



BERENDSEN CONSUMABLES

COMPLETING YOUR CONTAMINATION CONTROL NEEDS

2017

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Berendsen Consumables Benefits for you



Expert technical knowledge



Competitive prices



Free delivery with your rental garments

For reference : ISO classifications are indicative.

Pre-Saturated Wipes

Disinfectant Impregnated Wipes

Substrates



VeriGuard 1 - Polypropylene
Most abrasive, lightweight and cost-effective, available in tub, pouch and silver pack formats.

VeriGuard 2 - Poly-Cellulose
High absorbency from the 55% cellulose, low linting from 45% polyester, strong multifunctional wipe.

VeriGuard 3 - Polyester
Heavy density, thermally sealed edges to trap particulate and retain cleaning solution. High grade fabric.

Disinfectants



IPA
70% isopropanol alcohol blended with 30% DI or WFI.

IMS
70% denatured ethanol blended with 30% DI or WFI.

Alpha
Rotational biocide.

Beta
Rotational biocide with sporicidal action, non-corrosive.

Packaging Formats



Pouch
Full range of substrates and alcohols available in pouch format, varied pack sizes, re-sealable adhesive flap. Double bagged.

Tub
Lower grade clean areas, For high volume usage, aggressive and intricate cleaning (especially equipment and parts) and long lasting alcohol retention. Double bagged.

Non Sterile Code	Sterile Code	Description	Size	ISO	Pack Qty	Case Qty
WNVG05020	WSVG05020	VeriGuard 1 Polypropylene IPA/DI Tub Wipe	8" x 8"	ISO5	200	12 x 200
	WSVG07020	VeriGuard 1 Polypropylene IMS/DI Tub Wipe	8" x 8"	ISO5	200	12 x 200
WNVG04023	WSVG04023	VeriGuard 2 Poly-cellulose IPA/DI Pouch Wipe	9" x 9"	ISO4	100	8 x 100
WNVG09023	WSVG09023	VeriGuard 2 Poly-cellulose IMS/Di Pouch	9" x 9"	ISO4	100	8 x 100
WNVG15020		VeriGuard 3 Polyester IPA/DI Pouch Wipe	8" x 5"	ISO4	30	15 x 30
	WSAP01009	VeriGuard 8 Poly-cellulose with Alpha Biocide	9" x 9"	ISO4	15	10 x 15
	WSBT02009	VeriGuard 8 Poly-cellulose with Beta Biocide/Sporicide	9" x 9"	ISO4	15	10 x 15
	WSCW91009	VeriGuard 8 Poly-cellulose IMS/WFI Sessional	9" x 9"	ISO4	15	40 x 15
	WSCW92009	VeriGuard 8 Poly-cellulose IPA/WFI Sessional	9" x 9"	ISO4	15	40 x 15
	WSCW96ZZZ	VeriGuard 9 Silver Pack Polypropylene/Viscose IPA/WFI	8" x 9"	ISO5	200	8 x 200
	WSCW97ZZZ	VeriGuard 9 Silver Pack Polypropylene/Viscose IMS/WFI	8" x 9"	ISO5	200	8 x 200

Dry Wipes

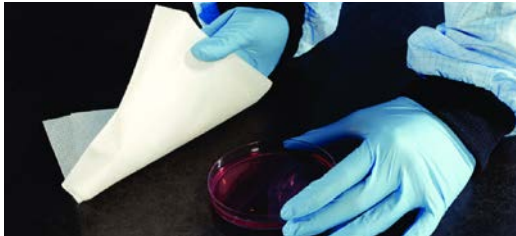
ISO3 & ISO4

Dual Layer WhiteGuard 11

Cleanroom laundered, two-ply quilted, 100% continuous-filament polyester knitted in a double-knit interlock pattern. Two-ply construction offers high sorbency capacity with ultrasonic sealed border edges to prevent particle and fibre release. High grade spill control.

WhiteGuard 5

Microdenier wipes constructed from continuous filament blended nylon and polyester with ultrasonic sealed edges. High yarn-to-dust contact surface area plus wedge-shaped cross section ensure excellent wiping efficiency. Used in lens and screen manufacture.



WhiteGuard 3 (formerly TrueGuard)

High performance 100% knit continuous filament polyester ultra low linting wiper with thermally sealed edges to trap particulate and contain moisture. Widely used in Semiconductor, Pharmaceutical, Aerospace and Medical device industries Options: Laser sealed edges / Ultrasonically sealed borders.



