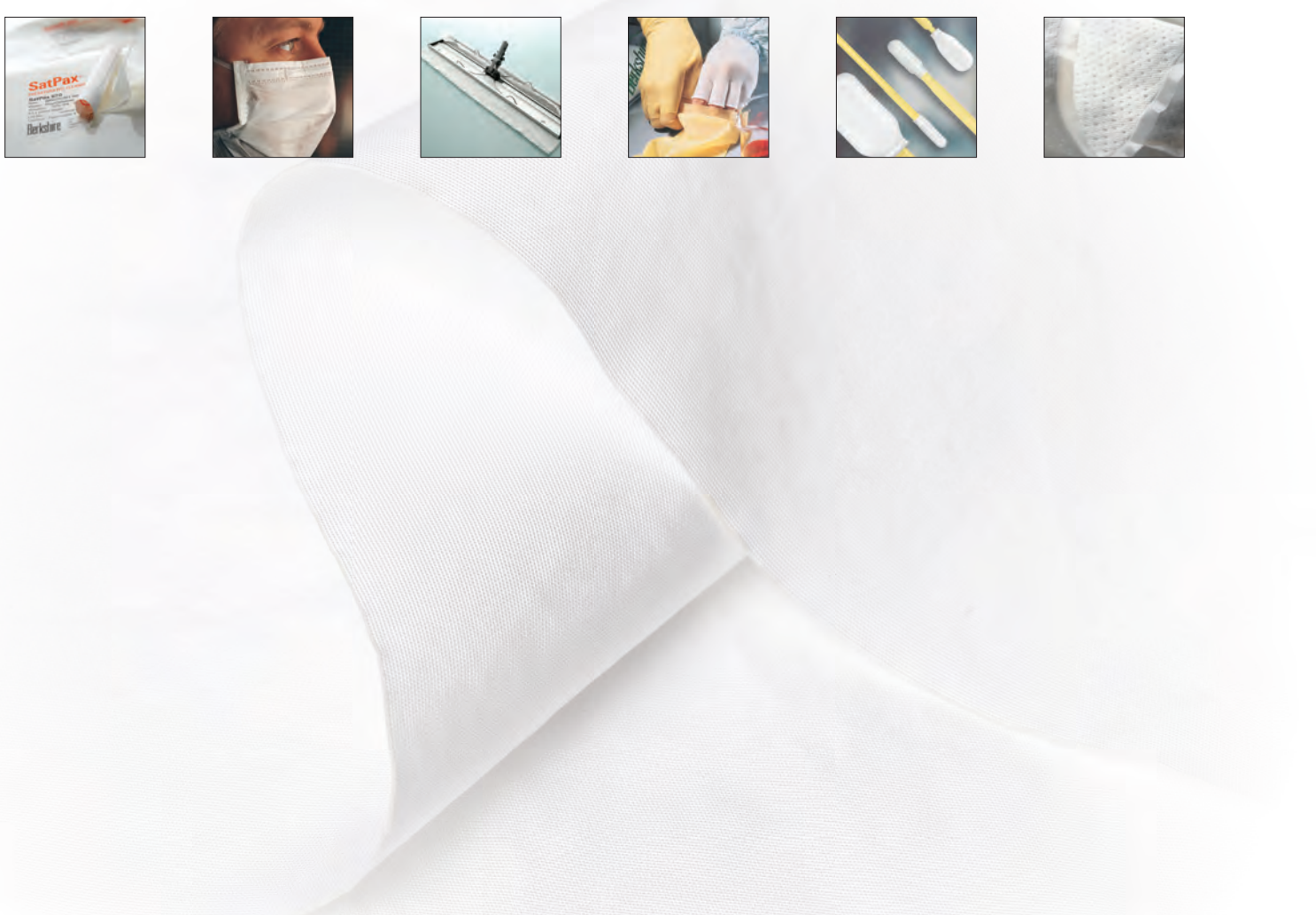
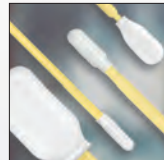
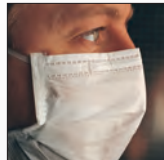


Berkshire

ENGINEERED CLEAN

Contamination Control Products for Cleanrooms, Sterile, and Controlled Environments



About Berkshire

Berkshire is Your Source for Innovative and High Quality Cleanroom and Controlled Environment Consumables

For more than 40 years, Berkshire has been a global leader in the engineering and manufacturing of cleanrooms and controlled environments products. With manufacturing sites in the USA, UK and China, and sales operations on four continents, Berkshire has the capabilities to meet your smallest and largest demands... no matter where you're located.

