

## CONTAMINATION CONTROL PRODUCT CATALOG



CLEANROOMS ASEPTIC PROCESSING CONTROLLED ENVIRONMENTS CLEAN MANUFACTURING





**AEROSPACE & DEFENSE** 

MICROELECTRONICS





PHARMACEUTICAL



HEALTHCARE







PRINT



MEDICAL DEVICE



UNIVERSITY / RESEARCH



**FOOD & BEVERAGE** 



#### BERKSHIRE.COM



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#### **DID YOU KNOW?**

This catalog contains blocks of bonus information throughout.

Explore tech tips, resources and videos here:



The Americas E-Mail: Website: North Asia	info@berkshire.com www.berkshire.com www.berkshire.mx	<b>Europe</b> E-Mail: Website:	enquiries@berkshire.uk.com www.berkshire.com.de www.berkshiresalleblanche.fr www.berkshire.uk.com www.berkshire.com.es www. berkshirecamerabianca.it
E-Mail: Website:	master@berkshire.co.jp www.berkshire.co.jp www. berkshire.kr	Southeast Asi E-mail: Website:	a enquiries@berkshire.com.sg www.berkshire.com.cn www.berkshire.com.sg

# DRIVING THE TECHNOLOGY OF CONTAMINATION CONTROL

#### BECAUSE THE SMALLEST MEASURE CAN MAKE THE BIGGEST DIFFERENCE

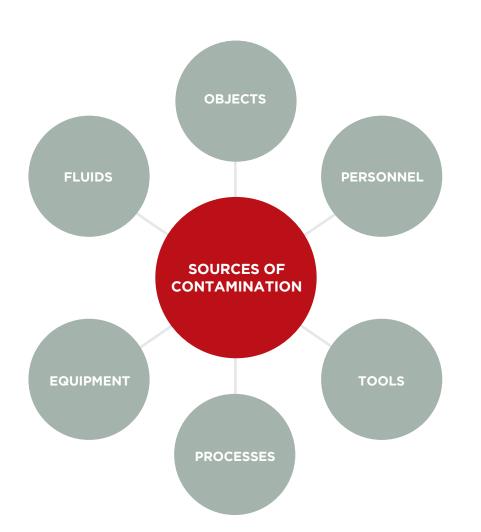
Berkshire is the global contamination control leader for clean room and controlled environment consumable products. We provide customers with technically advanced materials aimed at application specific performance solutions. For over 50 years Berkshire has understood and delivered world class manufacturing, reliable supply chain, the highest standards of quality, and technically advanced products.



#### WHY BERKSHIRE? Engineered Clean

1	Quality Programs: ISO9001 Certified SPC CAPA system FMEAs IQ, OQ, PQ	Results: Superior level of quality, con world's cleanest and trusted	sistency, traceability - the contamination control products
2	How do you determine if your cleanroom supplies are right for your processes?	Berkshire conducts facility a objective set of observation resulting in improved proces	s and recommendations
3	Global Support	<b>Documentation</b> Certificates of Sterility Certificates of Irradiation Certificates of Conformance Certificates of Analysis Safey Data Sheets Product Information Sheets Instructional Posters	People - Training - Social Media Customer Service Representatives Contamination Control Specialists Videos Chat Onsite Support Customer Support Portal Knowledge Base
4 Du	Innovation		y: DuoClean <sup>™</sup> - CapSure® - IONX® ectant Technology: VersaHOCI® <b>VersaHOC</b> I
A		ADVANCED WIPER TECHNOL	DGY

## CLEANROOM CONTAMINATION FUNDAMENTALS WHAT YOU CAN'T SEE CAN HURT YOU



**INVISIBLE** & VISIBLE CONTAMINATION

> SKIN PARTICLES FIBERS DUST GREASE BACTERIA VIRUSES METALS FUNGI NVRS IONS FILMS

## WHAT CAN YOU DO?

Follow a validated cleaning protocol with written SOPs

Choose and use qualified wipers and other cleanroom cleaning supplies

#### REMEMBER

Inappropriate cleanroom supplies can be a source of contamination, not a solution for controlling contamination

## WIPER TEST METHODS

#### **CLEANLINESS**

#### Fibers

A wiper is "washed" 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  $\geq$  100µm per square centimeter of wiper. [IEST-RP. CC004.4, Section 7.1.3/7.2.2 - modified]

A wiper is "washed" in water using an orbital shaker for five minutes. The fibers released into the water are filtered onto a membrane and counted microscopically. The results are expressed as fibers  $\geq$  100µm per square centimeter of wiper. [IEST-RP. CC004.4, Section 7.1.3/7.2.2 - modified]

#### **Particles**

A wiper is "washed" in water using a biaxial shaker for five minutes. A liquidborne particle counter then tallies the particles released into the water. By dividing the total number of particles released by the area of the wiper, the results are expressed as particles  $\geq$  0.5µm per square centimeter of wiper. [IEST-RP.CC004.4, Section 7.1.3 / Section 7.2.1]

A wiper is "washed" in water using an orbital shaker for five minutes. A liquidborne particle counter then tallies the particles released into the water. By dividing the total number of particles released by the area of the wiper, the results are expressed as particles  $\geq$  0.5µm per square centimeter of wiper. [IEST-RP.CC004.4, Section 7.1.3 / Section 7.2.1] SKU specific test results can be found on Product Information Sheets located at berkshire.com

#### Airborne Particle/ Helmke Drum Test

Under controlled conditions, ten wipers are tumbled in a rotating drum to release particles from the wiper fabric. An airborne particle counter counts released particles and results are expressed as the number of particles per wiper per cubic foot of air sampled. [IEST-RP-CC003.4 Section B2.5]

#### CAPACITY

#### Capacity

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.CC004.4, Section 9.1 modified-Section 9.2 - 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.

#### Rate

This test is a measurement of the time it takes a wiper to absorb a liquid. Results are expressed in seconds.

#### PURITY

#### 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.CC004.4, Section 8.1.2]

#### **Metallic Ions**

lons are extracted in deionized water and quantitatively analyzed by lon Chromatography. Results are stated in parts per million (ppm). [IEST-RP. CC004.4, Section 8.2.2.]

Attribute		Units	Value	Test Method
Basis Weight		g/m²	134	TAPPI T-410
Caliper		μm	506	TAPPI T-411
Fibers	≥100µm	fibers/cm <sup>2</sup>	0.017	IEST-RP.CC004.4, Sec 7.1.3 / Sec 7.2.2 modified
Particles	≥0.5µm	x10 <sup>3</sup> /cm <sup>2</sup>	0.57	IEST-RP.CC004.4, Sec 7.1.3 / Sec 7.2.1 modified
Sorbency	Capacity Efficiency Rate	mL/m² mL/g seconds	371 2.8 1	IEST-RP.CC004.4, Sec 9.1 /Sec 9.2 modified
Non-Volatile Residue	DI Water IPA	g/m² g/m²	0.0032 0.011	IEST-RP.CC004.4, Sec 8.1.2
lons	Na+ K+ Ca++ Mg++ Cl-	ppm ppm ppm ppm ppm	0.0059 0.00089 0.0070 0.00013 0.011	IEST-RP.CC004.4, Sec 8.2.2

## **CHOOSE YOUR WIPER SUBSTRATE**

### NONWOVENS

#### **ADVANTAGES**

Natural and synthetic Good strength More absorbent than knitted Very consistent

Works well with bleaches, phenols, quaternary ammonium compounds

Less expensive than knitted

#### **BERKSHIRE OPTIONS**

55% cellulose/45% polyester 100% cotton 100% polyester 45% cellulose/55% polyester 60% cellulose/40% polyester 58% polyester/42% lyocell 100% polypropylene 60% polypropylene/ 40% cellulose 100% polyurethane foam 50% rayon/50% polyester 80% abaca/20% wood pulp 100% manila hemp 70% rayon/30% manila hemp

#### **ADVANTAGES**

Tubular/sealed edge means low particle and fibers

Typically nonabrasive

Extremely pure

Durability better than nonwovens

Absorbent

Works well with bleaches, phenols,

quaternary ammonium compounds

Low NVRs and ionic levels

BERKSHIRE OPTIONS

100% continuous filament polyester 100% polyester microfiber

#### **ADVANTAGES**

Particle, fiber levels of laundered knits are lower than nonwovens

Typically nonabrasive

Extremely pure

Durability better than nonwovens

Absorbent

Works well with bleaches, phenols, quaternary ammonium compounds Low NVRs and ionic levels

**BERKSHIRE OPTIONS** 100% continuous filament polyester

#### CONSIDERATIONS

CONSIDERATIONS

Higher levels of fiber and particle contamination

Poor in abrasive conditions

Cannot be laundered

Laundered sealed edge wipers are more expensive.

Not as absorbent as nonwovens

#### **DID YOU KNOW?**

Nylon microfiber has an incredibly soft hand

70% polyester/30% nylon microfiber 80% polyester/20% nylon microfiber

#### CONSIDERATIONS

Laundered wipers are more expensive

Higher in fibers than sealed edge version

Not as absorbent as nonwovens

ION-STANDARD OPTIONS AVAILABLI new substrate, special size, packaging configuration, and saturation level

KNITTED/ LAUNDERED/ UNSEALED EDGE

KNITTED/ LAUNDERED/ SEALED EDGE

A breakthrough patented wiper technology from Berkshire, CapSure<sup>®</sup> features an innovative surface treatment process that enables wipers to **capture and retain** more contaminant particles, providing a more effective wipe and reducing the risk of recontamination.

#### **CAPSURE® - LP EDGE**

#### 4-sided sealed border

- Increased durability
- Minimizes fiber & particle release during use

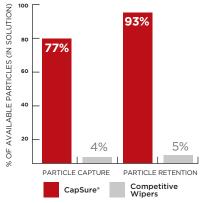
#### Patented surface treatment

 Captures and retains particle contamination

#### Made from the ValuSeal® - LP substrate

- Critically low particles, fibers, ions and extractables
- Combination of weight and caliper provide an excellent hand for cleaning rough surfaces





#### BCR<sup>®</sup> DUOCLEAN™

BCR<sup>®</sup> DuoClean<sup>™</sup> is an Advanced Cleaning System with a dual action line of wipes and chemistries<sup>\*\*</sup> featuring our patent pending burstable dry-to-wet pouch.

- Wipes and chemistry are activated at point of use
- Easy repacking of contaminated or unused wipes with the peel and reseal pack
- Use the 15 wipe pack the same shift/session
- 3% & 6% hydrogen peroxide with DI H<sub>2</sub>O
- 0.525% sodium hypochlorite with DI H<sub>2</sub>O

\*\*The CDC and OSHA recognizes sodium hypochlorite and hydrogen peroxide for surface disinfection.



PSURE

SEE OUR

)uoClean

SEE OUR

PRODUCT

**DEMO VIDEO** 

PRODUCT

DEMO VIDEO

#### VALUSEAL® IONX®

- IonX<sup>®</sup> An advanced proprietary ISO Class 4 cleanroom laundry process.
- Ultra-low levels of ionic extractables and leachables

#### Laser sealed edges

• Minimizes fiber & particle release during use

#### Lightweight substrate design

• Reduces actual cost in use compared to heavier weight wipers

## DRY WIPER SELECTION GUIDE

1 EXCELLENT 3 FAIR GOOD A NR

#### KNITTED WIPERS - LOT TO LOT TRACEABILITY - AUTOCLAVABLE

#### ISO CLASS 3-5 | CLEANROOM CLASS 1-100 | EU GRADE B/C/D

ISO CLASS 3-5   CLEANROOM CL	EU GRADE B/C/D					
PRODUCT/SUBSTRATE	STERILE OPTION	ABSORBENCY	ABRASION RESISTANCE	SENSITIVE SURFACES	LOW- LINTING	SOLVENT COMPATIBLE
CAPSURE <sup>®</sup> -LP Edge				1	1	
100% continuous filament polyester						
CAPSURE <sup>®</sup> -LP		1	1	1	1	1
100% continuous filament polyester						
CAPSURE <sup>®</sup> -VP			1	1	1	
100% continuous filament polyester						
MICROSEAL <sup>®</sup> 1200	•					
100% continuous filament polyester	•	2		1		
MICROSEAL <sup>®</sup> Antistatic		2	1	1	1	1
100% continuous filament polyester		2				
		2	1	1		1
100% continuous filament polyester						
MICROSEAL SUPERSORB®		1		1		
100% continuous filament polyester						•
MICROSEAL <sup>®</sup> VP	•	2	1	1	1	1
100% continuous filament polyester	•					<b>–</b>
ULTRA-SEAL <sup>®</sup> 3000	•	1	1	1		
100% continuous filament polyester	•					•
VALUSEAL <sup>®</sup> 1500		2	1	1	1	1
100% continuous filament polyester						<b>–</b>
VALUSEAL-HA®		2	1	1	1	
100% continuous filament polyester		4				<b></b>
VALUSEAL-IONX <sup>®</sup>		2	1	1		1
100% continuous filament polyester						
VALUSEAL <sup>®</sup> -LP		2				
100% continuous filament polyester						

#### ISO CLASS 4-5 | CLEANROOM CLASS 10-100 | EU GRADE B/C/D

PRODUCT/SUBSTRATE	STERILE OPTION	ABSORBENCY	ABRASION RESISTANCE	SENSITIVE SURFACES	LOW- LINTING	SOLVENT COMPATIBLE
		2	1	1	1	1
100% polyester microfiber		-	_			-
MICROPOLX <sup>®</sup> 2750						
70% polyester/30% nylon microfiber						
MICROPOLX <sup>®</sup> 4000-HP		2				
80% polyester/20% nylon microfiber						
SUPER POLX <sup>®</sup> 1200	•	2				
100% continuous filament polyester	•					
SUPER POLX® 1500				1		
100% continuous filament polyester						

#### ISO CLASS 5-8 | CLEANROOM CLASS 100-100,000 | EU GRADE B/C/D

PRODUCT/SUBSTRATE	STERILE OPTION	ABSORBENCY	ABRASION RESISTANCE	SENSITIVE SURFACES	LOW- LINTING	SOLVENT COMPATIBLE
MICROPOLX <sup>®</sup> 1900 75% polyester/25% nylon microfiber		2	1	1	2	1
<b>POLX® 1200</b> 100% continuous filament polyester		2	1	1	2	1

#### **ISO CLASS 3-5**

#### CLEANROOM CLASS 1-100 | EU GRADE B/C/D

#### CapSure®-LP Edge

100% continuous filament polyester knit CapSure®-LP Edge wiper features four sealed-edge sides and is specially engineered for superior surface cleaning.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
CPLPE.0909.8	9x9" (23x23cm)	150	8
CPLPE.0909B.8	9x9" (23x23cm)	150 (BULK)	8

Sealed Border Edge, Cleanroom Laundered

#### CapSure<sup>®</sup>-LP

100% continuous filament polyester knit

CapSure®-LP wiper with the breakthrough CapSure® patented surface treatment technology

SIZE	SHEETS/PACK	PACKS/CASE
7x8" (18x20cm)	300 (BULK)	8
9x9" (23x23cm)	150	8
9x9" (23x23cm)	150 (BULK)	8
12x12" (30x30cm)	75	14
12x12" (30x30cm)	75 (BULK)	14
	7x8" (18x20cm) 9x9" (23x23cm) 9x9" (23x23cm) 12x12" (30x30cm)	7x8" (18x20cm)         300 (BULK)           9x9" (23x23cm)         150           9x9" (23x23cm)         150 (BULK)           12x12" (30x30cm)         75

Sealed Edge, Cleanroom Laundered

#### CapSure<sup>®</sup>-VP

100% continuous filament polyester knit Lightweight tightly knitted MicroSeal®-VP with the breakthrough CapSure® surface treatment technology

SKU	SIZE	SHEETS/PACK	PACKS/CASE
CPSVP.0708B.8	7x8" (18x20cm)	300 (BULK)	8
CPSVP.0909.8	9x9" (23x23cm)	150	8
CPSVP.0909B.8	9x9" (23x23cm)	150 (BULK)	8
CPSVP.1212.14	12x12" (30x30cm)	75	14
CPSVP.1212B.14	12x12" (30x30cm)	75 (BULK)	14

Sealed Edge, Cleanroom Laundered

#### MicroSeal® 1200

100% continuous filament polyester knit

MicroSeal® 1200 is a highly absorbent versatile general purpose wiper with an excellent hand for cleaning rough surfaces

SKU	SIZE	SHEETS/PACK	PACKS/CASE
MS1200.0404B.10	4x4" (10x10cm)	600 (BULK)	10
MS1200.0909.8	9x9" (23x23cm)	100	8
MS1200.0909B.8	9x9" (23x23cm)	100 (BULK)	8
MS1200.1212.6	12x12" (30x30cm)	100	6

Sealed Edge, Cleanroom Laundered

#### MicroSeal<sup>®</sup> Antistatic

100% continuous filament polyester knit MicroSeal® Antistatic is manufactured with antistatic fiber which attracts and dissipates static charges.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
MSNW090910	9x9" (23x23cm)	150	10
Sealed Edge	, Cleanroom La	undered	

#### MicroSeal<sup>®</sup> LI

100% continuous filament polyester knit A proprietary ISO Class 4 cleanroom laundry process helps ensure ultra low NVR and ionic contaminate levels.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
MSLI090910	9x9" (23x23cm)	150	10

Sealed Edge, Cleanroom Laundered

#### MicroSeal SuperSorb®

100% continuous filament polyester knit MicroSeal SuperSorb® 2-ply construction diamond pattern make this the most absorbent polyester wiper available

SKU	SIZE	SHEETS/PACK	PACKS/CASE
MSSS.0909.8	9x9" (23x23cm)	100	8
MSS09098LE*	9x9" (23x23cm)	100	8
MSSS09098AS*	9x9" (23x23cm)	50	8
MSSS.1212.12	12x12" (30x30cm)	50	12
MSSS121212AS*	12x12" (30x30cm)	100	12

Sealed Edge, Cleanroom Laundered.