Non Sterile Code	Sterile Code	Description	Size	ISO	Pack Qty	Case Qty
WNTG05012		WhiteGuard 3 Wipes 12" x 12" (300 x 300mm)	12" x 12"	ISO4	150	10 x 150
	WSTG03012	WhiteGuard 3 Wipes 12" x 12" (300 x 300mm)	12" x 12"	ISO3	50	10 x 50
WNTG04009		WhiteGuard 3 Wipes 9" x 9" (228 x 228mm)	9" x 9"	ISO3	100	10 x 100
WNTG05009		WhiteGuard 3 Wipes 9" x 9" (228 x 228mm)	9" x 9"	ISO4	150	10 x 150
WNMD04009		WhiteGuard 5 Wipes 9" x 9" (228 x 228mm)	9" x 9"	ISO3	100	10 x 100
	MHPELN50S	WhiteGuard 11 Wipes 12" x 12" (300 x 300mm)	12" x 12"	N/A	50	4 x 50
	WSPW60300	WhiteGuard 11 Wipes 12" x 12" (300 x 300mm)	12" x 12"	N/A	20	5 x 20

Dry Wipes

Poly-Cellulose Wipes

Poly-Cellulose wipes are specifically designed to deliver a combination of cleanliness and absorbency; achieved by the low linting characteristics of polyester coupled with the high liquid retention rates from the properties of cellulose.



WhiteGuard 2

45% polyester to 55% cellulose blend, WhiteGuard has improved absorbency, with low linting properties. Available in a variety of sizes and pack formats, WhiteGuard is a multipurpose wipe for ISO6+ clean areas.

WhiteGuard 6 Industrial Wipes

Aggressive melded nylon wiper with a diamond textured surface to provide good abrasion. Ideal for machine cleaning, degreasing and spill control in clean industrial areas.

WhiteGuard 8 (formerly Pharmawipes)

Designed for tightly controlled applications focussing on cleanliness and particulate control within ISO5 Pharmaceutical manufacturing or compounding environments.

WhiteGuard 7 Poly-Cellulose Wiper Roll

Highly absorbent, low linting poly-cellulose wiper roll with perforated edges. Ideal for support areas where particulate control is necessary, especially where a high volume or density of wipes are required. Well suited to lab applications and low grade cleanroom production facilities. 400 sheets per roll.



Available in  

Non Sterile Code	Sterile Code	Description	Size	ISO	Pack Qty	Case Qty
WNWG04012		WhiteGuard 2 12" x 12" (300 x 300mm) Flat Packed	12" x 12"	ISO6	100	20 x 100
	WSWG04012	WhiteGuard 2 12" x 12" (300 x 300mm) Flat Packed	12" x 12"	ISO6	100	10 x 100
WNWG04009	WSWG04009	WhiteGuard 2 9" x 9" (228 x 228mm) Flat Packed	9" x 9"	ISO6	100	10 x 100
WNWG06009		WhiteGuard 2 9" x 9" (228 x 228mm) Flat Packed	9" x 9"	ISO6	300	16 x 300
WNWG04005		WhiteGuard 2 5" x 4" (127 x 102mm) Flat Packed	5" x 4"	ISO6	100	10 x 100
WNMNO4012		WhiteGuard 6 12" x 12" (300 x 300mm)	12" x 12"	ISO7	100	10 x 100
WNMNO4008		WhiteGuard 6 10" x 8" (254 x 203mm)	10" x 8"	ISO7	100	10 x 100
WNPW81010		WhiteGuard 7 Roll White 400 Sheets per Roll	10" x 15"	N/A	1	4 x 1 Roll
WNPB81010		WhiteGuard 7 Roll Blue 400 Sheets per Roll	10" x 15"	N/A	1	4 x 1 Roll
WNCS93012	WSCS93012	WhiteGuard 8 12" x 12" (300 x 300mm) Flat Packed	12" x 12"	ISO5	25 x 4	17 x 25 x 4
	WSVW12012	WhiteGuard 8 12" x 12" (300 x 300mm) C-Folded	12" x 12"	ISO5	10 x 10	14 x 10 x 10
WNCS93009	WSCS93009	WhiteGuard 8 9" x 9" (228 x 228mm) Flat Packed	9" x 9"	ISO5	300	8 x 300
	WSVW11009	WhiteGuard 8 9" x 9" (228 x 228mm) C-Folded	9" x 9"	ISO5	10 x 100	27 x 10 x 10

Cleaning Agents

Detergents & Disinfectants

DI Water

A range of detergents for cleaning and alcohols for disinfection:

CleanGuard 5

Non-ionic Detergent with Isopropanol and De-ionised Water for the effective cleaning of sensitive components, equipment or areas that must avoid aggressive acid or alkaline chemicals. Available as 1L trigger spray.

Aqua

De-Ionised Water

An 0.2 micron filtered water for the effective dilution of solutions and chemicals, and for cleaning applications in the micro-electronics industry. Available in 1L trigger sprays, 5L bulk containers or 1000L IBCs.

