- excellent colour-fastness on washing
- V-folding for easy opening before use
- lint-free

REF.	COL.	SIZE	g/m²	PKG
20.830		32 x 40cm	80	10 polybags of 50 pieces
20.831				
20.832				
20.833				
20.834				



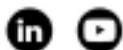
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# 2022 CATALOGUE

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INDUSTRIES  
HYGIENE

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