\*Meets AMS 3819D, Class 4, Grade A, Form 1 requirements

#### MicroSeal SuperSorb<sup>®</sup> LITE

MicroSeal SuperSorb® LITE is a lightweight version of the highly absorbent MicroSeal SuperSorb®

SKU	SIZE	SHEETS/PACK	PACKS/CASE
SSLT.0909.14	9x9" (23x23cm)	100	14
SSLT.0909B.14	9x9" (23x23cm)	100 (BULK)	14
SSLT.1212.16	12x12" (30x30cm)	50	16
SSLT.1212B.16	12x12" (30x30cm)	50 (BULK)	16

Sealed Edge, Cleanroom Laundered

#### MicroSeal®-VP

100% continuous filament polyester knit MicroSeal®-VP is a lightweight wiper with a tightly knit material design that reduces the actual cost in use compared to heavier weight products and minimizes abrasion of components.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
MSVP.0708B.8 MSVP.0909.8	7x8" (18x20cm) 9x9" (23x23cm)	300 (BULK) 150	8 8
MSVP09098LE*	9x9" (23x23cm)	150	8
MSVP.0909B.8	9x9" (23x23cm)	150 (BULK)	8
MSVP.1212.14	12x12" (30x30cm)	75	14
MSVP.1212B.14	12x12" (30x30cm)	75 (BULK)	14
MSVP181812	18x18" (46x46cm)	20	12
GWVPST25*	12x12" (30x30cm)	20	25
GWVPST0940*	9x9" (23x23cm)	20	40

Sealed Edge, Cleanroom Laundered

#### Ultra-Seal® 3000

100% continuous filament polyester knit Ultra-Seal® 3000 is a 2-ply pinsonic tubular wiper, constructed using a patented sealed edge process resulting in reduced fiber generation and superior absorbency

SKU	SIZE	SHEETS/PACK	PACKS/CASE
US3000.0909.8	9x9" (23x23cm)	100	8
US3000.1212.6	12x12" (30x30cm)	100	6
GW300ST25*	12x12" (30x30cm)	10	25

Sealed Border Edge, Cleanroom Laundered

\* Sterile Version

10

#### ValuSeal® 1500

100% continuous filament polyester knit Lightweight, high absorbency material design reduces actual cost in use compared to heavier weight products

SKU	SIZE	SHEETS/PACK	PACKS/CASE
VS1500.0909.8	9x9" (23x23cm)	150	8
VS1500.0909B.8	9x9" (23x23cm)	150 (BULK)	8

Sealed Edge, Cleanroom Laundered

#### ValuSeal-HA®

100% continuous filament polyester knit

Lightweight and absorbent construction with strong tear and abrasion resistance

Sh-				
SKU	SIZE	SHEETS/PACK	PACKS/CASE	
VSHA.0909.8	9x9" (23x23cm)	150	8	
VSHA.0909B.8	9x9" (23x23cm)	150 (BULK)	8	
VSHA.1212.14	12x12" (30x30cm)	75	14	
VSHA.1212B.14	12x12" (30x30cm)	75 (BULK)	14	

Sealed Edge, Cleanroom Laundered

#### ValuSeal® IonX®

#### 100% continuous filament polyester knit

ValuSeal® lonX $^{\circledast}\,$  is manufactured using a proprietary ISO Class 4 cleanroom laundry process ensuring ultra-low NVR and ionic contamination levels.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
VSI.0708B.14	7x8" (18x20cm)	150 (BULK)	14
VSI.0909.14	9x9" (23x23cm)	150	14
VSI.0909B.14	9x9" (23x23cm)	150 (BULK)	14

Glove liners enhance operator comfort by reducing perspiration and contact/heat dermatitis associated with wearing latex and nitrile gloves.

Sealed Edge, Cleanroom Laundered

#### ValuSeal®-LP

100% continuous filament polyester knit Critically low particles, fibers, ions and extractables

SKU	SIZE	SHEETS/PACK	PACKS/CASE
VSLP.0909.8	9x9" (23x23cm)	150	8
VSLP.0909B.8	9x9" (23x23cm)	150 (BULK)	8
VSLP.1212.14	12x12" (30x30cm)	75	14
VSLP.1212B.14	12x12" (30x30cm)	75 (BULK)	14

Sealed Edge, Cleanroom Laundered



#### ISO CLASS 4-5 CLEANROOM CLASS 10-100 | EU GRADE B/C/D

#### MicroPolx® 1100

#### 100% polyester microfiber

MicroPolx<sup>®</sup> 1100 has microfiber yarn with 3 times the yarn surface area of standard polyester cleanroom wipers. Its soft smooth surface is suitable for cleaning senstive or scratch prone surfaces.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
MP1100090914	9x9" (23x23cm)	150	14
MP1100121210	12X12" (30X30cm)	150	10

Sealed Edge, Cleanroom Laundered

#### MicroPolx® 2750

#### 70% polyester/30% nylon microfiber

MicroPolx® 2750 is manufactured with ultrafine microfiber yarn with wedge shaped fiber cross sections that lift, entrap and remove particulates from critical surfaces. Soft hand and non-abrasive ultrasonic sealed edge are excellent for sensitive or scratch prone surfaces.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
MPX2750.0909.10	9x9" (23x23cm)	100	10

Sealed Edge, Cleanroom Laundered

#### MicroPolx<sup>®</sup> 4000-HP

potentially harmful solvents.

80% polyester/20% nylon microfiber MicroPolx® 4000-HP removes oily soils with little or no solvent required. The wiper's high fiber surface minimizes the need for

SKU	SIZE	SHEETS/PACK	PACKS/CASE
MP4000HP060640	6x6" (15x15cm)	25	40
MP4000HP090910	9x9" (23X23cm)	50	10

Sealed Edge, Cleanroom Laundered

#### ISO CLASS 5-8

CLEANROOM CLASS 100-100,000 | EU GRADE B/C/D

#### MicroPolx® 1900

#### 75% polyester/25% nylon microfiber

MicroPolx® 1900, ultra-fine, wedge-shaped polyester and nylon filaments, removes oils and soils better than a traditional wiper.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
MP1900090910	9x9" (23x23cm)	100	10
MP1900121218	12x12" (30x30cm)	100	18

Sealed Edge, Cleanroom Laundered

#### Super Polx® 1200

#### 100% continuous filament polyester knit

Super Polx® 1200 absorbs three times its own weight and is durable for abrasive wiping.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
S1200.0404.10	4x4" (10x10cm)	600 (BULK)	10
S1200.0606.9	6x6" (15x15cm)	300	9
S1200.0708B.8	7x8" (18x20cm)	300 (BULK)	8
S1200.0909.8	9x9" (23x23cm)	150	8
S1200.0909B.8	9x9" (23x23cm)	150 (BULK)	8
S1200.1212.14	12x12" (30x30cm)	75	14
S1200.1212B.14	12x12" (30x30cm)	75 (BULK)	14
GW120ST0940*	9x9" (23x23cm)	20	40
GW120ST15*	12x12" (30x30cm)	20	15

Knife Cut, Cleanroom Laundered

#### Super Polx® 1500

#### 100% continuous filament polyester knit

Super Polx® 1500 absorbs two times its own weight and is lightweight and economical.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
S1500.0909.8	9x9" (23x23cm)	150	8
S1500.0909B.6	9x9" (23x23cm)	150 (BULK)	6

Knife Cut, Cleanroom Laundered



#### Polx® 1200

#### 100% continuous filament polyester knit

Polx<sup>®</sup> 1200 bridges the gap between more expensive laundered wipers and lower cost less critical nonwovens.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
P1200.0404.18	4x4" (10x10cm)	150	18
P1200.0909.8	9x9" (23x23cm)	150	8
P1200.0909B.1	9x9" (23x23cm)	1200 (BULK)	
P1200.1212.14	12x12" (30x30cm)	75	14

Knife Cut Edge, Unlaundered

#### NONWOVEN WIPERS - LOT TO LOT TRACEABILITY - AUTOCLAVABLE

#### **ISO CLASS 5-8**

CLEANROOM CLASS 100-100,000 | EU GRADE B/C/D

	<b>3</b> FAIR
2 GOOD	4 NR

PRODUCT/SUBSTRATE	STERILE OPTION	ABSORBENCY	ABRASION RESISTANCE	SENSITIVE SURFACES	LOW- LINTING	SOLVENT COMPATIBLE
BLUESORB® 750 55% cellulose/45% polyester		1	2	2	2	2
DURX <sup>®</sup> 570 55% cellulose/45% polyester		1	2	2	2	2
<b>DURX® 670</b> 55% cellulose/45% polyester	•	1	2	2	2	2
<b>DURX® 770</b> 55% cellulose/45% polyester		1	2	2	2	2
ECOCLEAN® 35 100% cotton		1	2	2	2	2
ECOCLEAN <sup>®</sup> 60 100% cotton		1	2	2	2	2
MICROFIRST <sup>®</sup> 45% cellulose/55% polyester		1	2	2	2	2
MICROFIRST <sup>®</sup> LP 58% polyester/42% lyocell	٠	1	1	1	2	2
POLX® NONWOVEN 100% polyester	٠	2	1	1	2	1
PROJX <sup>®</sup> 700 55% cellulose/45% polyester		1	2	2	2	2
<b>PRO-WIPE® 750</b> 60% polypropylene/40% cellulose		1	2	1	1	2
PRO-WIPE <sup>®</sup> 880 100% polypropylene		2	2	1	1	1
VALUCLEAN® PLUS 50% rayon/50% polyester (not autoclavable	2)	1	2	2	2	2

#### BlueSorb® 750 55% cellulose/45% polyester

BlueSorb® 750's color allows differentiation for guarding against migration into critical areas as well as providing background differentiation for product inspection.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
BS750.0404.40	4x4" (10x10cm)	300	40
BS750.0909.20	9x9" (23x23cm)	300	20
BS750.1212.20	12x12" (30x30cm)	150	20

Blue color, smooth, absorbent and durable

#### Durx® 570 55% cellulose/45% polyester

Durx<sup>®</sup> 570 is a lightweight, economical, general purpose wiper that is smooth, highly absorbent and durable

SKU	SIZE	SHEETS/PACK	PACKS/CASE
DR570.0708.36	7x8" (18x20cm)	300	36
DR570.0909.10	9x9" (23x23cm)	300	10
DR570.0909.20	9x9" (23x23cm)	300	20
DR570.1212.10	12x12" (30x30cm)	150	10
DR570.1212.20	12x12" (30x30cm)	150	20

No binders or chemical additives

#### Durx<sup>®</sup> 670

55% cellulose/45% polyester

Durx<sup>®</sup> 670 is an economical general purpose wiper that is smooth, highly absorbent and durable. Disks available.

SIZE	SHEETS/PACK	PACKS/CASE
4x4" (10x10cm)	1200	10
4x4" (10x10cm)	300	40
7x7" (18x18cm)	300	12
7x7" (18x18cm)	300	45
7x8" (18x20cm)	300	36
9x9" (23x23cm)	300	20
9x9" (23x23cm)	300	20
12x12" (30x30cm)	150	20
12x12" (30x30cm)	150	20
18x18" (46x46cm)	150	10
3x3" (8x8cm) Disk	150	32
4x4" (10x10cm) Disk	150	18
5x5" (12x12cm) Disk	150	20
6x6" (15x15cm) Disk	150	20
9x9" (23x23cm)	20	80
12x12" (30x30cm)	20	25
12x12" (30x30cm)	5	60
	4x4" (10x10cm) 4x4" (10x10cm) 7x7" (18x18cm) 7x7" (18x18cm) 7x8" (18x20cm) 9x9" (23x23cm) 9x9" (23x23cm) 12x12" (30x30cm) 12x12" (30x30cm) 18x18" (46x46cm) 3x3" (8x8cm) Disk 4x4" (10x10cm) Disk 5x5" (12x12cm) Disk 6x6" (15x15cm) Disk 9x9" (23x23cm) 12x12" (30x30cm)	4x4" (10x10cm)       1200         4x4" (10x10cm)       300         7x7" (18x18cm)       300         7x7" (18x18cm)       300         7x8" (18x20cm)       300         9x9" (23x23cm)       300         9x9" (23x23cm)       300         9x9" (23x23cm)       300         9x4" (23x23cm)       300         12x12" (30x30cm)       150         12x12" (30x30cm)       150         18x18" (46x46cm)       150         3x3" (8x8cm) Disk       150         5x5" (12x12cm) Disk       150         5x6" (15x15cm) Disk       150         9x9" (23x23cm)       20         12x12" (30x30cm)       20

\*Meets AMS 3819, class 2, grade A, Form 1 - QPL-BMS-15-5 FDA 21-CFR, Food Contact Compliant

#### **Durx® 770**

#### 55% cellulose/45% polyester

Durx® 770 is a treated wiper for applications requiring lower fiber and particle counts than average nonwovens.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
DR770.0404.40	4x4" (10x10cm)	300	40
DR770.0707.45	7x7" (18x18cm)	300	45
DR770.0909.20	9x9" (23x23cm)	300	20
DR770.1212.20	12x12" (30x30cm)	150	20
DR770.1818.10	18x18" (46x46cm)	150	10

Enhanced with an ultra low particle and fiber treatement

#### EcoClean® 35

#### 100% nonwoven cotton

EcoClean® 35 is 1/4 folded to fit the hand and promote proper wiping technique. The aperatured surface aids in particle pick up and entrapment. Excellent gauze replacement.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
ECW35.0505.30	10x10"(1/4 folded)	100	30

FDA 21 CFR, Food Contact Compliant,

#### EcoClean® 60

#### 100% nonwoven cotton

EcoClean® 60 is excellent for sensitive surfaces and high temperature applications. It has high strength and resists build up of static charge.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
ECW60.0909.20	9x9" (23x23cm)	300	20
ECW60.1212.20	12x12" (30x30cm)	150	20

FDA 21 CFR, Food Contact Compliant,

#### MicroFirst<sup>®</sup> 45% cellulose/55% polyester

MicroFirst<sup>®</sup> is aperatured for increased absorbency and increased surface texture for improved cleaning efficiency.