WFI Water

CleanGuard 1 IPA

70% Isopropanol Alcohol with 30% Water for Injection (WFI), sterilised by Gamma Irradiation. Available in 500ml or 950ml Trigger Sprays.



CleanGuard 2 IMS

70% De-natured ethanol with 30% Water for Injection (WFI), sterilised by Gamma Irradiation. Available in 500ml or 950ml Trigger Sprays.



Each triggers' hold up volume is less than 0.3% significantly better than any other product.

Non Sterile Code	Sterile Code	Description	Size	ISO	Pack Qty	Case Qty
	ZSAL64499	CleanGuard 1 Trigger Sprays IPA/WFI	500ml	ISO4	Each	24
	ZSAL64950	CleanGuard 1 Trigger Sprays IPA/WFI	950ml	ISO4	Each	15
	ZSAL65499	CleanGuard 2 Trigger Sprays IMS/WFI	500ml	ISO4	Each	24
	ZSAL65950	CleanGuard 2 Trigger Sprays IMS/WFI	950ml	ISO4	Each	15
ZNND81001		CleanGuard 5 Trigger Spray Low Ionic Neutral Detergent	1 Litre	ISO5	Each	6
ZNND82005	ZSND82005	CleanGuard De-Ionised Water 0.2 micron filtered	5 Litre	ISO5	Each	2

Cleaning Agents

Biocides & Sporicides

Rotational Disinfection System

CleanGuard 3 Beta

CleanGuard 3 Beta is the rotational cleanroom cleaner/disinfectant agent to complement CleanGuard 4 Alpha. This product is a complex blend containing a unique amine based structure, blended with fully non-toxic, biodegradable detergent. The formulation does not contain any hazardous aldehydes or chlorine generating components. The formulation is highly effective as a cleaner and disinfectant against bacteria, mycobacteria, fungi, viruses and spores.

The mode of action exhibited by CleanGuard 3 Beta has been shown to be via disruption of the RNA of the micro-organisms and prevents resistance being built up. It is safe to use on any surface and is colourless.

CleanGuard 4 Alpha

A synergistic blend of quaternary ammonium compounds, CleanGuard 4 Alpha is a highly effective, colourless, odour-free, non-staining, non-tainting one step disinfectant/detergent for the cleaning and disinfecting of all hard surfaces including metal, glass, plastics, rubbers and polymers.

The mode of action for CleanGuard 4 Alpha is via denaturing of micro-organism proteins and effects on the metabolic pathways. CleanGuard 4 Alpha is a broad-spectrum biocide and is effective against bacteria and fungi.



Delivery Formats Unit

Dose 50ml or 250ml concentrate for dilution in DI water or WFI. Most suited to mopping applications where active ingredient efficacy is paramount. Single use only.

A Trigger Spray is available in 500ml. The comfortable and easy to use trigger heads, provide the best application directly onto surfaces. Each triggers' hold up volume is less than 0.3% significantly better than any other product on the market. Integral PTFE membrane, hermetically sealed and cleanroom double bagged. 5L RTU Bulk container with pre-mixed solution ready for direct application.



Product Code	Description	Size	ISO	Pack Qty	Case Qty
ZSBT04005	CleanGuard 3 Beta 5 Litre RFU Sterile	5 Litre	ISO3	Each	2
ZSBT02500	CleanGuard 3 Beta 500ml Trigger Spray Sterile	500ml	ISO3	Each	6
ZSBT06001	CleanGuard 3 Beta 250ml Unit Dose Sterile	250ml	ISO3	Each	10
ZSAP03005	CleanGuard 4 Alpha 5 Litre RFU Sterile	5 Litre	ISO3	Each	2
ZSAP01500	CleanGuard 4 Alpha 500ml Trigger Spray Sterile	500ml	ISO3	Each	6
ZSAP05001	CleanGuard 4 Alpha 50ml Unit Dose Sterile	50ml	ISO3	Each	10

Footwear

Clogs



EziKlog®

EziKlog® combines the comfort and support of lightweight material, with a slip resistant and antistatic rubber sole that covers the whole sole. Making it the safest and most comfortable to wear in its class.

Closed-top protection and angled side vents prevent fluid penetration

Washable to 40°C

Anti-microbial and recyclable

Extremely lightweight, weighing less than 180g per clog SRC rated. Slip-resistant, CE marked and antistatic.

An easy way to contamination control

Following your needs and market regulations, we have many styles of clog especially suitable for controlled areas (and laboratories), with a focus on hygiene and comfort.

SafetyLite

Ergonomically designed safety shoes made from Action-Breathe uppers. This alternative to leather is stronger, highly resistant, durable, waterproof and actually breathes. The ergonomically designed foot shape provides room for your feet to spread naturally, and a wider safety toe-cap prevents toes from being pinched.