Whether you are in the biomedical device, pharmaceutical/biotechnology, semiconductor, optics, microelectronics or sterile pharmaceutical compounding industries, Berkshire is committed to offering you products with performance characteristics that minimize the risk of working in your cleanrooms.

At Berkshire, manufacturing and providing the most advanced contamination control products is all we do. That's why we've been able to make such a difference for our customers; we're focused on making your processes better, as well as our own.

BERKSHIRE'S USA PLANT IN NORTH CAROLINA



Product Guide

Critical and Controlled Environment Wipers

Berkshire offers a wide range of dry, pre-wetted, and sterile wipers for ISO Class 3-8, controlled, and sterile environments.



Swabs



Berkshire offers an extensive range of high quality polyester knit, foam, and nonwoven swab tip materials to choose from.

Cleanroom Bonds/Notebooks



Cleanroom paper is an integral component in critical environments. Berkshire Cleanroom Bond and Notebooks provide a flexible way for you to record information throughout the production process without contamination.

Face Masks



People are a significant source of contamination in any critical manufacturing process. Berkshire masks are designed to protect your cleanroom or controlled environment from human contamination.

Mops and Accessories



Berkshire offers cleanroom mops (sterile/non-sterile) for floors, ceilings, and walls, as well as isolator cleaning tool systems.

Glove Liners

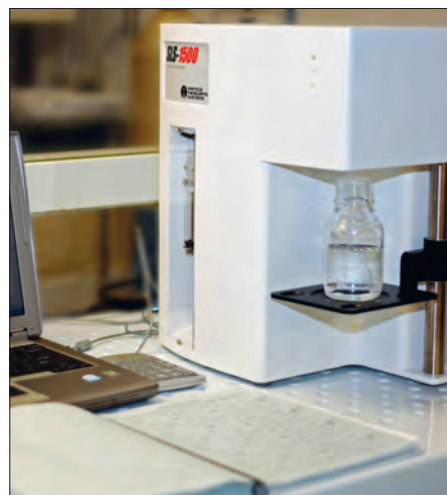


BCR® Cleanroom Glove Liners offer protection and enhanced comfort during extended wear. They greatly reduce perspiration and contact dermatitis associated with wearing latex, vinyl, nitrile and other gloves.

Quality

Berkshire Product Testing

Berkshire continually tests its products to guarantee consistency. Based on IEST recommended practices, our product tests identify the most critical properties for all our products. The test results are available to you on the Lot Profile Certificate, identified by the unique lot number on the product case or pack label.



Testing for Particles and Fibers

The particle and fiber test method calculates the amount of fiber and particle shedding released by a wiper. Wiper is placed in water and agitated for a set length of time. The amount of particle and fiber released into the water indicates the cleanliness of the wiper.

Fibers: A wiper is agitated in water using a biaxial shaker for five minutes. The fibers released into the water are filtered onto a membrane and counted microscopically. The results are expressed as fibers $\geq 100\mu\text{m}$ per square centimeter of wiper. (IEST-RP.CC004.3, Section 6.2.2.2)

Particle Generation - Biaxial Shake Test: A wiper is "washed" in water using a biaxial shaker for five minutes. The particles released into the water are counted by a liquid-borne particle counter. By dividing the total number of particles released by the area of the wiper, the results are expressed as particles $\geq 0.5\mu\text{m}$ per square centimeter of wiper. (IEST-RP.CC004.3, Section 6.1.3)

Testing for Sorbency

Sorbency tests the ability of a wiper to absorb liquid measured by the time to absorb and the volume of liquid absorbed per a predetermined area. The higher the sorbency, the more liquid a wiper can hold. A wiper that has a fast time to absorb rate means that the wiper can readily pick up spills and or cleaning solutions.