SIZE	SHEETS/PACK	PACKS/CASE
9x9" (23x23cm)	300	20
12x12" (30x30cm)	150	20
	9x9" (23x23cm)	9x9" (23x23cm) 300

Durable with high wet strength

#### MicroFirst<sup>®</sup> LP

#### 58% polyester/42% lyocell

MicroFirst® LP has the highest combination of purity and absorbency available in nonwovens. It is soft and excellent for wiping delicate surfaces. It is the cleanest nonwoven option.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
MFLP.0909.12	9x9" (23x23cm)	150	12
MFLP090912LE*	9x9" (23x23cm)	150	12
GWMFLPST25LE*	9x9" (23x23cm)	20	25
SPXMFLP00112LE*	9x9" (23x23cm)	75	12
SSPXMFLP00124LE	*9x9" (23x23cm)	30	24

No binders or chemical additives

Sterile Version

#### PolX<sup>®</sup> Nonwoven

#### 100% Polyester

Polx® is an extremely soft and pliable wiper ideal for many types of sensitive surfaces. It is an exceptional choice for streak-free cleaning.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
PNW040440	4x4" (10x10cm)	250	40
PNW090920	9x9" (23x23cm)	250	20
PNW121220	12x12" (30x30cm)	150	20
GWPNWST1242*	12x12" (30x30cm)	25	42

No cellulose components, 100% synthetic

#### ProjX<sup>®</sup> 700

#### 55% cellulose/45% polyester

 $ProjX^{\oplus}$  700 is a lightweight industrial wiper. It has the excellent combination of synthetic polyester strength and cleanliness with the absorbency characteristics of cellulose.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
PJ700.0909.20	9x9" (23x23cm)	200	20
PJ700.1212.20	12x12" (30x30cm)	150	20
Cranad daais	n far in aroond		

Creped design for increased absorbency

#### Pro-Wipe® 750

#### 60% polypropylene/40% cellulose

Pro-Wipe® 750 is a multi-layer composite wiper with a cellulose layer thermally bonded between the two polypropylene outer layers, resulting in an extremely durable and pure, solvent resistent industrial wiper with very low particle and fiber generation.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
PW750.0404.20	4x4" (10x10cm)	400	20
PW750.0909.20	9x9" (23x23cm)	150	20
PW750.1212.20	12x12" (30x30cm)	75	20

FDA 21 CFR, Food Contact Compliant







#### NONWOVEN WIPERS - LOT TO LOT TRACEABILITY - AUTOCLAVABLE



#### Pro-Wipe® 880

100% polypropylene Pro-Wipe® 880 is composed of multiple layers of polypropylene thermally bonded in a quilted construction. This combination results in exceptional cleanliness, absorbency, and chemical resistance to strong solvents, including **acids**.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
PW880.0606.48	6x6" (15x15cm)	100	48
PW880.0810.12	8x10" (20x25cm)	100	12
PW880.1212.12	12x12" (30x30cm)	100	12

FDA 21 CFR, Food Contact Compliant

#### ValuClean® Plus

#### 50% rayon/50% polyester

ValuClean<sup>®</sup> Plus is a high absorbency wiper compared to typical cellulose/polyester nonwovens. Its soft hand and low fiber shedding performance make it a good choice in critical cleaning applications where economy is important.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
VCLP.0707.45	7x7" (18x18cm)	300	45
VCLP.0909.20	9x9" (23x23cm)	300	20
VCLP.1212.20	12x12" (30x30cm)	150	20

EXCELLENT

GOOD

FAIR

NR

Rayon content for high absorbency (not autoclavable)

#### SPECIALTY WIPERS - LOT TO LOT TRACEABILITY - AUTOCLAVABLE

#### **ISO CLASS 6-8**

CLEANROOM CLASS 1000-100,000 | EU GRADE C/D

PRODUCT/SUBSTRATE	STERILE OPTION	ABSORBENCY	ABRASION RESISTANCE	SENSITIVE SURFACES	LOW- LINTING	SOLVENT COMPATIBLE
LABX <sup>®</sup> 123		0	6			
is 100% manila hemp		2	3		2	
LABX <sup>®</sup> 170		2			2	6
80% abaca (manila hemp)/20% wood	pulp		3			
LENSX <sup>®</sup> 90		2			2	2
70% rayon/30% abaca (manila hemp)			3			
TWILLX <sup>®</sup> 1622					6	0
70% rayon/30% abaca (manila hemp)				3	3	

#### Labx® 123

#### 100% manila hemp

Labx<sup>®</sup> 123 is a wiper engineered to be lightweight and low linting. It has excellent wet strength.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
LB123.0707.20	7x7" (18x18cm)	1000	20
LB123.0909.60	9x9" (23x23cm)	500	60
LB123.1212.30	12x12" (30x30cm)	500	30

Meets government specification AA-50177, Type 1, Class 5

#### Labx® 170

#### 80% abaca (manila hemp)/20% wood pulp

Labx<sup>®</sup> 170 is a cleaner alternative to industrial tissues and wipers. It has excellent wet strength, is low linting and is highly absorbent.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
LB170.0707.28	7x7" (18x18cm)	500	28
LB170.0909.40	9x9" (23x23cm)	500	40
LB170.1212.20	12x12" (30x30cm)	500	20
LB170.1818.10	18x18" (46x46cm)	500	10

Meets government specification AA-50177, Type 1, Class 4

#### Lensx<sup>®</sup> 90\*

#### 70% rayon/30% manila hemp

Lensx® 90 is a nonabrasive wiper engineered for extreme softness and for use in cleaning delicate surfaces.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
LN90.0406.24	4x6" (10x15cm)	1000	24
LN90.0909.16	9x9" (23x23cm)	1000	16
LN90.1212.4	12x12" (30x30cm)	1000	4
LN9024365	24x36" (61x91cm)	1000	5

Meets government specification AA-50177, Type 1, Class 1

#### Twillx<sup>®</sup> 1622

#### 100% woven cotton

Twillx® 1622 is engineered for thermal stability and high heat applications. It is highly sorbent and durable.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
T1622.0909.8	9x9" (23x23cm)	300	8
T1622.1212.4	12x12" (30x30cm)	150	4

Sturdy, durable and highly sorbent

#### ISO CLASS 3-5 CLEANROOM CLASS 1-100 | EU GRADE B/C/D



#### **PureSorb**®

#### 100% polyurethane foam

PureSorb<sup>®</sup> iis a 100ppi polyurethane open cell (reticulated) foam wiper. It is laundered and hydrophilic. The thickness of the wiper is 0.15 inch.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
PS040520	4x5" (10x13cm)	50	20
PS06098	6x9" (15x23cm)	50	8

Extremely pure and clean

#### **DID YOU KNOW?**

PureSorb<sup>®</sup> has an "Easy Open Notch". It is double bagged with an opaque white outer bag that prevents light from reaching the product, preventing discoloration.





WHAT IS A HYDROPHILIC CLEANROOM WIPER?

#### DOWNLOAD BERKSHIRE'S WIPER CHEMICAL COMPATIBILITY CHART



#### BERKSHIRE WIPER CHEMICAL COMPATIBILITY CHART

(SEE ADDITIONAL INFO ON OVERLEAF)	COMPATIBLE DERICHARE PRODUCT GROUPS (DEE OVERLEAF)	CHEMICALS
Bromet use with Product Group D which confacts replan. Unit contact times with Product Groups \$750,00,04 and 1, which contact calculate	ABCERDAUKLH	Acetic Acid 15
Lind codat (sea with Reduct Group # - proportione	ARCHEOGRAUMUM	Adetone Alse including: Methyl Ethyl Ketone (MEK) Methyl Isoburgi Katone (MEK)
Useful for removing oils and groups. So not yes with mobility once 2 which contains ryles.	ABODINUM	Carbon Tetrachieride Alas instuding other chlorinated organics such as: Obserform Michylene Officiale Perchloriothylene Trichloriothylene Trichloriothylene
Useful for removing oils and present.	ABEDERGRUNDEN	Hexane Also including: Percane Cyclohoxane Heptane
Silvere's a converse impedient in Opphases	ARCENTRALIC	Toluena
De not use with Product Group 0 which-contains rytox Land contact times with Product Groups 5/55.7(1),04 and 1, which solution collisions.	ABCERGALIALM	Hydrochioric Acid IN
Useful for disinfecting surfaces	ABEDEKGHUJKUM	Hydrogen perceide 3 -5%
Maximum concentration of butand in autor a 95	ABLDERGOLIALM	Isopropanol 1N-90N Able including Methanal, Ethanol, Propanal and Dutanol
Updu far deinfecting surfaces. Mes need follow on wipe down with 76% terphopeno to remove sait residues.	ABLINDGRUND	Guetemary Ammonium Salt solutions 0.5%
Product Groups C (pulsariagurenc) and M (polyurarbanc) can have lengthy explorate times. Limit exposure times for all other product groups to known wither deprediction.	ARCHINGRUNG	Sodium Hydroxide IN Also including: Potassium Hydroxide 75 Ammonium Hydroxide 76
Units for districting surfaces	ABLDEFENJIKLM	Sodium Hypochlorita 0.5%
Al wijer Product Groups are competible	ABLDEFENJALM	Water

## SATPAX<sup>®</sup> PRESATURATED WIPERS GUIDE





"PRE-WETTED WIPERS OPTIMIZED FOR APPLICATION-SPECIFIC CLEANING"



Sterile pre-wetted wipers have the lot # on each pack with a 3 year shelf life.

#### **ADVANTAGES**

Health & Safety - no mixing and storing of hazardous liquids

Contamination - minimize volatile organic compounds (VOCs)

Control - no over-spraying or wetting of surfaces

**Consistency** - problems associated with under-or over-wetting the wiper are eliminated

**Economy** - greater cleaning efficiency and cleaning protocol consistency and effectiveness can be obtained

#### DEFINITIONS

**DI (deionized) Water:** Water that has had its mineral ions removed, such as cations from sodium, calcium, iron, copper and anions such as chloride and bromide.

WFI (Water for Injection): USP Water for Injection is prepared from water complying with quality attributes of "Drinking Water." Purified by distillation or a purification process that is equivalent or superior to distillation in the removal of chemicals or microorganisms. WFI water is tested and certified to be at or below a certain level of endotoxins.

**IPA:** Isopropyl alcohol can be produced in several distinct grades. The two most commonly used in pre-wetted wipers are USP and Semiconductor grades. The primary difference between the two grades is the level of purification. Semiconductor grades have much more stringent requirements for metallic content and therefore are much purer in use. USP grade is typically used for sterile products while semiconductor grade is typically used in all other products.

**VOCs:** Volatile organic compounds (VOCs) are organic chemicals that have a high vapor pressure at ordinary room temperature. Their high vapor pressure results from a low boiling point, which causes large numbers of molecules to evaporate or sublimate from the liquid or solid form of the compound and enter the surrounding air.

SatPax<sup>®</sup> complies with the Globally Harmonized System of Classification and Labeling of Chemicals



#### **ISO CLASS 3-5**

CLEANROOM CLASS 1-100 | EU GRADE B/C/D

	TERILE PTION	PRODUCT FAMILY	SEALED BORDER	SEALED EDGE	CUT EDGE	SOLUTION OPTION	CANISTER OPTION
SATPAX® 3000 100% continuous filament polyester		Ultra-Seal® 3000	•			70% IPA/30% DI H <sub>2</sub> 0 9% IPA/91% DI H <sub>2</sub> 0	
SATPAX <sup>®</sup> MICROSEAL <sup>®</sup> - VP 100% continuous filament polyester		MicroSeal® -VP		٠		70% IPA/30% DI H <sub>2</sub> 0 100% IPA 6% IPA/94% DI H <sub>2</sub> 0	
SATPAX® VALUSEAL® HA-R 100% continuous filament polyester		ValuSeal® -HA		٠		70% IPA/30% DI H <sub>2</sub> 0	
SATPAX <sup>®</sup> VALUSEAL <sup>®</sup> LP 100% continuous filament polyester		ValuSeal® -LP		•		70% IPA/30% DI H <sub>2</sub> 0	
SATPAX® VALUSEAL® 1500 100% continuous filament polyester	•	ValuSeal® 1500		٠		70% IPA/30% DI H <sub>2</sub> 0 6% IPA/94% DI H <sub>2</sub> 0	
Sterile SATPAX <sup>®</sup> MICROSEAL <sup>®</sup> 1200 WFI 100% continuous filament polyester		MicroSeal® 1200		•		70% IPA/30% DI WFI	

#### SatPax® 3000

#### 100% continuous filament polyester

SatPax<sup>®</sup> 3000 is a 2-ply pinsonic tubular wiper, constructed using a patented sealed edge process resulting in reduced fiber generation. It is available in a consistent 70% IPA/30% DI H<sub>2</sub>0 and 9% IPA/91% DI H<sub>2</sub>0 solution.

SKU	SIZE	SHEETS/ Pack	PACKS/ CASE	SAT.	<b>VOC%</b>
SPX3000.001.12	9x9" (23x23cm)	30	12	33%	29%
SPX3000.002.12	9x9" (23x23cm)	30	12	28%	3.2%

Sealed Border Edge, Cleanroom Laundered, Resealable Packaging

#### SatPax® ValuSeal® HA-R

#### 100% continuous filament polyester

SatPax<sup>®</sup> ValuSeal<sup>®</sup> HA-R is presaturated with a consistent 70% IPA/30% DI H<sub>2</sub>O solution saturated at a 60% level. The higher saturation level is recommended for solution contact time in the regulated industries.

SKU	SIZE	SHEETS/ Pack	PACKS/ CASE	SAT.	VOC%
SPXHAR.01.8	12x12" (30X30cm)	25	8	65%	45%

Sealed Edge, Cleanroom Laundered, Resealable Packaging

#### SatPax® ValuSeal® 1500

#### 100% continuous filament polyester

SatPax® ValuSeal® 1500 is a lightweight wiper that is available presaturated with a consistent 70% IPA/30% DI  $\rm H_2O$  and 6% IPA/ 94% DI  $\rm H_2O$  solution.

SKU	SIZE	SHEETS/ Pack	PACKS/ CASE	SAT.	<b>VOC</b> %
SPXV1500.001.12	9x9" (23x23cm)	30	12	33%	35%
SPXV1500.004.12	9x9" (23x23cm)	30	12	33%	28%

Sealed Edge, Cleanroom Laundered, Resealable Packaging

#### SatPax<sup>®</sup> ValuSeal<sup>®</sup>-LP

100% continuous filament polyester SatPax<sup>®</sup> ValuSeal<sup>®</sup>-LP is presaturated with a consistent 70% IPA/ 30% DI H<sub>2</sub>O solution. It is critically low in particles, fibers, ions and extractables.

SKU	SIZE	SHEETS/ PACK	PACKS/ CASE	SAT.	<b>VOC</b> %
SPXVSLP.003.12	9x9" (23x23cm)	30	12	80%	23.4%

Sealed Edge, Cleanroom Laundered, Resealable Packaging

#### Sterile SatPax<sup>®</sup> MicroSeal<sup>®</sup> 1200 WFI

Sterile SatPax® MicroSeal® 1200 WFI is presaturated with a consistent 70% IPA/30% WFI (Water for Injection) to a high saturation level. It is triple packaged for easy entry into sterile environments. It is gamma irradiated and sterile validated to a 10<sup>-6</sup> Sterility Assurance Level per ANSI/AAMI/ISO guidelines.