You will find clogs to cover all eventualities

We have options for many areas of your business. Whether you require your clogs to be leather, washable, autoclavable, breathable or with safety features built in we have a style for you.

At Berendsen, we place great emphasis on selecting only the best products and to this end have assembled a range of CE-certified clogs. You can choose from a wide variety of product features and colours.

Code	Description	Size	Pack Qty
0815W	EziKlog® white with side vents	3-12 (36-46)	1 pair
0815N	EziKlog® navy with side vents	3-12 (36-46)	1 pair
0815GR	EziKlog® graphite grey with side vents	3-7 (36-41)	1 pair
0815LB	EziKlog® light blue with side vents	3-12 (36-46)	1 pair
0825N	EziKlog® navy - no side vents	3-12 (36-46)	1 pair
04165W	SafetyLite Slip on safety shoe white	3-12 (36-46)	1 pair
03155W	SafetyLite Safety Clog with heel strap white	3-12 (36-46)	1 pair

Footwear

Overshoes

TuffGuard 3

TuffGuard PVC overshoes are manufactured from 100 micron Gauge PVC, with an extra strength ultrasonic welded seam. The TuffGuard range of overshoes are the strongest and most durable disposable footwear product on the market. The textured surface of the overshoe give them superior slip-resistant properties, and the range of size options ensure a shoe cover that fits a wide range of shoe sizes. Available in red or white and also available in a heavy duty 175 micron for more demanding environments.



TuffGuard 2

Blue Polythene Overshoes

The most cost-effective end of the disposable footwear market, Blue polythene overshoes have undergone stringent quality checks to ensure that they are the most durable polythene overshoe available. Available in a 14" or 16" length cover, Heavy duty polythene also available.



Product Code	Description	Size	ISO	Pack Qty	Case Qty
SNBL01016	TuffGuard 1 Heavyweight Blue Polythene Overshoe	16"	ISO6	1000	10 x 100
SNBL31014	TuffGuard 2 Blue Polythene Overshoes	14"	ISO6	100	20 x 100
SNBL31016	TuffGuard 2 Blue Polythene Overshoes	16"	ISO6	100	20 x 100
SNWH81006	TuffGuard 3 White 100 micron gauge PVC Overshoes	6" x 14"	ISO5	500	1 x 500
SNWH83016	TuffGuard 3 White 100 micron gauge PVC Overshoes	6" x 16"	ISO5	500	1 x 500
SNWH82009	TuffGuard 3 White 100 micron gauge PVC Overshoes	9" x 14"	ISO5	500	1 x 500
SNWH81016	TuffGuard 3 White 100 micron gauge PVC Overshoes	9" X 16"	ISO5	500	1 x 500
SNRE81009	TuffGuard 3 Red 100 micron gauge PVC Overshoes	9" x 16"	ISO5	500	1 x 500
SNWHO3016	TuffGuard 6 Anti-Slip White Overshoes	16"	ISO5	1000	10 x 100

Non Sterile Gloves

Bulk Packed Gloves

SkinGuard 10

12" Natural Latex ambidextrous gloves, with beaded cuff and a textured surface. Bulk packed. With a thickness of 6.5mil (± 1) and a tensile strength of 3335 psi / 23 mpa, SkinGuard 10 combines durability with dexterity for increased operator protection and sensitivity.



SkinGuard 11 & 12

12" White Nitrile ambidextrous gloves with beaded cuff and textured surface, provide operator comfort and flexibility. SkinGuard 11 is suitable for ISO4 applications, achieving a liquid particle count (LPC) of <600 at 0.5μ , whilst SkinGuard 12 is designed for ISO 6 areas achieving <1600 LPC at 0.5μ .

SkinGuard 13

Vinyl ambidextrous bulk packed gloves for use in a wide range of applications, including micro-electronics and food preparation and a range of non-critical applications.

*100 per pack / Anti-static
Powder free / Easy to don*

ASTM D3578-95

EN 374 - 3

N 374 - 2

EN 455-1 & 2



Boxed Gloves

SkinGuard 2

Powder free boxed nitrile examination gloves for use in low grade clean areas and laboratories. Made from Carboxylated Butadiene Acrylonitrile (XNBR) with a textured surface.