Sorbency: A sample piece of material is saturated with as much fluid as it can hold. After one minute, the material is weighed, and results are expressed in millimeters of fluid per square meter. (IEST-RP.CC004.3, Section 8.1 - modified)

Efficiency: This calculation indicates how well a material absorbs, relative to others. Results, expressed in millimeters of liquid per gram of material, assist in comparing one raw material with another. (IEST-RP.CC004.3, Section 8.1 - modified)

Rate: This test is a measurement of the time it takes a wiper to absorb a liquid. Results are expressed in seconds. (IEST-RP. CC004.3, Section 8.1 - modified) Purity

Testing for Non-Volatile Residue

Berkshire generates non-volatile data using both deionized water and 2-Propanol. Results are expressed in grams of extractables per square meter of wiper, which is a useful guide to relative purity of wipers. (IEST-RP.CC004.3, Section 7.1.2)

Metallic Ions: Ions are extracted in deionized water and quantitatively analyzed by Ion Chromatography. Results are stated in parts per million (ppm). (IEST-RP.CC004.3, Section 7.2.2.)

For more information on wiper test methods, read our technical paper on "Understanding Cleanroom Wiper Test Data and the Role of Product Data/Information Sheets"

Enhance your cleaning performance with

CapSure® Technology

Superior Cleanliness

Airborne particle releases **80%** lower than competitive particle attraction wipers

Highly Effective

Captures **42** times more particles than competitive (untreated) wipers

Assurance

Retain **93%** of particles captured

CapSure®-LP, CapSure®-VP, CapSure®-LP Edge, ValuSeal® IONX™ with CapSure®

CapSure® is a patented (#8,431,497) surface treatment enables the wiper to capture and retain particulate contamination, resulting in more efficient cleaning and reduced likelihood of cross contamination of critical surfaces.

ValuSeal® IONX™

ValuSeal® IONX™ is a laser-sealed-edge, cleanroom-laundered wiper. Composed of 100% polyester continuous filament yarns, it features a smooth, knit construction and laser-sealed edges. It is ideal for applications requiring critically low particle and fiber release levels as well as those requiring durability and/or chemical compatibility. A proprietary ISO Class 4 cleanroom laundry process insures ultra-low NVR and ionic contaminant levels, making ValuSeal® IONX™ suitable for the most sensitive cleaning processes.



Benefits

- Low in ionic levels
- Laser sealed edge for reduced fiber contamination
- Critically low particles, fibers, and extractables
- High abrasion resistance
- Chemically compatible with IPA, acetone, and other solvents

MicroSeal® HA

A highly absorbent sealed edge wiper made of 100% polyester knit. This wiper is excellent for contaminant removal in critical cleaning applications.



Benefits

- Highly absorbent
- Critically low particles, fibers and extractables
- Minimize fiber and particle release during use
- Excellent combination of cleanliness, absorbency and abrasion resistance
- Chemically compatible with IPA, acetone, and other solvents

Wipers - Polyester Knitted

ISO Class 4-5
Cleanroom Class 10-100
EU Grade A/B

SuperPolx® SE, SuperPolx® SWSE, SuperPolx® LWSE

The SuperPolx® sealed edge series are cleanroom laundered wipers that composed of 100% continuous filament polyester knit fabric. This combination of properties provides a high level of cleanliness and chemical compatibility required for your cleaning applications requiring critical control of contaminants combined with superior performance.



Benefits

- Critically low particles, fibers, ions and extractables
- Abrasion resistance
- High absorbency
- Chemically compatible with IPA, acetone and other solvent
- Light weight, high absorbency material design reduces actual cost in use compared to heavier weight products

SuperPolx® 1009HD

A cleanroom laundered, sealed edge wiper made of 100% polyester knit. This wiper knit construction is designed for durability and excellent in removal of tough residues in critical cleaning applications.



Benefits

- High abrasion resistant
- Low in particles, fibers, ions and extractables
- Good absorbency
- Chemically compatible with IPA, acetone and other solvents

SuperPolx® 1200A, SuperPolx® SW, SuperPolx® LW

The SuperPolx® knife-cut series are cleanroom laundered wipers that composed of 100% continuous filament polyester knit fabric. This combination of properties provides a good level of cleanliness and chemical compatibility required for your cleaning applications requiring critical control of contaminants combined with superior performance.