SKU	SIZE	SHEETS/ Pack	PACKS/ CASE	SAT.	<b>VOC</b> %
SSPMS015WFI*	12x12" (30x30cm)	50	5	60%	24.4%

Sealed Edge, Cleanroom Laundered, Resealable Packaging

#### SatPax<sup>®</sup> MicroSeal<sup>®</sup>-VP

100% continuous filament polyester SatPax<sup>®</sup> MicroSeal<sup>®</sup> -VP is a lightweight wiper that is available presaturated with a consistent 70% IPA, 6% IPA\*, and 100% IPA (CMOS\*)

SKU	SIZE	SHEETS/ Pack	PACKS/ CASE	SAT.	<b>VOC%</b>
SPXVP00112	9x9" (23x23cm)	30	12	33%	28%
SPXVPR00112	9x9" (23x23cm)	30	12	60%	38%
SPXMSVP0028*	9x9" (23x23cm)	100	8	45%	54%
SPXMSVP0068*	6x9" (15x23cm)	180	8	45%	3.1%
SPXVP.003.6R	9x9" (23x23cm)	150	6	60%	43.7%
SPXVP00112LE*	9x9" (23x23cm)	30	12	60%	38%
SSPXVP00112LE*	9x9" (23x23cm)	30	12	60%	38%
SSPVP00124*	9x9" (23x23cm)	30	24	47%	39.5%
SSPVPR0124*	9x9" (23x23cm)	30	24	60%	43.2%

Sealed Edge, Cleanroom Laundered, Resealable Packaging

SKU	SIZE	TUBS/CASE	GAL/LITER
SPXTUB3	9.5x7.5x5" (24x19x13cm)	3	1G/4L

Resealable Tub

#### **ISO CLASS 4-5**

CLEANROOM CLASS 10-100 | EU GRADE B/C/D

PRODUCT/SUBSTRATE	STERILE OPTION	PRODUCT FAMILY	SEALED BORDER	SEALED EDGE	CUT EDGE	SOLUTION	OPTION	CANISTER OPTION
<b>SATPAX® 1200-R</b> 100% continuous filament polyester	٠	Super Polx® 1200	0		•	70% IPA/309	% DI H <sub>2</sub> O	
SatPax <sup>®</sup> 1200-R 100% continuous filament polyester			SKU	SIZE	SHEETS/ PACK	PACKS/ CASE	SAT.	VOC%
SatPax <sup>®</sup> 1200-R is presaturated with a consistent 70% IPA/30% DI H <sub>2</sub> O solution with a higher saturation level for solution contact time n the regulated industries. The sterile version is gamma irradiated		ntact time	SPX120R.001.12 SSP120000312	9x9" (23x23cm) 9x9" (23x23cm)	30 30	12 12	60% 60%	40.9% 40.9%

and sterile validated to a 10<sup>-6</sup> Sterility Assurance Level per ANSI/AAMI/ISO guidelines.

Knife Cut Edge, Cleanroom Laundered, Resealable Packaging

#### **ISO CLASS 5-8**

CLEANROOM CLASS 100-100,000 | EU GRADE B/C/D

PRODUCT/SUBSTRATE	STERILE OPTION	PRODUCT FAMILY	SEALED BORDER	SEALED EDGE	CUT EDGE	SOLUTION OPTION	CANISTER OPTION
<b>SATPAX® 550</b> 100% polypropylene	•				•	70% IPA/30% DI H <sub>2</sub> 0 100% IPA	
SATPAX <sup>®</sup> 570 55% cellulose/45% polyester		Durx <sup>®</sup> 570			•	70% IPA/30% DI H <sub>2</sub> 0	
SATPAX <sup>®</sup> 670-R 55% cellulose/45% polyester	•	Durx <sup>®</sup> 670			•	70% IPA/30% DI H <sub>2</sub> 0	
SATPAX <sup>®</sup> 1000 55% cellulose/45% polyester	•	Durx <sup>®</sup> 670			•	70% IPA/30% DI H 0 9% IPA/91% DI H 0 6% IPA/94% DI H 0	•
SATPAX <sup>®</sup> Stencil Cleaner 100% polyester nonwoven						Zestron Vigon® SC200	•
SATPAX <sup>®</sup> Polx <sup>®</sup> Nonwoven 100% polyester	•				•	70% IPA/30% DI H_0 9% IPA/91% DI H_0 99% IPA/1% DI H_0	•

#### SatPax® 1000

55% cellulose/45% polyester

SKU	SIZE	SHEETS/ Pack	PACKS/ CASE	SAT.	VOC%
SPX1000.001.12	9x9" (23x23cm)	75	12	45%	40%
SPX1000.011.12	9x9" (23x23cm)	75	12	45%	3.1%
SPX1000.002.12	9x9" (23x23cm)	75	12	45%	4.7%
SPX100001212**	6x9" (15x23cm)	100	12	45%	39.6%
SPXC100000112	6x9" (15x23cm)	100	12	45%	40%
SPXC10000112R	6x9" (15x23cm)	100	12	45%	40%
SPXC100000212	6x9" (15x23cm)	100	12	45%	4.7%
SPXC10000212R	6x9" (15x23cm)	100	12	45%	4.7%
SPXC10000512	6x9" (15x23cm)	100	12	45%	61%
SPXC10000512R	6x9" (15x23cm)	100	12	45%	61%
SSP100000124*	9x9" (23x23cm)	30	24	60%	44%

Knife Cut Edge, Resealable Packaging and  $\ensuremath{\textbf{Canisters with Refills}}$ 

#### SatPax® 670-R

55% cellulose/45% polyester

SatPax<sup>®</sup> 670-R is a durable and strong presaturated wiper with a consistent 70% IPA/30% DI H<sub>2</sub>O solution with a higher saturation level of 60% for solution contact time in the regulated industries. \*Meets AMS 3819, Class 2, Grade A, Form 2 - QPL-15-5

SKU	SIZE	SHEETS/ PACK	PACKS/ CASE	SAT.	<b>VOC</b> %
SPX670R.001.12	9x9" (23x23cm)	75	12	60%	44%
SPX67000112AS*	9x9" (23x23cm)	75	12	45%	40%
SSP670.001.24*	9x9" (23x23cm)	30	24	60%	44%

#### SatPax<sup>®</sup> 550

#### 100% polypropylene

SatPax® 550 is a lightweight wiper that has very low levels of fibers, particles and ions. It is presaturated with a consistent 70% IPA/30% DI H<sub>2</sub>O solution. 100% IPA option. The sterile version is gamma irradiated and sterile validated to a 10<sup>-6</sup> Sterility Assurance Level per ANSI/ AAMI/ISO guidelines.

SKU	SIZE	SHEETS/ Pack	PACKS/ CASE	SAT.	<b>VOC</b> %
SPX550.001.24	9x11" (23x28cm)	50	24	71%	50%
SPX55000624LE*	9x11" (23x28cm)	50	24	71%	50%
SPX550.003.36	7x11" (18x28cm)	75	36	71%	50%
SPX550.004.24	9x11" (23x28cm)	50	24	57%	47.2%
SPX550.005.36	7x11" (18x28cm)	75	36	57%	47.2%
SPX55000836*	7x11" (18x28cm)	75	36	71%	76%
SSP55000524LE*	9x11" (23x28cm)	50	24	71%	50%
SSP55000424*	9x11" (23x28cm)	50	24	62%	48.3%
SSP55000524*	7x11" (18x28cm)	50	24	62%	48.3%

Knife Cut Edge, Resealable Packaging

SKU	SIZE	SHEETS/ CANISTER	CANISTER/ CASE	SAT.	<b>VOC%</b>
SPXC5500000112	6x9" (15x23cm)	150	12	60%	47.8%
SPXC5500000112R	6x9" (15x23cm)	150	12	60%	47.8%

Knife Cut Edge, Resealable Packaging

Knife Cut Edge, Resealable Packaging

Certificates of Sterility available on www.berkshire.com by lot number 24/7 - EU Grade A/B/C/D \*\*Custom Product - Minimum Order Quantities and Lead Time Requirements Apply

#### SATPAX® PRESATURATED WIPERS - LOT TO LOT TRACEABILITY

#### SatPax<sup>®</sup> 570

#### 55% cellulose/45% polyester

SatPax  $^{\odot}$  570 is a lightweight, smooth, and durable presaturated wiper with a consistent 70% IPA/30% DI H\_20 solution.

SKU	SIZE	SHEETS/ Pack	PACKS/ CASE	SAT.	<b>V0C</b> %
SPX570.001.24	7x8" (18x20cm)	90	24	45%	41.3%

Knife Cut Edge, Resealable Packaging

#### SatPax® Stencil Cleaner

#### 100% polyester nonwoven

SatPax® Stencil Cleaner wipes with Zestron Vigon® SC200 is a powerful combination of low lint wiping materials and effective stencil chemistry. The wipes quickly remove all types of solder pastes and adhesives used in electronic assembly manufacturing. They are fast drying and odor free. Non-hazmat.

SKU	SIZE	SHEETS/ Pack	PACKS/ CASE	SAT.	STYLE
SPXPNWZ0016	6x8" (16X20cm)	125	16	20%	CANISTER
SPXPNWZ0016R	6x8" (16X20cm)	125	16	20%	REFILL

Knife Cut Edge, Canisters with Refills

#### SatPax® Polx® Nonwoven

#### 100% polyester

SatPax<sup>®</sup> Polx<sup>®</sup> Nonwoven is an extremely soft and pliable wiper ideal for all types of sensitive surfaces. It is presaturated with a consistent 70% IPA/30%, 9% IPA/91%, 99% IPA/1% DI H<sub>2</sub>O solution.

SKU	SIZE	SHEETS/ Pack	PACKS/ CASE	SAT.	<b>VOC%</b>
SPXPNW00112	9x9" (23x23cm)	75	12	60%	46%
SSPPNW00124*	9x9" (23x23cm)	30	24	60%	46%
SKU	SIZE	SHEETS/ CANISTER	PACKS/ CASE	SAT.	<b>VOC%</b>
SPXCPNW00312	6x9" (15x23cm)	100	12	60%	46%
SPXCPNW00312R	6x9" (15x23cm)	100	12	60%	46%
SPXCPNW00412	6x9" (15x23cm)	100	12	60%	5.3%
SPXCPNW00412R	6x9" (15x23cm)	100	12	60%	5.3%
SPXCPNW00512	6x9" (15x23cm)	100	12	60%	69%
SPXCPNW00512R	6x9" (15x23cm)	100	12	60%	69%

No cellulose components, Resealable Packaging and Canisters with Refills





### **STERILE AND GAMMA IRRADIATED PRODUCTS**

#### VALIDATED STERILE CLEANROOM WIPERS

- Gamma irradiated and sterile validated to a 10<sup>-6</sup> Sterility Assurance Level (SAL) per ANSI/AAMI/ISO guidelines
- Header bag style
- · Lot number of each pack for traceability
- Certificate of Sterility(COS) available on berkshire.com by lot number 24/7

#### COS Details:

- Expiration Date, Radiation Dosage, Lot Information,
- Meets cGMP requirements for traceability

READ WHAT ARE VALIDATED STERILE WIPERS?



## **STERILE DRY WIPERS**

#### **ISO CLASS 3-5**

CLEANROOM CLASS 1-100 | EU GRADE A/B/C/D

#### Gamma Wipe<sup>®</sup> 300

100% continuous filament polyester knit

Gamma Wipe<sup>®</sup> 300 is a 2-ply pinsonic tubular wiper, constructed using a patented sealed edge process resulting in reduced fiber generation and superior absorbency.

SKU	SIZE	SHEETS/ Pack	PACKS/ CASE	
GW300ST25	12x12" (30x30cm)	10	25	

Sealed Border Edge, Cleanroom Laundered

#### Gamma Wipe® VP

100% continuous filament polyester knit Gamma Wipe<sup>®</sup> VP is a cleanroom laundered lightweight wiper with a tightly knit material design that reduces the actual cost in use compared to heavier weight products. Low endotoxin version available.

SKU	SIZE	SHEETS/ Pack	PACKS/ Case
GWVPST0940	9x9" (23x23cm)	20	40
GWVPST25	12x12" (30x30cm)	20	25
GWVPST25LE*	12x12" (30x30cm)	20	25

Sealed Edge, Cleanroom Laundered

#### ISO CLASS 4-5

CLEANROOM CLASS 10-100 | EU GRADE A/B/C/D

#### Gamma Wipe® 120

100% continuous filament polyester knit

Gamma Wipe<sup>®</sup> 120 is a knife cut cleanroom laundered wipe, with a soft hand and edge for sensitive surfaces.

SKU	SIZE	SHEETS/ Pack	PACKS/ CASE
GW120ST0940	9x9" (23x23cm)	20	40
GW120ST15	12x12" (30x30cm)	20	15

Knife Cut, Cleanroom Laundered

#### ISO CLASS 5-8 CLEANROOM CLASS 100-100,000 | EU GRADE A/B/C/D

#### Gamma Wipe® 67

**KNITTED** 

55% cellulose/45% polyester Gamma Wipe<sup>®</sup> 67 is an economical wipe that is smooth, highly absorbent and durable.

#### SHEETS/ PACKS/ SKU SIZE PACK CASE GW67ST0980 9x9" (23x23cm) 20 80 GW67ST25 12x12" (30x30cm) 20 25 GW67ST60 12x12" (30x30cm) 5 60 GW67ST1242 12x12" (30x30cm) 25 42

No binders or chemical additive

#### Gamma Wipe® Polx® Nonwoven

 $Polx^{(m)}$  is an extremely soft and pliable wiper ideal for many types of sensitive surfaces. 100% Polyester

SKU	SIZE	SHEETS/ Pack	PACKS/ CASE
GWPNWST1242	12x12" (30x30cm)	25	42

No cellulose components, 100% synthetic

## STERILE PRESATURATED WIPERS

WIPERS - LOT TO LOT TRACEABILITY	

ISO CLASS 3-5 CLEANROOM CLASS 1-100 | EU GRADE A/B/C/D

#### Sterile Satpax® MicroSeal® 1200 WFI

100% continuous filament polyester knit

100% continuous filament polyester knit

Sterile SatPax<sup>®</sup> MicroSeal<sup>®</sup> 1200 WFI is pre-wetted with a consistent 70% IPA/30% WFI (Water for Injection) to a high saturation level. It is triple packaged for easy entry into sterile environments.

Sterile SatPax<sup>®</sup> MSVP is presaturated with a consistent 70% IPA/30% DI water. With high abrasion resistance, it is critically low in particles,



SKU	SIZE	SHEETS/ Pack	PACKS/ CASE	SAT	<b>VOC</b> %
SSPMS015WFI	12x12" (30x30cm)	50	5	60%	41%

Ultrasonically sealed edge, resealable packaging

SKU	SIZE	SHEETS/ Pack	PACKS/ CASE	SAT	<b>VOC</b> %
SSPVP00124	9x9" (23x23cm)	30	24	47%	39.5%
SSPVPR00124	9x9" (23x23cm)	30	24	60%	43.2%

Ultrasonically sealed edge, resealable packaging

#### ISO CLASS 4-5

CLEANROOM CLASS 10-100 | EU GRADE A/B/C/D

#### Sterile SatPax® 1200

Sterile SatPax<sup>®</sup> MSVP

fibers, ions & extractables.

#### 100% continuous filament polyester knit

Sterile SatPax<sup>®</sup> 1200 is presaturated with a consistent 70% IPA/30% DI Water to a high saturation level for solution contact time in regulated industries. With high abrasion resistance, it is critically Io in particles, fibers, ions & extractables.

SKU	SIZE	SHEETS/ Pack	PACKS/ CASE	SAT	<b>VOC</b> %
SSP120000312	9x9" (23x23cm)	30	12	60%	40.9%

Knife cut edge, j-folded for single withdrawal, resealable packaging

#### **ISO CLASS 5-8**

CLEANROOM CLASS 100-100,000 | EU GRADE A/B/C/D

#### Sterile SatPax® 1000

55% cellulose/45% polyester

Sterile SatPax<sup>®</sup> 1000 is presaturated with a consistent 70% IPA/30% DI Water to a high saturation level of 70% for solution contact time in regulated industries. It is smooth & durable with good wet strength.