150 per Box / Beaded Cuff /

Hypoallergenic

ASTM D3578-95

EN 374 - 3

N 374 - 2

EN 455-1 & 2

Product Code	Description	Size	ISO	Pack Qty	Case Qty
GNNB02SML-XLG	SkinGuard 2 Blue Nitrile Boxed 9" Ambidextrous Glove	S-XL	ISO7	150	10 x 150
GNLN10XSM-XLG	SkinGuard 10 Natural Latex 12" Ambidextrous Glove	S-XL	ISO5	100	10 x 100
GNNW11SML-XLG	SkinGuard 11 White Nitrile 12" Ambidextrous Glove	S-XL	ISO5	100	10 x 100
GNNN12SML-XLG	SkinGuard 12 White Nitrile 12" Ambidextrous Glove	S-XL	ISO6	100	10 x 100
GNVW13SML-XLG	SkinGuard 13 Opaque Vinyl 12" Ambidextrous Glove	S-XL	ISO4	100	10 x 100

Non Sterile Gloves

Shield Scientific

The Shield cleanroom glove range sets a new standard when it comes to “compliance, comfort and protection” as gloves are registered according to the PPE Directive 89/686/EEC. Ideal for handling components or equipment where good chemical resistance is required. Available in different levels of cleanliness and suitable ISO Class 5 or higher cleanrooms.



Kimberly-Clark*

These cleanroom Gloves offer advanced levels of process protection and comfort. Clean processed, with lot testing and trending for low particle and extractable levels. PPE Category III certified under CE directive 89/686/EEC for personal protective equipment. Ideal for: handling delicate equipment in ISO Class 5 or higher cleanrooms within Microelectronics, Semiconductor, Optics and Pharmaceutical industries.



Kimtech Pure G3 NXT 12”
White Nitrile ambidextrous gloves with textured fingertip and beaded cuff, suitable for processes requiring strength and puncture resistance.



Product Code	Description	Size	ISO	Pack Qty	Case Qty
62 512X	Shield EcoShield Eco Nitrile PF 250 Ambidextrous Glove	S-XL	ISO7	150	10 x 150
67 625X	Shield Shieldskin Orange Nitrile 300 Ambidextrous Glove	S-XL	ISO7	50	10 x 50
68 865X	Shield Shieldskin Xtreme Eco Nitrile 300 DI+ Ambidextrous Glove	XS-XL	ISO5	100	15 x 100
69 645X	Shield Shieldskin Xtreme Orange Nitrile 300 DI Ambidextrous Glove	XS-XL	ISO5	100	10 x 100
69 845X	Shield Shieldskin Xtreme White Nitrile 300 DI Ambidextrous Glove	XS-XL	ISO5	100	10 x 100
HCXX11	Kimberly Clark Kimtech Pure Natural G5 Latex 300 Ambidextrous Glove	S-L	ISO5	100	10 x 100
62991/4	Kimtech Pure G3 NXT White Nitrile 12” Ambidextrous Glove	S-XL	ISO5	100	10 x 100

Sterile Gloves

Pair Packed Gloves

SkinGuard 5

12" Natural Latex hand specific gloves, with beaded cuff and a textured surface. With a thickness of 6.5mil (± 1) and a tensile strength of 3335 psi / 23 mpa, SkinGuard 5 combines durability with dexterity for increased operator protection and sensitivity.

SkinGuard 6

12" White Nitrile hand specific gloves with beaded cuff and textured surface, provide operator comfort and flexibility. SkinGuard 6 is suitable for ISO3 Pharmaceutical, medical and healthcare applications, particularly suited to processes that require sustained periods of wear.



SkinGuard 7

As SkinGuard 6 but with a 16" glove length for increased resistance and less chance of glove slippage.

Gauntlet & Isolator Gloves

Berendsen offer a range of isolator gauntlets in a variety of different materials, lengths and port sizes suitable for use in fixed and mobile isolator units. Our range of products, manufactured under an ISO9001:2008 quality system include the following materials; Polyurethane / CSM / Neoprene Natural / Rubber Latex / Butyl. Each dry box gauntlet is individually tested and undergoes thorough QC checks.



SkinGuard 1

A sterile, powder free, polychloroprene glove designed for use on isolator cabinets. They provide unrivalled performance, with protection from chemicals, cytostatic drugs and biological agents while offering a high level of wearer comfort. This is achieved by graduated thickness, which provides fingertip sensitivity without compromising the level of protection provided. The glove also incorporates surface treatment for improved donning and grip. Advanced technology produces an exceptionally soft and pliable material combined with excellent strength and integrity. The hand specific shape of the glove is ergonomically designed for comfort and to minimise hand fatigue.



Sterile Product Code	Description	Size	ISO	Pack Qty	Case Qty
GSPG31065-90	SkinGuard 1 Green Polychloroprene 12" Hand Specific Glove	6.5 - 9.0	ISO4	10 Pairs	5 x 10
GSLN05060-90	SkinGuard 5 White Latex 12" Hand Specific Glove	6.0 - 9.0	ISO4	10 Pairs	20 x 10
GSNW06060-90	SkinGuard 6 White Nitrile 12" Hand Specific Glove	6.0 - 9.0	ISO5	10 Pairs	20 x 10
GSNW07060-90	SkinGuard 7 White Nitrile 16" Hand Specific Glove	6.0 - 9.0	ISO5	10 Pairs	20 x 10

Sterile Gloves

Shield Scientific

The SHIELDskin XTREME™ cleanroom gloves range offers a wide variety of solutions for contamination control: latex gloves or nitrile gloves, with various cleanliness properties (DI, DI+ and DI++), different glove lengths (300, 330 & 400 mm). All ranges bagged in pairs.