Benefits

- Low particles, fibers, ions and extractables
- Abrasion resistance
- High absorbency
- Chemically compatible with IPA, acetone and other solvent
- Soft hand and edge for sensitive surfaces
- Light weight, high absorbency material design reduces actual cost in use compared to heavier weight products

Polx® 1200A

The Polx® 1200A is a knife-cut, cleanroom wiper composed of 100% continuous filament polyester processed-clean fabric. An economical alternative to a standard cleanroom knitted polyester. Recommended for ISO Class 5-8, Cleanroom Class 100-100,000, EU grade C/D.



Benefits

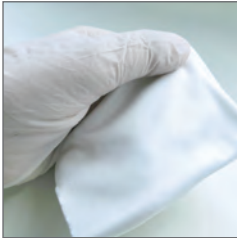
- Abrasion resistance
- Low contamination compared to nonwovens
- High absorbency
- Chemically compatible with IPA, acetone and other solvent
- Soft hand and edge for sensitive surfaces

Wipers - Microfiber

ISO Class 4-5
Cleanroom Class 10-100
EU Grade A/B

MicroPolx® 2750

MicroPolx® 2750 is a sealed-edge, cleanroom-laundered wiper. It is composed of a polyester and nylon knitted microfiber / microdenier fabric. This combination of properties provides MicroPolx® 2750 with the high level of cleanliness, abrasion resistance, and absorptive performance required for applications requiring critical control of contaminants.



Benefits

- Microfiber yarn increases surface area and provides superior wiping efficiency and sorptive performance
- Low levels of fiber and/or particle contamination
- Abrasion resistance
- Chemically compatible with IPA and other solvents
- Soft hand and edge for sensitive surfaces

MicroPolx® 2000LT

MicroPolx® 2000LT is a sealed-edge, cleanroom-laundered wiper. It is composed of a polyester and nylon knitted microfiber / microdenier fabric. Critically low in Titanium Dioxide (TiO₂). Recommended for cleaning glass and delicate surfaces requiring critical control of contaminants.



Benefits

- Critically low in Titanium Dioxide (TiO₂)
- Chemically compatible with IPA and other solvents
- Soft and smooth enhanced cleaning efficiency
- Highly absorbent and durable

MicroSeal® 1500MD

MicroSeal® 1500MD is a sealed-edge, cleanroom-laundered wiper. It is composed of a 100% knitted microfiber / microdenier fabric. Engineered with strong chemical and abrasion resistance. Smooth texture is ideal for cleaning delicate parts, Pre-cleaning, degreasing, polishing and buffing paintwork, glass & lenses.

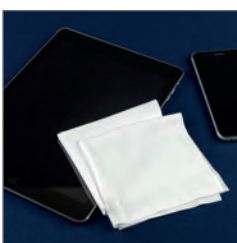


Benefits

- Superior wiping efficiency
- Abrasion resistance
- Chemically compatible with IPA and other commonly used solvents
- Ideal for cleaning sensitive or scratch prone surfaces

MicroPolx® 1100

MicroPolx® 1100 is a 100% polyester microfiber sealed edge cleanroom wipe, laundered and packaged in an ISO Class 4 cleanroom. The wipe's microfiber yarn has 3 times the surface area of standard polyester yarns, resulting in a soft smooth surface and more efficient cleaning performance. Laser cut edges and a proprietary laundering process provide critically low particle and fiber release as well as best-in-class ion and non-volatile residue levels.



Benefits

- Excellent abrasion resistance
- Soft smooth surface is suitable for cleaning sensitive or scratch prone surfaces
- High fiber surface area for improved wiping efficiency
- Chemically compatible with IPA and other commonly used solvents
- Light weight material design as compared to other microfiber wipes reduces cost in use
- Steam autoclavable for aseptic applications

Wipers - Nonwoven

ISO Class 5-8
Cleanroom Class 100-100,000
EU Grade C/D

Durx® 670A

Superior strength and absorbency make Durx® 670A an ideal choice for a general purpose wiper. Manufactured without the use of binders or surfactants, ion levels and organic extractables remain low. Made from polyester and cellulose blend provides a good level of absorbency and cleanliness.