SKU	SIZE	SHEETS/ Pack	PACKS/ CASE	SAT	<b>VOC</b> %
SSP100000124	9x9" (23x23cm)	30	24	60%	44%

Resealable packaging, c-folded for single withdrawal

#### ISO CLASS 5-8 CLEANROOM CLASS 100-100,000 | EU GRADE A/B/C/D

#### Sterile SatPax® 670

#### 55% cellulose/45% polyester

Sterile SatPax<sup>®</sup> 670 is presaturated with a consistent 70% IPA/30% DI Water to a high saturation level of 60% for solution contact time in regulated industries. It is smooth and durable with good wet strength

#### Sterile SatPax® 550

#### 100% meltblown polypropylene

Sterile SatPax® 550 is a knife cut edge lightweight wiper presaturated with a consistent 70% IPA/30% DI Water. The wipe has very low levels of fibers, particles and ions.

#### Sterile SatPax® Polx® Nonwoven

100% polyester

Sterile SatPax® Polx® Nonwoven is critically low in fiber and particle generation with minimal non-volatile residues making it an exceptional choice for streak-free cleaning.

SKU	SIZE	SHEETS/ Pack	PACKS/ CASE	SAT	<b>V0C%</b>
SSP67000124	9x9" (23x23cm)	30	24	60%	44%

Resealable packaging, c-folded for single withdrawal

SKU	SIZE	SHEETS/ Pack	PACKS/ CASE	SAT	<b>V0C</b> %
SSP55000424	9x11" (23x28cm)	50	24	62%	48.3%
SSP55000524	7x11" (18x28cm)	50	24	62%	48.3%

Resealable packaging, c-folded for single withdrawal

SKU	SIZE	SHEETS/ Pack	PACKS/ CASE	SAT	<b>VOC</b> %
SSPPNW00124	9x9" (23x23cm)	30	24	60%	46%

Resealable packaging, c-folded for single withdrawal

## **STERILE MOP COVERS & MOP HEADS**

#### Validated Sterile EasyClean<sup>®</sup> 360 Isolator Cleaning Tool Cover



100% continuous filament polyester knit Laundered and packaged in an ISO Class 4 (Class 10) cleanroom, this validated sterile cover's stretch fabric and elastic edge enables easy installation and a secure fit on the isolator cleaning tool head.

SKU EC360ECST20 COVERS/ PACKS/ PACK CASE 10 ELASTIC COVERS 20 + 1 PADDED COVER

Excellent for PEC cleaning (Primary Engineering Controls)

#### GAMMA IRRADIATED - LOT TO LOT TRACEABILITY

#### **BCR® Mop 4 Gamma Irradiated**



#### 100% knitted polyester

Laundered and cleaned in an ISO Class 4 (Class 10) cleanroom, this gamma irradiated looped string mop head has low particulates and fibers. It has excellent chemical and abrasion resistance.

> MOPS/ CASE

> > 12

SKU	MOPS/ PACK
BCM.4IR.12	1

Works well with most mops clamps

#### Choice<sup>®</sup> Validated Sterile Padded EasyClean<sup>®</sup> 360 Isolator Cleaning Tool Cover

#### 100% continuous filament polyester knit

Laundered and packaged in an ISO Class 4 (Class 10) cleanroom, this validated sterile cover's foam-free cushioned design insures even surface coverage with reduced residues. Available presaturated.

SKU	PADS/ PACK	PACKS/ Case
EC360CHPST40	5	40

Sterile cover presaturated with 70% IPA/30% DI H<sub>2</sub>0

#### **Ergonomic Flat Mop Cover Irradiated\***

Microfiber polyester/nylon fibers Blue twisted loop microdenier mop cover. Three layer absorbency, individually wrapped.

SKU	SIZE	PADS/ PACK	PACKS/ CASE
FMC8MD10IR	6x18" (45x15cm)	6	10

#### Polyester knit/polyurethane foam

Laser cut and cleanroom laundered to minimize fiber and particle release. 10mm thickness provides cushioned surface.

SKU	SIZE	PADS/ PACK	PACKS/ CASE
FMC6LF24IR	4.5x15" (11x38cm)	5	24

#### PET (polyester)

All edges are bound for reinforcement, durability and extremely low fiber shedding.

SKU	SIZE	PADS/ PACK	PACKS/ CASE
FMCPET20IR	5x16" (12x40cm)	5	20

#### Microfiber (polyester)

Excellent absorbency capacity (>3x weight of mop cover)

SKU	SIZE	PADS/ PACK	PACKS/ CASE
FMCMF24IR	5x16" (12x40cm)	5	20

## **CHOICE® WIPER SELECTION GUIDE**



# CHOICE<sup>®</sup> from Berkshire<sup>®</sup>



**CHOICE**<sup>®</sup> is a value tiered category of wipers offering all the performance consistency of higher priced wipers. Best of all, **CHOICE**<sup>®</sup> is from Berkshire, the most trusted name in cleanroom supplies, which means quality you can count on. What's more, **CHOICE**<sup>®</sup> is backed by the Berkshire Guarantee - your money back if our wiper fails to perform according to specifications.

#### PACKAGING

All Berkshire wipers come in high quality, chemical resistant packaging material that has been tested for cleanroom use. All the wipers are double bagged for easy transfer and wipe down. **CHOICE**<sup>®</sup> wipers are packaged in stacked and value (bulk) configurations.

#### VALUE (BULK) PACKAGING

Value (bulk) packaged product is placed into a bag with a cursory inspection. The sheet count is arrived at by weight. There is 0% difference in perfomance between a value (bulk) packed and stacked product. There is however, a significant cost savings in a value (bulk) packaged wiper.

#### STACKED PRODUCT

Each wiper is inspected and stacked one on top of the other. The end result is a square pack that allows each wiper to be removed individually from the stack.



#### KNITTED WIPERS - LOT TO LOT TRACEABILITY - AUTOCLAVABLE

#### **ISO CLASS 3-5**

CLEANROOM CLASS 1-100 | EU GRADE B/C/D

PRODUCT/SUBSTRATE	CLEANROOM LAUNDERED	EDGE TYPE	COMPATIBLE WITH IPA, ACETONE , AND OTHER SOLVENTS	VALUE (BULK) OPTION
<b>CHOICE<sup>®</sup> Edge</b> 100% continuous filament polyester	٠	Sealed Border Edge	•	
<b>CHOICE<sup>®</sup> 700</b> 100% continuous filament polyester	٠	Sealed Edge	•	
<b>CHOICE<sup>®</sup> 900</b> 100% continuous filament polyester	٠	Sealed Edge	•	
CHOICE <sup>®</sup> SuperSorb 100% continuous filament polyester	٠	Sealed Edge	•	•
CHOICE <sup>®</sup> ValuSeal <sup>®</sup> 100A 100% continuous filament polyester		Sealed Edge	•	

#### CHOICE<sup>®</sup> Edge

#### 100% continuous filament polyester

CHOICE® Edge's 4-side border sealed edges increase durability and minimize fiber and particle release during use. The smooth no run interlock knit construction and consistent border edges provide a scratch free wiping surface.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
CHKE09.14	9x9" (23x23cm)	100	14

Sealed Border Edge, Cleanroom Laundered

#### CHOICE® 700

#### 100% continuous filament polyester

CHOICE® 700's lightweight material design reduces actual cost in use compared to heavier weight products. It has critically low particles, fibers, ions and extractables. It is the most economical knit wiper in the CHOICE® category.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
CH709.14	9x9" (23x23cm)	150	14

Sealed Edge, Cleanroom Laundered

#### CHOICE<sup>®</sup> 900

#### 100% continuous filament polyester

CHOICE® 900 has high abrasion resistance with excellent absorbency. Its ultrasonically sealed edges reduces fiber and particle contamination.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
CH909.10	9x9" (23x23cm)	150	10

Sealed Edge, Cleanroom Laundered

#### CHOICE<sup>®</sup> SuperSorb

#### 100% continuous filament polyester

CHOICE® SuperSorb is a 2-ply pinsonic constructed cleanroom wiper with a unique diamond pattern. High abrasion resistance with excellent absorbency.

SKU	SIZE	SHEETS/PACK	PACKS/CAS
CHSS09.14	9x9" (23x23cm)	75	14
CHSS09B.14	9x9" (23x23cm)	75 (BULK)	14
CHSS12.12	12x12" (30x30cm)	75	12

Sealed Edge, 2-ply, Cleanroom Laundered

#### CHOICE® VALUSEAL® 100A

#### 100% continuous filament polyester

CHOICE® ValuSeal® 100A is a tear and abrasion resistant wipe with excellent is absorbency. It is ideal for economic high volume cleaning and wipe-downs.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
CHVS100A0910	9x9" (23x23cm)	150	10

Sealed Edge, Cleanroom Laundered

#### **ISO CLASS 5-8** - LOT TO LOT TRACEABILITY - AUTOCLAVABLE CLEANROOM CLASS 100-100,000 | EU GRADE B/C/D

#### CHOICE<sup>®</sup> 800

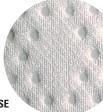
100% continuous filament polyester

CHOICE® 800 has high abrasion resistance and has excellent absorbency. Knife cut edge for reduced scratching potential.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
CH809.10	9x9" (23x23cm)	150	10

Knife Cut Edge, Cleanroom Laundered

CLEANROOM LAUNDERED	EDGE TYPE	COMPATIBLE WITH IPA, ACETONE , AND OTHER SOLVENTS	VALUE (BULK OPTION)
٠	Knife Cut Edge	•	



#### **ISO CLASS 5-8**

CLEANROOM CLASS 100-100,000 | EU GRADE B/C/D

PRODUCT/SUBSTRATE	CLEANROOM LAUNDERED	EDGE TYPE	COMPATIBLE WITH IPA, ACETONE , AND OTHER SOLVENTS	VALUE (BULK OPTION
CHOICE <sup>®</sup> 500 Nonwoven 60% cellulose/40% polyester		Knife Cut Edge	•	
CHOICE <sup>®</sup> 600 Nonwoven 55% cellulose/45% polyester		Knife Cut Edge	•	
CHOICE® SatPax® 500 Presaturated 60% cellulose/40%		Knife Cut Edge	•	
CHOICE® SatPax® 600 Presaturated 55% cellulose/45% polyest	ter	Knife Cut Edge	•	

#### **CHOICE® 500 Nonwoven**

60% cellulose/40% polyester

CHOICE® 500 Nonwoven is a is a lighter weight economical all purpose wiper. It is smooth, absorbent and durable.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
CHNW50920	9x9" (23x23cm)	400	20
CHNW51220	12x12" (30x30cm)	200	20

No binders or chemical additives, Stacked

#### **CHOICE® 600 Nonwoven**

55% cellulose/45% polyester

CHOICE® 600 Nonwoven is an economical all purpose wiper. It is smooth, absorbent and durable.

SKU	SIZE	SHEETS/PACK	PACKS/CASE
CHNW60440	4x4" (10x10cm)	300	40
CHNW60920	9x9" (23x23cm)	300	20
CHNW61220	12x12" (30x30cm)	150	20

No binders or chemical additives, Stacked

#### CHOICE® SatPax® 500

#### 60% cellulose/40% polyester

CHOICE® SatPax 500 is a lighter weight smooth and durable presaturated wiper with a consistent 70% IPA/30% DI  $\rm H_2O$  and 6% IPA/94% DI  $\rm H_2O^*$  solutions. Reduces VOC emissions.

SKU	SIZE	SHEETS/PACK	PACKS/CASE	SATURATION
SPXCHN500112	9x9" (23x23cm)	) 75	12	45%
SPXCHN5R00112	9x9" (23x23cm	) 75	12	60%
SPXCHN50018	6x8" (15x20cm	) 180	8	45%

No chemical binders in base material, Resealable Packaging

SKU	SIZE	TUBS/CASE	GAL/LITER
SPXTUB3	9.5x7.5x5" (24x19x13cm)	3	1G/4L

#### CHOICE® SatPax® 600

Polypropylene resealable tub

55% cellulose/45% polyester

CHOICE® SatPax 600 is a smooth and durable presaturated wiper with a consistent 70% IPA/30% DI  $\rm H_20$  solution. Reduces VOC emissions.

SKU	SIZE	SHEETS/PACK	PACKS/CASE	SATURATION
SPXCHN600112	9x9" (23x23cm	) 75	12	45%
SPXCHN6R00112	9x9" (23x23cm	) 75	12	60%

Knife Cut Edge, Resealable Packaging



Isopropyl Alcohol (IPA) is still the #1 CHOICE IN CLEANROOMS







## **CHOICE® MOPS & ACCESSORIES**

#### **CHOICE® MicroFiber Looped String Mop Head**

Microfibers are tiny fibers that have been split to produce ultra-fine fibers estimated to be at least 1/16" the size of a human hair. When knitted together these fibers create a surface area covered with millions of spaces between the fibers to trap moisture, dirt and debris. This technology allows for the dirt and liquids to be "picked up" rather than being pushed around.

#### **Features and Advantages**

- White 88% polyester/12% nylon microfiber string mop with blue headband and tailband
- Microfiber yarns attract and trap dirt and debris
- Terry knit structure enhances absorbency to increase efficiency
- Tubular knit construction with sewn head and tail bands provides added durability
- Lot number assures traceability
- Autoclavable

SKU	PACKAGING	MOPS/PACK	MOPS/CASE
CHMFM.24	INDIVIDUALLY WRAPPED	1	24

#### **CHOICE® Mop Handle & Clamp**

Economical CHOICE<sup>®</sup> lightweight mop handle & clamp accommodates most size string and loop mop heads.

#### Handle: Features and Advantages

- Anodized aluminum handle with blue polypropylene hand grip
- Fixed length at 56 inches (140cm)
- Easily connects to clamp
- Corrosion and chemical resistant
- Not autoclavable

#### **Clamp: Features and Advantages**

- Blue polypropylene mop clamp
- Latch-style swing-away bar for quick and easy mophead changes
- Easily connects to handle
- · Corrosion and chemical resistant
- Autoclavable

PRODUCT	SKU	PACKAGING	<b>MOPS/HANDLES/ CASE</b>
CHOICE MOP HANDLE & CLAMP SET	CHMH.SET.1	1 HANDLE & 1 CLAMP	1

#### **Choice® EasyClean 360 Padded Covers**

#### 100% continuous filament polyester

Laundered and packaged in an ISO Class 4 (Class 10) cleanroom, this cover's foam-free cushioned design insures even surface coverage with reduced residues. Sterile presaturated version available.

SKU	PADS/PACKS	PACKS CASE
EC360CHP40	5	40
EC360CHPST40*	5	40
SSPEC360P40*	5	40



#### DID YOU KNOW ?

The mop head can be relaundered and re-used. Specific laundry instructions can be found on the Product Information Sheet on berkshire.com.



\* Sterile Version Available \* Sterile Presaturated Version Availabl

## **CHOICE® CLEANROOM FACE MASKS**

## EASY BREATHING COMFORT WITH SUPERIOR PERFORMANCE

People are a significant source of contamination in any critical manufacturing process. Berkshire masks are designed to protect your cleanroom from human contamination. Berkshire masks provide comfort for operators.

#### Choice<sup>®</sup> Mask 3-Layer with Earloops

- Individually wrapped
- Knitted polyester/spandex earloops provide comfort to wearers
- Polypropylene provides excellent filtration

SKU	SIZE	MASKS/ Pack	PACKS/ CASE	INNERFACING MEDIUM	FILTER	OUTERFACING
CHFM18024I	180mm	25	24	NONWOVEN POLYPROPYLENE	POLYPROPYLENE	NONWOVEN POLYPROPYLENE -WHITE

#### **Choice® Mask 3-Layer with Earloops**

- Bulk packaged
- Knitted polyester earloops provide comfort to wearers
- Polypropylene provides excellent filtration

SKU	SIZE	MASKS/ Pack	PACKS/ CASE	INNERFACING MEDIUM	FILTER	OUTERFACING
CHFM1804B	180mm	50	40	NONWOVEN POLYPROPYLENE	POLYPROPYLENE	NONWOVEN POLYPROPYLENE -WHITE





## **CHOICE® DOCUMENTATION PRODUCTS**

#### **CHOICE®** Spiral Notebook (College Rule)

Cleanroom bond 72 g/m<sup>2</sup>

Spiral ring with PET (polyethylene terephthalate) cover can withstand long periods in use. White pages can be written on both sides, 100 pages/50 sheets. Spiral design allows book to lie flat and stay open.