Kimberly-Clark

The Kimtech range is a low-cost sterile nitrile glove combining the sensitivity of latex with the protection of nitrile.

The latex gloves have a fully textured beaded cuff of 12" length. They are low protein, low endotoxin and walleted and pouched in polyethylene for cleanroom use. All ranges bagged in pairs.



Kimtech Pure G3 Sterling

12" Grey Nitrile hand specific gloves with textured fingertip and beaded cuff, suitable for processes requiring strength and puncture resistance.

Product Code	Description	Size	ISO	Pack Qty	Case Qty
67 635X	Shield Shieldskin Orange Nitrile 300 Ambidextrous Glove	XS-XL	ISO4	20 pairs	8 x 20
69 655X	Shield Shieldskin Xtreme Orange Nitrile 300 DI Hand Specific Glove	6-10	ISO4	20 pairs	10 x 20
69 876X	Shield Shieldskin Xtreme White Nitrile 330 DI+ - Hand Specific Glove	6-10	ISO4	20 pairs	10 x 20
69 555X	Shield Shieldskin Natural Xtreme Latex 300 DI - Hand Specific Glove	6-10	ISO4	20 pairs	10 x 20
69 576X	Shield Shieldskin Natural Xtreme Latex 330 DI+ - Hand Specific Glove	6-10	ISO4	20 pairs	10 x 20
HC611XX	Kimberly Clark Kimtech Pure G3 White Nitrile 300 - Hand Specific Glove	6-10	ISO4	20 pairs	10 x 20
HC11XXS	Kimberly Clark Kimtech Pure G5 Natural Latex 300 - Hand Specific Glove	6-10	ISO4	20 pairs	10 x 20
HC13XXS	Kimberly Clark Kimtech Pure G3 Natural Latex 300 - Hand Specific Glove	6-10	ISO4	20 pairs	10 x 20
11821/7	Kimtech Pure G3 Sterling Grey Nitrile 12" Hand Specific Glove	6.5 - 9.0	ISO3	30 Pairs	30 x 10

Headwear

Face & Head Coverings

Pleated Face Masks

FaceGuard 1, 2 & 3

FaceGuard Pleated 3-ply ES Face Masks, cleanroom manufactured and packed. Ultrasonic bonding ensures a cleaner mask by reducing contamination and outgassing. Filter centre layer manufactured from 18gsm high density meltblown polypropylene. Inner and outer layer made from 17gsm combined polymer ES. Particle filtration efficiency 97.6% @ 0.1 μ . Bacteria filtration efficiency 95.1% @ 3 μ .

Beard Snoods

Beard Masks are made from soft spunbond nonwoven fabric. These hygienic masks have soft elastic ear-loops offering comfortable and effective barrier protection. They are available in white and one size fits all.



Faceguard 4

FaceGuard Pouch Mask is designed to provide the wearer with additional comfort from an increased internal breathing chamber. Additional particle containment is offered from the extended neck veil. Outer and inner layer made from 20gsm thermal calendared polypropylene, filter layer made from 20gsm melt blown polypropylene. Particle filtration efficiency 98% @ 0.3 μ . Bacteria filtration efficiency 99% @ 3 μ .



Mob Caps

Pleated Mob Caps made from soft, thermally bonded polypropylene with enclosed, double elastics around the edge. Complete hair covering, one size fits all. Available in white or blue.



Non Sterile Code	Sterile Code	Description	ISO	Pack Qty	Case Qty
MNTW0110		FaceGuard 1 Mask with Ties	ISO5	50	20 x 50
MNTW01020		FaceGuard 1 Mask with Ties individually packed	ISO5	50	20 x 50
	MSTW01020	FaceGuard 1 Mask with Ties individually packed	ISO5	20	15 x 20
MNEW01100		FaceGuard 2 Mask with Ear Loops	ISO5	100	10 x 100
MNEW01020		FaceGuard 2 Mask with Ear Loops individually packed	ISO5	20	50 x 20
	MSEW01020	FaceGuard 2 Mask with Ear Loops individually packed	ISO5	20	25 x 20
MNHW01100		FaceGuard 3 Mask with Head Loops Universal	ISO5	100	10 x 100
	MSHW01020	FaceGuard 3 Mask with Head Loops individually packed	ISO5	25	25 x 20
MNHW01020		FaceGuard 3 Mask with Head Loops individually packed	ISO5	50	50 x 20
MNHW04010		FaceGuard 4 Pouch Facemask with Headband	ISO5	50	10 x 50
MNWH01ZZZ		FaceGuard 5 Beard Snoods White	ISO5	100	5 x 100
HNWH01ZZZ		FaceGuard 6 Double Elastic Mob Cap White	ISO5	100	10 x 100
HNBL01ZZZ		FaceGuard 6 Double Elastic Mob Cap Blue	ISO5	100	10 x 100
	MSWH52ZZZ	CR Classic Face Mask with Ties - White 9"	ISO4	20	10 x 20
	MSWH51ZZZ	CR Classic Face Mask with Ties - White 7"	ISO4	20	10 x 20