Benefits

- No binders or other chemical additives
- Smooth, highly absorbent and durable
- Low extractable levels and particle counts
- Chemically compatible with common cleaning and disinfecting solutions
- Autoclavable

SunSorb® 450

Superior strength and absorbency make SunSorb® 450 an ideal choice for a general purpose wiper. Quarter folded and manufactured with polyester and cellulose blend in aperture surface for enhanced wiping efficiency.



Benefits

- Smooth, highly absorbent and durable
- Chemically compatible with common cleaning and disinfecting solutions
- Autoclavable

MicroFirst® 38

MicroFirst® 38 is a 100% nonwoven rayon, aperture surface and quarter folded wiper. It is engineered for its softness so that it will contours to uneven surfaces for enhancing wiping efficiency.

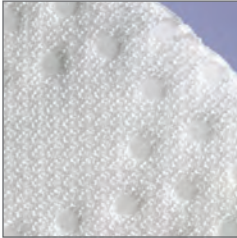


Benefits

- Excellent strength and durability
- Heat resistant
- Highly absorbent
- Soft
- Chemically compatible with common cleaning and disinfecting solutions

Choice® SuperSorb

Choice® SuperSorb is a knitted polyester, two-ply, highly absorbent, ultrasonically sealed-edge, cleanroom-laundered wiper. This wiper is excellent for the most critical spill control and cleaning applications. Recommended for ISO Class 3-5, Cleanroom Class 1-100, EU grade A/B.



Benefits

- Two-ply pinsonic construction with unique diamond pattern that aids in stubborn residue removal.
- Ultrasonically sealed edge for reduced fiber contamination
- Critically low particles, fibers, ions, and extractables
- High abrasion resistance
- Chemically compatible with IPA, acetone, and other solvents
- Pinsonic design

Choice® Edge

Choice Edge is a cleanroom-laundered, 4 -side bordered sealed edge wiper made of 100% polyester knit. This wiper is excellent for removal of tough residues in critical cleaning applications. Recommended for ISO Class 3-5, Cleanroom Class 1-100, EU grade A/B.



Benefits

- Critically low particles, fibers and extractables
- Durable and minimize fiber and particle release during use
- Smooth knit construction and consistent border sealed edges provide a scratch free wiping surface
- Excellent combination of cleanliness, absorbency and abrasion resistance
- Compatible with IPA, acetone and other solvents

Choice® K1

Choice K1 is a cleanroom-laundered, sealed edge wiper made of 100% polyester knit. This wiper is excellent for removal of tough residues in critical cleaning applications. Recommended for ISO Class 5-8, Cleanroom Class 100-100,000, EU grade C/D.



Benefits

- Low in particles, fibers, ions and extractables
- Abrasion resistant
- Excellent absorbency
- Chemically compatible with IPA, acetone and other solvents

Choice® NW 600

Choice NW 600 is composed of a hydro entangled nonwoven polyester and cellulose blend. This combination provides the product with a good level of absorbency, cleanliness, abrasion resistance and chemical compatibility required for controlled environments. Recommended for ISO Class 5-8, Cleanroom Class 100-100,000, EU grade C/D.



Benefits

- Excellent combination of the synthetic polyester strength and cleanliness with the absorbent characteristics of cellulose
- Smooth, highly absorbent and durable
- Low extractable levels and particle counts
- Chemically compatible with common cleaning and disinfecting solutions
- Autoclavable

Choice® 72 & 72B Cleanroom Paper

Choice cleanroom paper is a fully recyclable and biodegradable paper. It is made from the virgin cellulose and economical to use. Standard colors are white, blue, green, yellow and pink. Berkshire standard sizes for papers are A3, A4 and A5. These standard size are designed for ease of use and maximum economy. Custom colors and sizes are also available upon request. Recommended for ISO Class 5-8, Cleanroom Class 100-100,000, EU grade C/D.