SKU	SIZE	NOTEBOOKS/PACK	PACKS/CASE
CHNBK.0508SR.40	5.5 x 8.5" (13x20cm)	1	40
CHNBK.0811SR.20	8.5x11" (22x28cm)	1	20

#### **DID YOU KNOW ?**

College Rule is a style of notebook with paper that has 9/32 inch spacing between horizontal lines, with a vertical margin drawn about 11/4 inches from the left-hand edge of the page. It is excellent for those who need more information in a tighter space.



#### **CHOICE®** Cleanroom Socks

99% continuous filament polyester/1% spandex

The socks are laundered and packaged in a ISO Class 4 cleanroom to minimize bioburden levels. Because of enhanced wicking function, contact discomfort associated with wearing everyday socks is greatly reduced.

Advantages:

- Meets the requirements of EU GMP Annex 1 section 7.14
- Cleanroom laundry process reduces fiber and particle shedding and minimizes bioburden
- A cost effective, clean and disposable alternative to operators' own socks
- Autoclavable (121°C, 30 minutes)

SKU	SIZE	PAIRS/PACK	PACKS/CASE	STYLE PACKED
CHSOCKR1050	5-11 Regular	10	50	STACKED
CHSOCKR1006B	5-11 Regular	100	6	BULK



EU GMP ANNEX 1 WHAT DOES IT MEAN FOR YOUR SOCKS?



GO TO PAGE 53 TO LEARN MORE ABOUT OUR EXPANDING LINE OF DISINFECTANTS

VERSAHOCI<sup>®</sup> EZ BLEACH<sup>™</sup> VERSAQUAT<sup>®</sup>

**PRODUCTS MADE** 

IN THE USA



## **PRO-WIPE® INDUSTRIAL WIPERS GUIDE**



#### **Pro-Wipe® SE**

#### 100% continuous filament polyester

Pro-Wipe® SE is an all-purpose wiper. It is an economical alternative to a standard cleanroom knitted polyester wiper.

Advantages:

- Lot to lot traceability
- Superior durability and strength
- Pre-laundering results in reduced particle contamination
- Chemically compatible with IPA, Acetone and other solvents

SKU	SIZE	STYLE	SHEETS/PACK	PACKS/CASE
PWSEK09.14	9x9" (23x23cm)	Flat Pack	150	14

Sealed Edge, Cleanroom Laundered

#### **Pro-Wipe® OS**

100% polypropylene

Pro-Wipe® OS is specifically designed to absorb oil and repel water.

Advantages:

- Lot to lot traceability
- Complies with FDA 21 CFR 176.170 177.1520
- for food grade applications (3rd party test data available) • Excellent resistance to acids and bases
- Low linting

SKU	SIZE	STYLE	SHEETS/PACK	PACKS/CASE
PW0S12.12	12x12" (30x30cm)	Flat Pack	100	12





#### Pro-Wipe<sup>®</sup> AP

#### 50% rayon/50% polyester

Pro-Wipe® AP is an all purpose wiper. It is tough enough to be a rag replacement and clean enough for a controlled environment.

#### Advantages:

- Lot to lot traceability
- Smooth and soft with high strength and durability
- High absorbency compared to typical cellulose/polyester nonwoven wipers
- Low linting and abrasion resistant

SKU	SIZE	STYLE S	SHEETS/PACK	PACKS/CASE
PWAP09.24	9x9" (23x23cm)	FLAT PACK	150	24
PWAP12.24	12x12" (30x30cm)	FLAT PACK	100	24
PWAP.12130F.20	12x13" (30x33cm)	QUARTER FOL	.DED 50	20
PWAP.PR0915.4	9x15" (23x38cm)	PERFORATED	ROLL 250	4

Cloth-Llke Feel

#### Pro-Wipe<sup>®</sup> SuperSorb

#### 80% cellulose/10% lyocell/10% biocomponent

Pro-Wipe® SuperSorb is a medium duty all purpose wipe that is clean enough for controlled environments.

Advantages:

- Absorbs water and oil based solutions
- · Good wet strength
- Chemically compatible with common cleaning and disinfecting solutions
- Dispenser box available with wipes

SKU	SIZE	STYLE	SHEETS/PACK	PACKS/CASE
PWSS1114QF18	11x14" (27x36cm)	Quarter Folded	50	18
SKU	SIZE	STYLE	SHEETS /DISPENSER	DISPENSERS /CASE
PWSS0914D16	9x14" (23x36cm)	C-FOLD	90	16

#### Pro-Wipe<sup>®</sup> SuperSorb Lite

#### 80% cellulose/10% lyocell/10% biocomponent

Pro-Wipe<sup>®</sup> SuperSorb Lite is a light duty all purpose industrial wipe that is clean enough for controlled environments.

Advantages:

- Chemically compatible with common cleaning and disinfecting solutions
- Smooth and soft with high strength and durability
- Dispenser box available with wipes

SKU	SIZE	STYLE	SHEETS/PACK	PACKS/CASE
PWSSL1114QF18	11x14" (27x36cm)	Quarter Foldeo	50	18
			SHEETS	DISPENSERS



## **BCR® DOCUMENTATION SYSTEMS**

Paper and notebooks can be a major source of particles, bacteria and micro-organisms in the cleanroom. BCR® Documentation Systems are made with the highest quality BCR® Bond paper to minimize contamination.

#### ISO CLASS 3-7 CLEANROOM CLASS 1 - 10,000 | EU GRADE B/C/D

#### **BCR® Bond: Single Sheet Cleanroom Paper**

#### 104 g/m<sup>2</sup> (28lb)

COLOR	WEIGHT	SKU	SIZE	SHEETS/PACK	PACKS/CASE	DOUBLE WRAPPED
White	Heavy	BB104081110W	8.5x11" (22x28cm)	250	10	•
Blue	Heavy	BB104081110B	8.5x11" (22x28cm)	250	10	•
White	Heavy	BB10411175W	11x17" (28x43cm)	250	5	•
Blue	Heavy	BB10411175B	11x17" (28x43cm)	250	5	•
	White Blue White	WhiteHeavyBlueHeavyWhiteHeavy	WhiteHeavyBB104081110WBlueHeavyBB104081110BWhiteHeavyBB10411175W	White         Heavy         BB104081110W         8.5x11" (22x28cm)           Blue         Heavy         BB104081110B         8.5x11" (22x28cm)           White         Heavy         BB10411175W         11x17" (28x43cm)	White         Heavy         BB104081110W         8.5x11" (22x28cm)         250           Blue         Heavy         BB104081110B         8.5x11" (22x28cm)         250           White         Heavy         BB10411175W         11x17" (28x43cm)         250	White         Heavy         BB104081110W         8.5x11" (22x28cm)         250         10           Blue         Heavy         BB104081110B         8.5x11" (22x28cm)         250         10           White         Heavy         BB104081110B         11x17" (28x43cm)         250         5

#### 85 g/m<sup>2</sup> (24lb)

PRODUCT	COLOR	WEIGHT	SKU	SIZE	SHEETS/PACK	PACKS/CASE	DOUBLE WRAPPED
BCR <sup>®</sup> Bond 850	White	Medium	BB85081110W	8.5x11" (22x28cm)	250	10	•
BCR <sup>®</sup> Bond 850	Blue	Medium	BB85081110B	8.5x11" (22x28cm)	250	10	•
BCR® Bond 850	Yellow	Medium	BB85081110C	8.5x11" (22x28cm)	250	10	•
BCR <sup>®</sup> Bond 850	Pink	Medium	BB85081110P	8.5x11" (22x28cm)	250	10	•
BCR <sup>®</sup> Bond 850	Green	Medium	BB85081110G	8.5x11" (22x28cm)	250	10	•

#### 68 g/m² (18lb)

PRODUCT	COLOR	WEIGHT	SKU	SIZE	SHEETS/PACK	PACKS/CASE	DOUBLE WRAPPED
BCR <sup>®</sup> Bond 680	White	Light	BB6808118W	8.5x11" (22x28cm)	500	8	•
BCR <sup>®</sup> Bond 680	Blue	Light	BB6808118B	8.5x11" (22x28cm)	500	8	•

#### ADVANTAGES

- Purest cellulose minimizes contamination
- Full lot tracing on every **case** ensures consistent quality and control
- Specialized coating reduces particles and fibers generation
- Retains ink from copiers and printers to reduce smudging
- Heat resistant under extreme printer temperatures

#### **APPLICATIONS**

• Cleanroom manuals, work instructions, standard operating procedures (SOPs)

Berkshire Bond 850

Berkshire Bond 850

Berkshire Bond 850

Berkshire Bo

NATURAL RUBBER-LATEX FREE

#### **BCR® DOCUMENTATION SYSTEMS**

#### ISO CLASS 3-7

CLEANROOM CLASS 1 - 10,000 | EU GRADE B/C/D

#### **EcoBond®: Single Sheet Cleanroom Paper**

 $85 \text{ g/m}^2$  (24lb)

PRODUCT	COLOR	WEIGHT	SKU	SIZE	SHEETS/PACK	PACKS/CASE	DOUBLE WRAPPED
EcoBond®	White	Medium	EC0850811WH	8.5x11" (22x28cm)	250	10	•

#### **ADVANTAGES**

- Purest cellulose minimizes contamination
- Full lot tracing on every **case** ensures consistent quality and control
- Talc free
- Good toner adhesion
- High strength and heat resistance

#### ISO CLASS 3-7 CLEANROOM CLASS 1 - 10,000 | EU GRADE B/C/D

#### **BCR®** Cleanroom Spiral Notebooks

104 g/m<sup>2</sup> (28lb)

#### **APPLICATIONS**

• Cleanroom manuals, work instructions, standard operating procedures (SOPs)

PRODUCT	COLOR	WEIGHT AND STYLE	SKU	SIZE	NTBK/ Pack	PACKS/ CASE	DOUBLE WRAPPED
BCR <sup>®</sup> 1040 Spiral Notebook	White	Heavy College Rule	BSNB.0508CR.20	5.5x8.5" (14x22cm)	1	20	•
BCR® 1040 Spiral Notebook	White	Heavy 1/4 Inch Grid	BSNB05081420	5.5x8.5" (14x22cm)	1	20	٠
BCR® 1040 Spiral Notebook	White	Heavy College Rule	BSNB.0811CR.10	8.5x11" (22x28cm)	1	10	•
BCR® 1040 Spiral Notebook	White	Heavy 1/4 Inch Grid	BSNB08111410	8.5x11" (22x28cm)	1	10	•

#### **BCR®** CleaNotes®

104 g/m<sup>2</sup> (28lb)

PRODUCT	COLOR	WEIGHT AND STYLE	SKU	SIZE	SHTS/ PAD	PADS/ CASE
BCR <sup>®</sup> Cleanotes <sup>®</sup>	White	Heavy adhesive pad	BCN030324	3x3" (76x76cm)	100	24
BCR® Cleanotes®	Blue	Heavy adhesive pad	BCN030324B	3x3" (76x76cm)	100	24

#### DID YOU KNOW ?

1/4 Inch Grid (Narrow ruled) paper has1/4 inch spacing between ruling lines, and is used by those with smaller handwriting or to fit more lines per page.

#### DID YOU KNOW ?

College rule paper has 9/32 inch spacing spacing between horizontal lines, with a vertical margin drawn about 11/4 inches from the left-hand margin. It is excellent for those who need more information in a tighter space.



## **BCR® GLOVE LINERS**

#### GLOVE LINERS ARE EXCELLENT FOR APPLICATIONS WHERE DOUBLE GLOVING IS REQUIRED

#### HAND HEALTH AND OPERATOR COMFORT

BCR<sup>®</sup> glove liners are manufactured without the use of latex. Glove liners enhance operator comfort by reducing perspiration and contact/heat dermatitis associated with wearing latex, nitrile, neoprene and other gloves. They are ambidextrous for easy stock control and can be relaundered for multiple use.

#### **BCR®** Polyester Glove Liners

Lightweight

PRODUCT	SKU	SIZE	CUFF COLOR	PAIRS/PACK	PACKS/CASE
BCR <sup>®</sup> Half-Finger	BGL2.20R	Regular	White	10	20
BCR <sup>®</sup> Half-Finger	BGL2.200BR	Regular	White	200 (bulk)	1
BCR <sup>®</sup> Half-Finger	BGL2.20L	Large	Blue	10	20
BCR® Half-Finger	BGL2.200LB	Large	Blue	200 (bulk)	1
BCR <sup>®</sup> Full-Finger	BGL3.20L	Large	Blue	10	20
BCR <sup>®</sup> Full-Finger	BGL3.20R	Regular	White	10	20

#### BCR<sup>®</sup> Single Knit Nylon Glove Liners Medium Weight

PRODUCT	SKU	SIZE	CUFF COLOR	PAIRS/PACK	PACKS/CASE
BCR <sup>®</sup> Half-Finger	BGL6.200SB	Small	Green	200 (bulk)	1
BCR <sup>®</sup> Half-Finger	BGL6.200LB	Large	Blue	200 (bulk)	1
BCR <sup>®</sup> Full-Finger	BGL7.200SB	Small	Green	200 (bulk)	1
BCR <sup>®</sup> Full-Finger	BGL7.200MB	Medium	Orange	200 (bulk)	1
BCR <sup>®</sup> Full-Finger	BGL7.200LB	Large	Blue	200 (bulk)	1
BCR <sup>®</sup> Full-Finger	BGL7.200XLB	X-Large	Red	200 (bulk)	1

#### **BCR® Ultra Glove Liners**

Meduim Weight Fortify•AM<sup>®</sup> and Fortify Sta•Cool<sup>®</sup> Polyester Glove Liners

PRODUCT	SKU	SIZE	CUFF COLOR	PAIRS/PACK	PACKS/CASE
BCR <sup>®</sup> Half-Finger	BGL2U20R	Regular	Grey	10	20
BCR <sup>®</sup> Half-Finger	BGL2U20L	Large	Purple	10	20
BCR <sup>®</sup> Full-Finger	BGL3U20R	Regular	Grey	10	20
BCR <sup>®</sup> Full-Finger	BGL3U20L	Large	Purple	10	20

Fortify•AM<sup>®</sup> technology protects the fabric from microbial growth. The protection does not diminish with laundering and reuse. Each glove liner is constructed using a special seamless technique.

Half-finger versions are ideal for operators who need to retain maximum dexterity and fingertip sensitivity.

Each glove size has a colored cuff for easy stock control.

Fortify Sta•Cool® technology provides the glove liners with superior cool feeling for extreme moisture managemet. They reduce the odor caused by hand persperation.

## **BCR® FACE MASKS**

#### ISO CLASS 4-8 CLEANROOM CLASS 10 - 100,000 | EU GRADE B/C/D

#### EASY BREATHING COMFORT WITH SUPERIOR PERFOR-MANCE

People are a significant source of contamination in any critical manufacturing process. Berkshire masks are designed to protect your cleanroom from human contamination. Berkshire masks provide comfort for operators.