Garments

Disposable Apparel

SureGuard Type 5&6 Category III

SureGuard disposable apparel is manufactured from two materials bonded together and is the first defence in protecting both your environment from airborne particulate, and your operators from the environment.

It is manufactured from polypropylene with a polyethylene laminate and affords high levels of cleanliness with a superior tensile strength.

The outer polypropylene textile makes the material strong and hard to puncture. The inner fabric is micro porous and although it will not permit chemicals to permeate it will allow air and water vapour to pass through, making it breathable and comfortable to wear.

Offering Category III chemical protection this low linting barrier fabric provides customers an economical option. CE marked to Type 5 & 6, SureGuard provides a cost effective option for disposable apparel without sacrificing quality.



Non Sterile Code	Sterile Code	Description	Size	ISO	Pack Qty	Case Qty
DNWH04SML-XXL	DSWH04SML-XXL	SureGuard 1 anti-static Hooded Coverall	S-XXL	ISO5	1	25
DNWH10SML-XXL		SureGuard 2 anti-static Coat	S-XXL	ISO5	1	25
	DSWH13SML-XLG	SureGuard 3 Hooded Coverall with Integral Feet	S-XL	ISO5	1	25

Entry Mats



GuardTack Disposable Peel off Mats

GuardTack Mats are the ideal way to control footborne or wheel borne contamination in areas of transfer from lower grade to higher grade areas and environments. Manufactured from a Low Density Polyethylene, with 30 sheets per mat, Available in Low Tack (4 mats per case) or Medium Tack (8 mats per case), with numbered tabs to denote remaining sheet.

Available in



White	Blue	Grey	Description	Pack Qty	Case Qty
ANWH08026	ANBL08026		GuardTack 1 26" x 25" Peel off Matt Medium Tack	30	8 x 30
ANWH08018	ANBL08018	ANGY08018	GuardTack 1 18" x 45" Peel off Matt Medium Tack	30	8 x 30
ANWH08336	ANBL08336	ANGY08336	GuardTack 1 36" x 36" Peel off Matt Medium Tack	30	8 x 30
ANWH04026	ANBL04026	ANGY04026	GuardTack 2 26" x 45" Peel off Matt LowTack	30	4 x 30
ANWH04018	ANBL04018	ANGY04018	GuardTack 2 18" x 45" Peel off Matt LowTack	30	4 x 30
ANWH04336	ANBL04336	ANGY04336	GuardTack 2 36" x 36" Peel off Matt LowTack	30	4 x 30
ANWH04036	ANBL04036		GuardTack 2 36" x 45" Peel off Matt LowTack	30	4 x 30
ANWH4122			GuardTack 2 18" x 22" Peel off Matt LowTack	30	4 x 30
	ANBL04236		GuardTack 2 24" x 36" Peel off Matt LowTack	30	4 x 30

Stationery

GuardMark 3 Paper

GuardMark paper is a 72GSM paper designed for use in cleanrooms and controlled environments. With ultra low particle and fibre generating properties, low ionic content and excellent IPA resistance, GuardMark is a hard wearing clean paper. Compatible with most inks for writing without smearing and in addition an excellent heat resistant material for laser printing and use in photocopiers. GuardMark is ROHS compliant and can be sterilised by Gamma Irradiation.



GuardMark 4 Munising LP Paper

Munising LP readily accepts inks and laser printing without smudging. It features high opacity, good heat stability, chemical and moisture resistance and can be photocopied, sterilised or shredded. It also accepts standard printing inks and requires no special procedures for printing other than those needed to keep the paper free from contamination.

Available in

GuardMark 1 Pens

Anti-static Pens with a low ionic ink, clean packaged in 12s and double bagged. Can be sterilised by Gamma Irradiation.



Available in

Note Books

We offer a range of Notebooks in A4 and A5.