Benefits

- Double packed for cleanliness
- Smooth surfaces reduce particle contamination
- Lot traceability on each case
- High strength and heat resistance
- Good toner adhesion

Choice® Cleanroom Notebooks

CHOICE® spiral and stapled notebooks are an ideal choice for cleanroom documentation. These notebooks are made with Berkshire's CHOICE® 72 paper to minimize particle contamination. There are spiral and stapled designs available in college rule format. Berkshire standard sizes for notebooks are A4 and A5. These standard sizes documentation are designed for ease of use and maximum economy. Different sizes and print formats are also available upon request. Recommended for ISO Class 5-8, Cleanroom Class 100-100,000, EU grade C/D.



Benefits

- Can be customized with your company logo printed on front cover/page
- Spiral ring with PET cover can withstand long periods in use
- Stapled with hard cover for economical use
- Available in various sizes for different applications

Specialty Wipers / Papers

Lensx® 90

Lensx® 90 is made from rayon and cellulose blend nonwoven wiper. It is engineered for extreme softness to use in the cleaning of delicate surfaces and optical parts. It can also be used for packaging delicate parts. Lensx® 90 is 100% biodegradable.

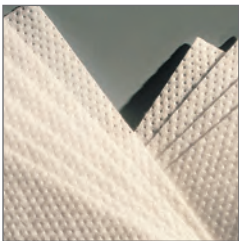


Benefits

- Meets USA government specification AA-50177, Type 1, Class 1
- Burst strength (PSI/10 sheets dry) 51
- Acidity (pH value) 5.6
- Ash percent (average) 0.42
- Non-abrasive

Pro-Wipe® 750

Pro-Wipe® 750 is a thermally bonded, multi-layer of polypropylene and cellulose composite, nonwoven wiper. It has exceptional cleanliness, absorbency, and chemical resistance to strong solvents, including acids. It can be used for general wiping and spill pick-up, surface cleaning, tray lining, lab applications, and the removal of etchants, acids, and other chemical spills.

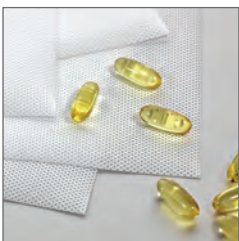


Benefits

- Engineered for compatibility with acid solvents
- Extremely durable and pure with very low particle and fiber generation
- High absorbency to weight ratio may reduce cost in use compared to similar weight nonwovens

Pro-Wipe® OS

Pro-Wipe OS is made from 100% polypropylene meltblown nonwoven wiper engineered for oil absorption and retention. Surfactant free and low linting, this wiper is ideal for nutraceutical and gel capsule manufacturing where FDA food contact certification is required.



Benefits

- Complies with USA FDA 21 CFR 177.1520 for food grade applications
- High loft and soft texture
- No binders, surfactants or other chemical additives
- Specifically designed to absorb oil and repel water
- Low linting
- Silicone-free
- Lot numbers on each pack provide traceability

Twillx® 1622

Twillx® 1622 is made from 100% woven cotton wiper that permits cleaning and wiping of heated surfaces as well as polishing and burnishing rigid disk surfaces. Ideal for high temperature equipment cleaning and diffusion furnaces.



Benefits

- Engineered for thermal stability and high heat applications
- Highly sorbent and durable
- Works well with IPA and other solvents

Specialty Wipers / Papers

Labx® 170

Labx® 170 is an abaca and wood pulp blend nonwoven wiper. A cleaner alternative to industrial tissues and wipers. It makes an excellent wafer separator, wet bench liner, laboratory workmat, material packaging and blotter.



Benefits

- Meets USA government specification AA-50177, Type 1, Class 4 Heavy Weight, Wet Strength
- Engineered as lightweight, low-lint wafer separator material
- Highly absorbent

Exsorbx® 400

Exsorbx® 400 is a 100% polyester hydro-entangled nonwoven. It is a soft, pliable wiper ideal for all types of sensitive surfaces. The wiper is non-abrasive so it is ideal for wrapping delicate parts for protection. Exsorbx® 400 has been treated via proprietary process to enhance the absorbency of the wiper, making it an ideal choice for spill control.