#### **BCR® Mask 3-Layer Knitted Nylon Spandex Earloops**

- Individually wrapped & bulk packaged
- Ultrasonic bonding reduces contamination and outgassing

SKU SIZE	MASKS/ PACK	PACKS/ CASE	INNERFACING MEDIUM	FILTER	OUTERFACING
BM180ELK25I 180mm	20	42	Polypropylene	Polypropylene	Polypropylene - Blue
BM180ELK50B 180mm		30	Polypropylene	Polypropylene	Polypropylene - Blue

#### **BCR® Mask 3-Layer Polyurethane Headbands - Extra Wide**

- Bulk packaged not individually wrapped in the pack
- Headband option provides more secure facial seal

SKU	SIZE	MASKS/ Pack	PACKS/ CASE	INNERFACING MEDIUM	FILTER	OUTERFACING
BM210HBPU50E	3 210mm	50 (bulk)	36	Polypropylene	Polypropylene	Polypropylene - Blue

#### BCR® Face Mask 3-Layer Knitted Nylon Spandex Earloops-Extra Wide

- Bulk packaged not individually wrapped
- Earloops are soft and comfortable for long wear

SKU	SIZE	MASKS/ Pack	PACKS/ CASE	INNERFACING MEDIUM	FILTER	OUTERFACING
BM210ELK50B	210mm	50 (bulk)	30	Polypropylene	Polypropylene	Polypropylene - Blue







#### **DID YOU KNOW ?**

Test results for Particle Filtration Efficiency, Bacterial Filtration Efficiency, Differential Pressure and Helmke Drum can be found on Product Information Sheets located at berkshire. com/product-data CAN CLEANROOM FACE MASKS CAUSE SKIN IRRITATION?



## LAB-TIPS® SWAB GUIDE

Berkshire's LabTips® swabs are exceptionally pure for precision cleaning, surface sampling, applying lubricants and other liquids, and other validation procedures.

#### **SWAB SELECTION GUIDE**

PRODUCT	HEAD MATERIAL	HEAD TYPE	HANDLE LENGTH	LAUNDERED	ESD
LTP70F	KNITTED POLYESTER	FLEXIBLE	SHORT	•	
LTP70R	KNITTED POLYESTER	RIGID	SHORT	•	
LTP125	KNITTED POLYESTER	RIGID	MEDIUM	•	
LTP125S	KNITTED POLYESTER	SEMI-FLEXIBLE	MEDIUM	•	
LTP1465	KNITTED POLYESTER	FLEXIBLE	LONG	•	
LTP1465ESD	KNITTED POLYESTER	FLEXIBLE	LONG	•	•
LTO70F	OPEN CELL FOAM	RIGID	SHORT	•	
LTO70R	OPEN CELL FOAM	RIGID	SHORT	•	
LTO70RESD	OPEN CELL FOAM	RIGID	SHORT	•	٠
LTO70P	OPEN CELL FOAM	RIGID	SHORT	•	
LTO70PESD	OPEN CELL FOAM	RIGID	SHORT	•	٠
LTA03163	OPEN CELL FOAM	RIGID	SHORT		
LT000125	OPEN CELL FOAM	RIGID	MEDIUM		
LT01465	OPEN CELL FOAM	FLEXIBLE	LONG	•	
LTC125	CLOSED CELL FOAM	RIGID	MEDIUM	•	
LTN70F	NONWOVEN POLYESTER	FLEXIBLE	SHORT	•	
LTN1465	NONWOVEN POLYESTER	FLEXIBLE	LONG	•	

#### CONSTRUCTION

Lab-Tips<sup>®</sup> are made by sandwiching the swab handle between multiple layers of thermoplastic head material. The head material is completely sealed and bonded to the handle with heat and pressure. No contaminating adhesives are used in the manufacturing of Berkshire's Lab-Tips<sup>®</sup> swabs.

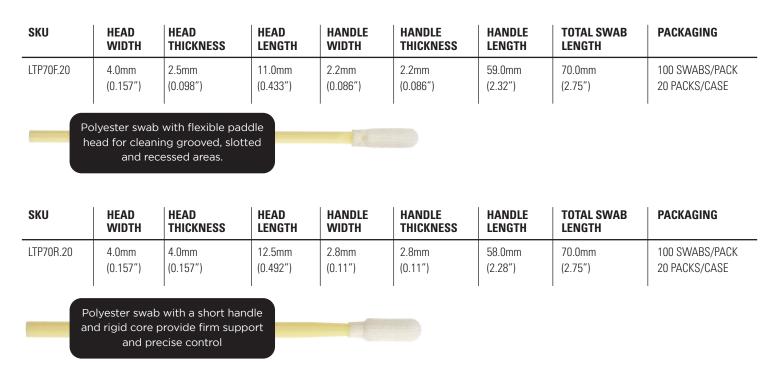
#### PACKAGING

Lab-Tips® are double bagged in cleanroom bags manufactured from high purity polyethylene resin that ensures ultra-low organic and inorganic residues. Bags are free from silicone, amides, and DP. An easy tear notch and solvent resistant inner pack labels ensure ease of use.

#### LAB-TIPS® KNITTED POLYESTER SWABS

#### **CLEANROOM LAUNDERED DOUBLE LAYER 100% POLYESTER KNIT SWAB HEADS**

Berkshire's knitted polyester swabs are made from cleanroom laundered, continuous filament polyester for exceptional purity. They offer low ionic contamination levels along with excellent durability and absorbent capacity. Knitted polyester swabs have excellent chemical resistance and are compatible with organic solvents. The handles are made of 100% polypropylene.



SKU	HEAD WIDTH	HEAD THICKNESS	HEAD LENGTH	HANDLE WIDTH	HANDLE THICKNESS	HANDLE LENGTH	TOTAL SWAB Length	PACKAGING
LTP125.5	12.7mm (0.50″)	5.0mm (0.196")	25.0mm (0.984")	5.5mm (0.216")	2.8mm (0.11")	100.0mm (3.94")	125.0mm (4.92″)	100 SWABS/PACK 5 PACKS/CASE
en e	head provide area for clea	o with a durable f maximum surfac ining or sampling flat surfaces	e					

SKU	HEAD WIDTH	HEAD THICKNESS	HEAD LENGTH	HANDLE WIDTH	HANDLE THICKNESS	HANDLE LENGTH	TOTAL SWAB LENGTH	PACKAGING
LTP125S.25	12.7mm	5.0mm	25.0mm	5.5mm	2.8mm	100.0mm	125.0mm	20 SWABS/PACK
	(0.50")	(0.196")	(0.984")	(0.216")	(0.11")	(3.94")	(4.92")	25 PACKS/CASE

Polyester sampling swab with a unique semi-flexible internal paddle and grooves on the handle for easy snapping



## LAB-TIPS® KNITTED POLYESTER SWABS

SKU	HEAD WIDTH	HEAD THICKNESS	HEAD LENGTH	HANDLE WIDTH	HANDLE THICKNESS	HANDLE LENGTH	TOTAL SWAB LENGTH	PACKAGING
LTP1465.10	7.0mm	4.0mm	16.8mm	3.1mm	3.1mm	145.0mm	162.0mm	100 SWABS/PACK
	(0.275")	(0.157")	(0.661″)	(0.122")	(0.122")	(5.71″)	(6.38″)	10 PACKS/CASE
LTP1465ESD10	7.0mm	4.0mm	16.8mm	3.1mm	3.1mm	145.0mm	162.0mm	100 SWABS/PACK
	(0.275")	(0.157")	(0.661")	(0.122")	(0.122")	(5.71″)	(6.38")	10 PACKS/CASE

Polyester swab with a long handle for cleaning hard to reach areas has high abrasion resistance for rigorous cleaning applications Swab features an ESD pink handle, engineered with a static dissipative polymer and is packaged in an anti-static bag

## LAB-TIPS<sup>®</sup> OPEN CELL (RETICULATED) FOAM SWABS CLEANROOM LAUNDERED 100 PPI OPEN CELL POLYURETHANE FOAM SWAB HEADS

Open Cell or reticulated foams are structures in which the cell windows have been removed by thermal or chemical means. This process results in a structure that has **excellent liquid retention** and **particle entrapment capability**. Berkshire's open cell foam swabs have **excellent chemical resistance** and are compatible with organic solvents.

PPI = Pores/Linear Inch. The number of cells per linear inch in the foam membrane. A measure of foam density.

SKU	HEAD WIDTH	HEAD THICKNESS	HEAD LENGTH	HANDLE WIDTH	HANDLE THICKNESS	HANDLE LENGTH	TOTAL SWAB LENGTH	PACKAGING
LT070F.20	4.0mm	2.0mm	11.0mm	2.2mm	2.2mm	59.0mm	70.0mm	100 SWABS/PACK
	(0.157")	(0.078")	(0.433")	(0.086")	(0.086")	(2.32")	(2.75″)	20 PACKS/CASE

Foam swab with a short handle and flexible core for general purpose cleaning in confined areas with superior particle entrapment capability

SKU	HEAD WIDTH	HEAD THICKNESS	HEAD LENGTH	HANDLE WIDTH	HANDLE THICKNESS	HANDLE LENGTH	TOTAL SWAB LENGTH	PACKAGING
LT070R.20	4.0mm	4.0mm	12.5mm	2.8mm	2.8mm	58.0mm	70.0mm	100 SWABS/PACK
	(0.157")	(0.157")	(0.492")	(0.11")	(0.11")	(2.28")	(2.75″)	20 PACKS/CASE
LTO70RESD20	4.0mm	4.0mm	12.5mm	2.8mm	2.8mm	58.0mm	70.0mm	100 SWABS/PACK
	(0.157")	(0.157")	(0.492")	(0.11")	(0.11")	(2.28″)	(2.75″)	20 PACKS/CASE

Foam swab with a short handle and rigid core for general purpose cleaning in confined areas with superior particle entrapment capability

swap fe enginee polyme anti-sta

Swab features an ESD pink handle, engineered with a static dissipative polymer and is packaged in an anti-static bag

## LAB-TIPS® OPEN CELL (RETICULATED) FOAM SWABS

SKU	HEAD WIDTH	HEAD THICKNESS	HEAD LENGTH	HANDLE WIDTH	HANDLE THICKNESS	HANDLE LENGTH	TOTAL SWAB LENGTH	PACKAGING
LT070P.20	4.0mm	4.0mm	20.0mm	2.5mm	2.5mm	50.0mm	70.0mm	100 SWABS/PACK
	(0.157")	(0.157")	(0.787")	(0.098")	(0.098")	(1.97")	(2.75″)	20 PACKS/CASE
LTO70PESD20	4.0mm	4.0mm	20.0mm	2.5mm	2.5mm	50.0mm	70.0mm	100 SWABS/PACK
	(0.157")	(0.157")	(0.787")	(0.098")	(0.098")	(1.97")	(2.75")	20 PACKS/CASE

Foam swab with a precision pointed head and a small tapered handle for cleaning small slotted and grooved areas

Swab features an ESD pink handle., engineered with a static dissipative polymer and is packaged in an anti-static bag

SKU	HEAD WIDTH	HEAD THICKNESS	HEAD LENGTH	HANDLE WIDTH	HANDLE THICKNESS	HANDLE LENGTH	TOTAL SWAB LENGTH	PACKAGING
LTA03163.10	5.0mm	3.0mm	13.0mm	2.4mm	2.4mm	71.0mm	76.0mm	100 SWABS/PACK
	(0.19")	(0.118")	(0.5")	(0.093")	(0.093")	(2.8")	(3.0")	10 PACKS/CASE

Foam swab with a short handle and rigid core for general purpose cleaning in confined areas with superior particle entrapment capability

SKU	HEAD WIDTH	HEAD THICKNESS	HEAD LENGTH	HANDLE WIDTH	HANDLE THICKNESS	HANDLE LENGTH	TOTAL SWAB Length	PACKAGING
LT000125.10	13.0mm	9.0mm	25.0mm	5.0mm	3.0mm	125.0mm	127.0mm	100 SWABS/PACK
	(0.50")	(0.35")	(1.0")	(0.093")	(0.12")	(4.9″)	(5.0")	10 PACKS/CASE

Foam swab with an absorbent
large rectangular flat head provides
a maximum surface area for
cleaning broad flat surfaces

SKU	HEAD WIDTH	HEAD THICKNESS	HEAD LENGTH	HANDLE WIDTH	HANDLE THICKNESS	HANDLE LENGTH	TOTAL SWAB LENGTH	PACKAGING
LTO1465.10	7.0mm	3.0mm	16.8mm	3.1mm	3.1mm	145.0mm	162.0mm	100 SWABS/PACK
	(0.275")	(0.118")	(0.661")	(0.122")	(0.122")	(5.71")	(6.38")	10 PACKS/CASE

Foam swab with a long handle for cleaning hard to reach areas with good sorbency and excellent solvent hold

## LAB-TIPS® CLOSED CELL (NON-RETICULATED) FOAM SWABS

#### CLEANROOM LAUNDERED 100 PPI CLOSED CELL POLYURETHANE FOAM SWAB HEADS

Closed Cell or non-reticulated foams are completely sealed with cell windows intact. Closed cell foams generally exhibit higher density, greater durability and reduced absorption versus open cell foams. Berkshire's closed cell foam swabs are manufactured from 100 ppi polyurethane.

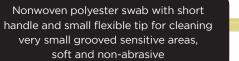
SKU	HEAD WIDTH	HEAD THICKNESS	HEAD LENGTH	HANDLE WIDTH	HANDLE THICKNESS	HANDLE LENGTH	TOTAL SWAB LENGTH	PACKAGING
LTC125.5	13.0mm (0.511")	8.0mm (0.315")	25.0mm (0.984")	5.5mm (0.216")	2.8mm (0.11")	100.0mm (3.94")	125.0mm (4.92″)	100 SWABS/PACK 5 PACKS/CASE
re m	ectangular h naximum sur	a durable large ead provide face area for I flat surfaces					DID YOU What is the difference between a closed cell and open cell swab?	

### LAB-TIPS® NONWOVEN 100% POLYESTER SWABS

#### HYDROENTANGLED 100% POLYESTER SWAB HEADS

Swabs made from 100% polyester nonwoven material are absorbent, non-abrasive and have very low ionic contamination and NVR levels. These swabs are also compatible with most solvents.