Non Sterile Code	Sterile Code	Description	Size	ISO	Pack Qty	Case Qty
ZNBK01012	ZSBK01012	GuardMark 1 Cleanroom Pens Black		ISO4	12	10 x 12
ZNBL01012	ZSBL01012	GuardMark 1 Cleanroom Pens Blue		ISO4	12	10 x 12
	ZSBK03010	GuardMark 2 Sterile Marker Pens		ISO4	1	10 X 1
ZNWH04072		GuardMark 3 Cleanroom Paper White 72gsm	A4	ISO5	250	10 x 250
ZNBL04072		GuardMark 3 Cleanroom Paper Blue 72gsm	A4	ISO5	250	10 x 250
ZNPI04072		GuardMark 3 Cleanroom Paper Pink 72gsm	A4	ISO5	250	10 x 250
ZNGR04072		GuardMark 3 Cleanroom Paper Green 72gsm	A4	ISO5	250	10 x 250
ZNYE04072		GuardMark 3 Cleanroom Paper Yellow 72gsm	A4	ISO5	250	10 x 250
ZNWH04225	ZSWH04225	GuardMark 4 Munising Cleanroom Paper White 22.5lbs	A4	ISO4	250	10 x 250
ZNBL04225	ZNBL04225	GuardMark 4 Munising Cleanroom Paper Blue 22.5lbs	A4	ISO4	250	10 x 250
ZNWH04018	ZNWH04018	GuardMark 4 Munising Cleanroom Paper White 18lbs	A4	ISO4	250	10 x 250

Accessories

Cleanroom Packaging & Tape Packaging

Berendsen provide Ultraclean Polythene, Ultraclean Clear High Barrier Packaging and a wide range of High Barrier Foil Packaging that has one purpose only. It is designed to protect and preserve its contents from the surrounding environment without compromising cleanliness and purity. Full range of sizes upon request.

Tape

Berendsen offer a range of Tapes for use in cleanrooms, from vinyl construction tape for temporary partitioning and sealing, to wafer shipping tape and specialist tapes for the semiconductor and Healthcare industries. Available in varied colours and sizes. Clean packed.

Irradiation Indicators

Gammatex irradiation sterilisation indicators are Class 1 process indicators, manufactured in compliance with ISO 11140-1:2005 "Sterilisation of healthcare products - Chemical indicators". Gammatex Gamma sterilisation indicators undergo a simple yellow to red colour change when exposed to gamma radiation.



Isolator Cleaning Bonnet

Made from dual layer continuous filament 100% polyester, the Isolator Cleaning Bonnet is designed to be easily applied to the Isolator Cleaning Tool and are laundered prior to use. The polyester material ensures a high wiping performance, that is durable and low linting, whilst the dual layer provides absorbency. Sterilised by Gamma Irradiation. Tested to ASTM-D-629.

Isolator Cleaning Tool

A quick and efficient tool for the cleaning of compounding isolators, biological safety cabinets, laminar flow hoods, pass boxes, transfer hatches, air showers and other mini-environments. The Isolator Cleaning Tool is made from durable 304 stainless steel and has a 360° swivel head. Handle made from smooth aluminium.



Non Sterile Code	Sterile Code	Description	Size	ISO	Pack Qty	Case Qty
ZNPY01012		Gammatex Irradiation Indicators	12mm	ISO4	5000	1 x 1 Roll
TNWH31ZZZ		Cleanroom Wafer Shipping Tape 1" White	1"	ISO4	1	24 x 1
	ZSPW12ZZZ	Isolator Cleaning Bonnets	Universal	ISO4	Each	20 x 1
	ZNSS01035	Isolator Cleaning Tool - Short Handle	35cm	ISO4	Each	1 x 1
	ZNSS01061	Isolator Cleaning Tool - Long Handle	61cm	ISO4	Each	1 x 1

Notes



To enquire about any of your Consumable needs or to place an order
call 01635 234058 or email consumables@berendsen.uk

BERENDSEN

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The Berendsen Group has more than 16.000 employees operating in 16 countries providing textile services within a broad variety of areas ranging from cleanroom services to mats and washroom solutions. Berendsen plc is Europe's largest textile service company listed at the London Stock exchange.

With a knowledge base built up over more than 100 years, Berendsen continuously improves its business models

to meet customer demands. Partnering with Berendsen ensures you an experienced partner and tailored cleanroom textile and cleanroom consumable service to meet your specific requirements.

Contact us: Call us on 01635 234058 or visit us on www.berendsen.co.uk to see more about what we can do for you.

We provide a 360° solution for our customers:



Cleanroom garments

We offer a wide range of cleanroom garments and accessories for all production types. Moreover, we offer a selection of cleanroom undergarments for extra protection under the coverall.



Cleaning system

Use our complete cleaning system is targeted for use in cleanrooms and controlled environments and complies with applicable ISO and GMP standards.



Goggles for cleanroom

Rental of goggles including cleaning, packing and sterilisation, leaving no risk of contamination and ensuring an optimal hygiene level.



Cleanroom mat service

Our cleanroom Flexi Mat service ensures prevention of up to 99.9% of foot and airborne contaminants from entering or exiting your critical control points.