Benefits

- Treated with a proprietary process to enhance absorbency
- No cellulose components; 100% synthetic
- Low-fiber and particle generation counts
- Soft and non-abrasive

Gamma Wipe® 67, Gamma Wipe® 120, Gamma Wipe® 300 and Gamma Wipe MicroSeal®-VP (Dry wipers) SatPax® 1200, SatPax® 550, SatPax® 670 and MicroSeal® WFI (Pre-wetted wipers)

Gamma irradiated and validated sterile to a Sterility Assurance Level of 10⁻⁶ in accordance with ANSI/AAMI/ISO American National Standards and European Standards EN1174 and EN552. Berkshire's sterile wipers are designed for use in aseptic processing zones where microbial and particle contamination leads to an expensive loss of product.



Benefits

- Expiration date, radiation dosage, lot information, meets cGMP requirements for traceability
- Certificates of sterility available on the Berkshire website by lot number 24/7
- Lot number on each pack, header bag style

BCR® Bond 680 / 850 / 1040 Papers

BCR® Bond ultra-clean single sheet cleanroom paper may be used in any class cleanroom. It is a reliable way to record information throughout your manufacturing process that include lot tracer, batch records and manuals. Compatible with laser printers, photocopiers and offset printing.



Benefits

- Purest cellulose used to minimize contamination
- Specialized coating to reduce particle and fiber release
- Double packed for cleanliness
- Compatible for gamma irradiation for use in sterile applications
- Available in different sizes, colours and grammage

Swabs

Lab-Tips® Knitted Polyester Swabs

Cleanroom Laundered Double Layer 100% Polyester Knit Swab Heads

These swab heads are made of knitted polyester and are cleanroom laundered for superior cleanliness. It is thermally bonded with the polypropylene handle. All edges of the swab head are thermally sealed to minimize particle shredding and have very low non-volatile residues. Knitted polyester swabs are abrasion resistant and an excellent choice for use with most cleaning solvents.

Part No.	Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length
LTP125	12.7mm (0.500")	5mm (0.196")	25mm (0.984")	5.5mm (0.216")	2.8mm (0.110")	100mm (3.94")
Polyester swabs for surface sampling, cleaning validation, and cleaning broad surface areas			Total Swab Length	Head Bond	Head Type	Packaging
			125mm (4.92")	Thermal	Rigid	100 Swabs/Pk, 5 Pks/Cs



LTP125S Sampling Swab

LTP125TOC Low-TOC Sampling Swab

Part No.	Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length
LTP1465	7mm (0.275")	4mm (0.157")	16.8mm (0.661")	3.1mm (0.122")	3.1mm (0.122")	145mm (5.71")
Polyester swabs with long handle for surface sampling, cleaning validation, and cleaning hard to reach places			Total Swab Length	Head Bond	Head Type	Packaging
			162mm (6.38")	Thermal	Flexible	100 Swabs/Pk, 10 Pks/Cs



Part No.	Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length
LTP70F	4mm (0.157")	2.5mm (0.098")	11mm (0.433")	2.2mm (0.086")	2.2mm (0.086")	59mm (2.32")
Polyester swabs with flexible paddle head for cleaning grooved, slotted, and recessed areas			Total Swab Length	Head Bond	Head Type	Packaging
			70mm (2.75")	Thermal	Flexible	100 Swabs/Pk, 20 Pks/Cs



Part No.	Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length
LTP70R	4mm (0.157")	4mm (0.157")	12.5mm (0.492")	2.8mm (0.110")	2.8mm (0.110")	58mm (2.28")
Polyester swab with short handle and rigid core for general purpose cleaning and controlled application			Total Swab Length	Head Bond	Head Type	Packaging
			70mm (2.75")	Thermal	Rigid	100 Swabs/Pk, 20 Pks/Cs



Swabs

Lab-Tips® Cleanroom Laundered Foam Swabs

Cleanroom Laundered 100 ppi Open-Cell Polyurethane Foam Swab Heads

These swab heads are made of open cell polyurethane foam thermally bonded to a polypropylene handle. The open-cell foam head is cleanroom laundered to offer superior cleanliness and has excellent absorption. Its open-cell structure is also capable of picking up more contaminant particulates. All edges of the swab head are thermally sealed to minimize particle shedding.

Part No.	Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length
LTO1465	7mm (0.276")	3mm (0.118")	16.8mm (0.661")	3.1mm (0.122")	3.1mm (0.122")	145mm (5.71")
Foam sock head swab with long handle for cleaning hard to reach areas			Total Swab Length	Head Bond	Head Type	Packaging
			162mm (6.38")	Thermal	Flexible	100 Swabs/Pk, 10 Pks/Cs



Part No.	Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length
LTO70P	4mm (0.157")	4mm (0.157")	20mm (0.787")	2.5mm (0.098")	2.5mm (0.098")	50mm (1.97")
Foam sock swab with precision pointed head for cleaning small slotted and grooved areas			Total Swab Length	Head Bond	Head Type	Packaging
			70mm (2.75")	Thermal	Pointed	100 Swabs/Pk, 20 Pks/Cs



Part No.	Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length
LTO70F	4mm (0.157")	2mm (0.078")	11mm (0.433")	2.2mm (0.086")	2.2mm (0.086")	59mm (2.32")
Foam swab with short handle for general purpose cleaning			Total Swab Length	Head Bond	Head Type	Packaging
			70mm (2.75")	Thermal	Flexible	100 Swabs/Pk, 20 Pks/Cs



Part No.	Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length
LTO70R	4mm (0.157")	4mm (0.157")	12.5mm (0.492")	2.8mm (0.110")	2.8mm (0.110")	58mm (2.28")
Foam swab with short handle and rigid core for general purpose cleaning and controlled application			Total Swab Length	Head Bond	Head Type	Packaging
			70mm (2.75")	Thermal	Rigid	100 Swabs/Pk, 20 Pks/Cs



Swabs

Lab-Tips® Closed Cell Foam Swab

100 ppi Closed Cell Polyurethane Foam Swab Head

This swab head is made of closed cell polyurethane foam thermally bonded to a polypropylene handle. The closed-cell foam head also has excellent absorptive capacity. Its closed-cell structure offers increased durability and is an excellent choice for applications that require rigorous cleaning. All edges of the swab head are thermally sealed to minimize particle shredding.

Part No.	Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length
LTC125	13mm (0.511")	8mm (0.315")	25mm (0.984")	5.5mm (0.216")	2.8mm (0.110")	100mm (3.94")
Foam swab with large rectangular rigid paddle for general purpose cleaning			Total Swab Length	Head Bond	Head Type	Packaging
			125mm (4.92")	Thermal	Rigid	100 Swabs/Pk, 5 Pks/Cs



Lab-Tips® Nonwoven 100% Polyester Swabs

Hydro entangled 100% Polyester Swab Heads

These swab heads are made of 100% nonwoven polyester material and are thermally bonded to the polypropylene handle. The swab head material has a very soft texture and is ideal for cleaning and polishing small delicate parts or lenses which are sensitive to scratches. All edges of the swab head are thermally sealed to minimize particle shredding.

Part No.	Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length
LTN1465	7mm (0.275")	4mm (0.118")	17mm (0.670")	3.1mm (0.157")	3.1mm (0.157")	145mm (5.71")
Nonwoven polyester swab with long handle and flexible tip for surface sampling and cleaning hard to reach areas			Total Swab Length	Head Bond	Head Type	Packaging
			162mm (6.38")	Thermal	Flexible	100 Swabs/Pk, 10 Pks/Cs



Part No.	Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length
LTN70F	4mm (0.157")	2mm (0.078")	11mm (0.433")	2.2mm (0.086")	2.2mm (0.086")	59mm (2.32")
Nonwoven polyester swab with small flexible tip for cleaning very small grooved or slotted areas			Total Swab Length	Head Bond	Head Type	Packaging
			70mm (2.75")	Thermal	Flexible	100 Swabs/Pk, 20 Pks/Cs





Berkshire

ENGINEERED CLEAN

www.berkshire.com

BERKSHIRE IS THE GLOBAL LEADER in the engineering and manufacturing of contamination control products for cleanrooms and critical environments worldwide. Global technical specialists assess specific process needs and bring qualified solutions to the most critical applications. We bring the products, the knowledge and the integrity critical to your success.

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Email enquiries@berkshire.uk.com

SE Asia
Tel 65.6252.4313
Fax 65.6252.4312
Email enquiries@berkshire.com.sg

Japan
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Fax 81.3.5827.2382
Email master@berkshire.co.jp