SKU	HEAD WIDTH	HEAD THICKNESS	HEAD LENGTH	HANDLE WIDTH	HANDLE THICKNESS	HANDLE LENGTH	TOTAL SWAB LENGTH	PACKAGING
LTN70F.20	4.0mm	2.0mm	11.0mm	2.2mm	2.2mm	59.0mm	70.0mm	100 SWABS/PACK
	(0.157")	(0.078")	(0.433")	(0.086")	(0.086")	(2.32")	(2.75″)	20 PACKS/CASE



SKU	HEAD WIDTH	HEAD THICKNESS	HEAD LENGTH	HANDLE WIDTH	HANDLE THICKNESS	HANDLE LENGTH	TOTAL SWAB LENGTH	PACKAGING
LTN1465.10	7.0mm	4.0mm	17.0mm	3.1mm	3.1mm	145.0mm	162.0mm	100 SWABS/PACK
	(0.275")	(0.118")	(0.67")	(0.122")	(0.122")	(5.71″)	(6.38")	10 PACKS/CASE

Nonwoven polyester swab with a long handle for cleaning hard to reach areas with good sorbency and excellent solvent hold

## SWAB/SOLVENT COMPATIBILITY CHART

SOLVENT	HEAD SUBSTRATE		
	FOAM	POLYESTER	
ACETIC ACID	U	U	
ACETONE	S	U	
ACETONITRILE	U	U	
AMMONIA, ANHYDROUS	U	U	
ANILINE	S	U	
BENZENE	S	U	
CARBON TETRACHLORIDE	S	U	
CHLOROFORM	S	U	
CHLOROPHENOL	D	D	
CHROMIC ACID	D	D	
CYCLOHEXANE	S	U	
DIMETHYLFORMAMIDE	D	S	
DIMETHYLSULFOXIDE	D	S	
ETHYL ACETATE	S	U	
ETHYL ALCOHOL	U	U	
ETHYL CHLORIDE	S	U	
FORMIC ACID	D	U	
HEXANE	U	U	

SOLVENT	HEAD SU	BSTRATE
	FOAM	POLYESTER
HYDROCHLORIC ACID 48%	D	D
HYDROGEN PEROXIDE	D	U
ISOPROPYL ALCOHOL	U	U
METHANOL	S	U
METHYL ETHYL KETONE	S	U
METHYLENE CHLORIDE	S	U
NITRIC ACID 100%	D	D
NITROBENZENE	S	U
PERCHLOROETHYLENE	U	U
PHOSPHORIC ACID 85%	D	U
SODIUM HYDROXIDE 36%	S	U
SULFURIC ACID 98%	D	D
TOLUENE	S	U
TRICHLOROETHYLENE	S	U
VERSAHOCL® DISINFECTANT	U	U
VERSAQUAT® DISINFECTANT	U	U
VINYL ACETATE	S	U
WATER	U	U
XYLENE	S	U

#### NOTE:

U = UNAFFECTED, S = SWELLS, D = DEGRADES

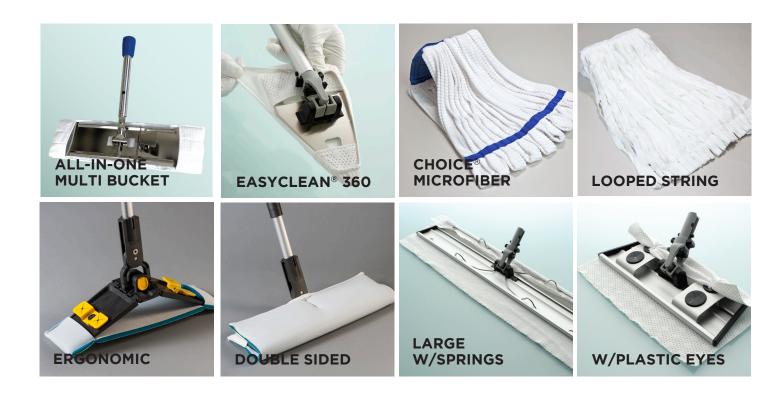




### WHAT IS ELECTROSTATIC DISCHARGE (ESD)?



## **BCR<sup>®</sup> MOP SELECTION GUIDE**



	STRING	CHOICE®	DOUBLE SIDED	ERGONOMIC	LARGE W/ SPRINGS	W/ PLASTIC EYES	ALL-IN-ONE	EASYCLEAN® 360
AUTOCLAVABLE	•	•	•	•	•	•	٠	•
FLOORS	•	•	•	•	•	•	•	
WALLS			•	•	•	•	•	
CEILINGS			•	•	•	•	•	
RABS								•
ISOLATORS								•
CACI/CLASS II BSC								•
LARGE AREAS	•	•	•	•	•	•	٠	
SMALL AREAS			•	•	٠	•	•	•
UNDER EQUIPMENT			•	•	•	•	•	
WET CLEANING	•	•	•	•	•	•	•	•
DRY CLEANING			•	•	٠	•	•	•

## **BCR® ALL-IN-ONE STAINLESS STEEL MOP SYSTEM**

#### **BCR® All-In-One Stainless Steel Mop System**

BCR® All-In-One stainless steel, multi bucket, mop system is designed with user convenience in mind. Made from durable and corrosionresistant stainless steel, it is perfect for high-traffic areas and environments where sanitation and contamination control are crucial.

#### **Features and Advantages**

- All-In-One components: cleaning trolley, frame w/handle, 1-2-3 bucket option, casters, wringer w/handle, sieve, press plate, mopjump, telescopic mop handle, mop head and storage bucket
- · Flexible design allows for easy setup and efficient cleaning
- Lightweight maneuverable sturdy frame for tight corners & hard-to-reach areas
- · Hand free installation & disposal of mop covers
- Ideal for cleanrooms, hospitals, food processing facilities, laboratories and industrial settings
- · Effective for floors, walls, & ceilings

PRODUCT	SKU	QUANTITY/CASE
BCR® ALL-IN-ONE MOP SET	BCRAIOSSMOPSE	T 1

#### **ALL-IN-ONE MOP COVERS**

Specialized mop covers tailored for specific cleaning tasks (autoclavable).

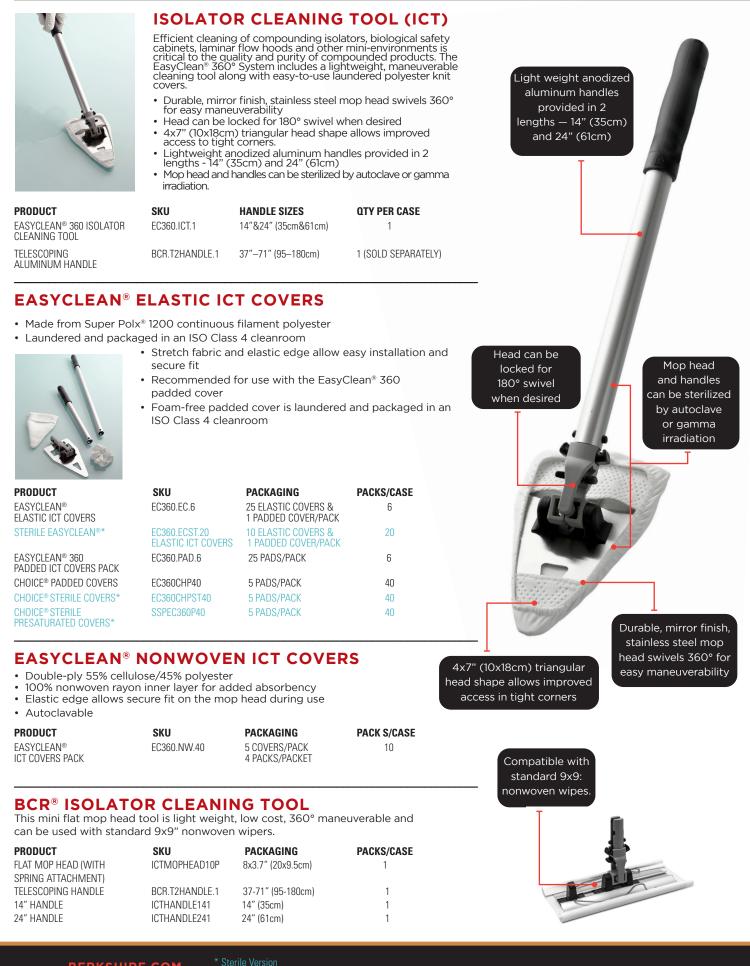
- Microfiber cover has 3-layers of absorbent polyester and nylon fibers for exceptional surface cleaning
- PET cover is made with 100% knitted polyester outer layer and multiple 100% nonwoven polyester inner layers, high tear strength
- Abrasion resistant polyester knit cleanroom fabric laminated to absorbent polyurethane foam, excellent for uneven floors
- Nonwoven polyester/cellulose outer layer and 100% rayon inner layer for high tear strength during removal of contaminants

PRODUCT	SKU	SIZE	COVERS/PACK	PACK/CASE
BCR <sup>®</sup> MICROFIBER FLAT MOP COVER	FMCMF24	16x5" (40x12cm)	5	24
BCR <sup>®</sup> MICROFIBER FLAT MOP COVER IRRADIATED		16x5" (40x12cm)	5	24
BCR® PET FLAT MOP COVER	FMCPET20	16x5" (40x12cm)	5	20
BCR <sup>®</sup> PET FLAT MOP COVER IRRADIATED*	FMCPET20IR	16x5" (40x12cm)	5	20
V MOP FOAM COVER	FMC6LF12	4.5x15" (11x38cm	) 10	20
V MOP FOAM COVER IRRADIATED*	FMC6LF24IR	4.5x15" (11x38cm	) 5	20





## **EASYCLEAN® 360 ISOLATOR CLEANING SYSTEM**



## **CHOICE<sup>®</sup> MOP & ACCESSORIES**

### CHOICE<sup>®</sup> MicroFiber Looped String Mop Head

Microfibers are tiny fibers that have been split to produce ultra-fine fibers estimated to be at least 0.16cm the size of a human hair. When knitted together these fibers create a surface area covered with millions of spaces between the fibers to trap moisture, dirt and debris. This technology allows for the dirt and liquids to be "picked up" rather than being pushed around.

#### **Features and Advantages**

- White 88% polyester/12% nylon microfiber string mop with blue headband and tailband
- Microfiber yarns attract and trap dirt and debris
- Terry knit structure enhances absorbency to increase efficiency
- Tubular knit construction with sewn head and tail bands provides added durability
- Lot number assures traceability
- Autoclavable

SKU	PACKAGING	MOPS/PACK	MOPS/CASE
CHMFM.24	INDIVIDUALLY WRAPPED	1	24

### **CHOICE®** Mop Handle & Clamp

Economical CHOICE<sup>®</sup> lightweight mop handle & clamp accommodates most size string and loop mop heads.

#### Handle: Features and Advantages

- Anodized aluminum handle with blue polypropylene hand grip
- Fixed length at 56" (140cm)
- Easily connects to clamp
- · Corrosion and chemical resistant
- Not autoclavable

#### **Clamp: Features and Advantages**

- Blue polypropylene mop clamp
- · Latch-style swing-away bar for quick and easy mophead changes
- Easily connects to handle
- · Corrosion and chemical resistant
- Autoclavable

PRODUCT	SKU	PACKAGING	<b>MOPS/HANDLES/ CASE</b>
CHOICE MOP HANDLE & CLAMP SET	CHMH.SET.1	1 HANDLE & 1 CLAMP	1

**READ PARTICLES ON** SURFACES: CLEANING **FLOORS & WALLS** 



**CHOICE® HANDLE** AND CLAMP ASSEMBLY INSTRUCTION

L'el ...



#### **Cleanroom Looped String Mop Heads**

Looped-end-fan-tail construction to minimize particle generation



#### BCR<sup>®</sup> Mop 4

100% knitted polyester — Relaunderable Laundered and packaged in an ISO Class 4 cleanroom, this mop has low particulates and fibers. It is has excellent chemical and abrasion resistance, with a lot number on each pack ensuring traceability. Available gamma irradiated.

PRODUCT	SKU	MOP/PACK	MOPS/CASE
BCR <sup>®</sup> MOP 4	BCM.4.12	1	12
BCR <sup>®</sup> MOP 4*	BCM.4IR.12	1	12

Certificates of Irradiation are available 24/7 on berkshire.com for BCM.4IR.12

#### Cleanroom Looped String Mop Wringer, Cart and Buckets - Fully Autoclavable

#### **Composition and Technology**

- The Cleanroom Cart is made of high quality stainless steel and is fully autoclavable
- Locking casters provide stability
- Wringer is made of durable plastic
- Ergonomically designed handle serves as a rest for the mop handle and makes the cart easy to maneuver in tight production areas
- Two 20 liter polypropylene buckets are color coded grey and red to differentiate between clean and dirty solutions

## \*Internal bucket graduations help insure correct mixing of cleaning and disinfecting solutions

<b>PRODUCT</b> STAINLESS STEEL MOP CART WITH BUCKETS	<b>SKU</b> BCRMOPCART1	<b>OTY PER CASE</b> 1
MOP WRINGER	BCRSTRWRINGER1	1
CASTER REPLACEMENTS	BCRCASTERSET1	4
HANDLE & CLAMP SET	CHMH.SET.1	1





## **ERGONOMIC 16" CLEANROOM FLAT MOP SYSTEM**

The ergonomic 16" Flat Mop holder is a versatile flat mop suitable for almost all application areas. Your cleanroom staff can attach mops faster and more efficiently than ever. Thanks to the cleanroom flat mops V shape, it slips smoothly into the pouches of the mop reducing bending and decreasing injury.

- Ergonomic working hand-switch opening of the holder and mop discarding while standing upright
- No touching of soiled mops when discarding
- Completely flat action for cleaning under and behind equipment

PRODUCT	SKU	SIZE	QTY PER CASE
V FLAT MOP HOLDER WITH CLIPS	BCRVSMOP10	4x16" (10x40cm)	10 V FLAT MOPS/20 CLIPS
V FLAT MOP HOLDER WITH CLIPS	BCRVSMOP1	4x16" (10x40cm)	1 V FLAT MOPS/2 CLIPS
TELESCOPING HANDLE	BCRHANDLE10	35-65" (89-165cm)	10
TELESCOPING HANDLE	BCRHANDLE1	35-65" (89-165cm)	1
V FLAT MOP CLIPS	BCRVSCLIP20	N/A	20

### **CLEANROOM ERGONOMIC FLAT MOP COVERS**

PRODUCT	SKU S	IZE	COVERS/PACK	PACKS/CASE
V MOP NONWOVEN COVER	FMC4NW20	4.5x15" (11x38cm)	10	20
V MOP FOAM COVER	FMC6LF12	4.5x15" (11x38cm)	10	20
V MOP MICRODENIER COVER	FMC8MD10	6.0x18" (45x15cm)	6	10
BCR <sup>®</sup> FLAT MOP COVER PET	FMCPET20	15.7x4.7" (40x12cm)	5	20
BCR <sup>®</sup> FLAT MOP COVER MICROFIE	ER FMCMF24	15.7x4.7" (40x12cm)	5	20
IR FLAT MOP COVER PET*	FMCPET20IR	15.7x4.7" (40x12cm)	5	20
IR FLAT MOP COVER MICROFIBER	* FMCMF24IR	15.7x4.7" (40x12cm)	5	20
IR V MOP MICRODENIER COVER*	FMC8MD10IR	6.0x18" (45x15cm)	6	10
IR V MOP FOAM COVER*	FMC6LF24IR	4.5x15" (11x38cm)	5	24

#### Wringer, Sieve, Cart And Buckets

PRODUCT STAINLESS STEEL MOP CART WITH BUCKETS - 2.20 LITER BUCKETS , BLUE, RED	<b>SKU</b> BCRMOPCART1	<b>OT PER CASE</b> 1	PACKS/CASE 1
STAINLESS STEEL V FLAT MOP WRINGER	BCRWRINGER1	1	1
STAINLESS STEEL V FLAT MOP SIEVE	BCRFMSIEVE1	1	1
REPLACEMENT CASTERS SET	BCRCASTERSET1	1 (QTY/PACK)	4 (PACKS/CASE)

#### **Autoclavable Mop Wipers**

PRODUCT	SKU	SIZE	COVERS/PACK	PACKS/CASE
DURX <sup>®</sup> 670	DR670101810	10x18" (25x46cm)	100	10
MICROSEAL <sup>®</sup> -VP	MSVP1018B10	10x18" (25x46cm)	50 (BULK)	10
MICROSEAL SUPERSORB® LITE	SSLT1018B10	10x18" (25x46cm)	25 (BULK)	10
MICROPOLX <sup>®</sup> 2750	MPX2750101810	10x18" (25x46cm)	50	10

Easy insertion of the holder into the pouches of the mop cover thanks to the V shape

Fully autoclavable

lightweight durable anodized aluminum telescopic handle extends from 35-65" (89-165cm)

Polypropylene grip

Detachable wiper clips allow the use of disposable mop wipers, but are not autoclavable

\* Sterile Version

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## ERGONOMIC FLAT MOP WRINGER, SIEVE, CART AND BUCKETS

#### Composition and Technology

- The Cleanroom Mop Cart is made of high quality stainless steel and is fully autoclavable.
- Locking casters provide stability during use.
- Wringer is made of high quality stainless steel.
- Ergonomically designed handle serves as a rest for the mop handle and makes the cart easy to maneuver in tight production areas.
- Two 20 liter polypropylene buckets are color coded grey and red to differentiate between clean and dirty solutions.
- Internal bucket graduations help insure correct mixing of cleaning and disinfecting solutions

PRODUCT	SKU	OTY PER CS	PKS/CS
STAINLESS STEEL MOP CART WITH BUCKETS — 2, 20 LITER BUCKETS, GREY, RED	BCRMOPCART1	1	1
STAINLESS STEEL V FLAT MOP WRINGER	BCRVSWRINGER1	1	1
STAINLESS STEEL V FLAT MOP SIEVE	BCRFMSIEVE1	1	1
REPLACEMENT CASTERS SET	BCRCASTERSET1	1 (PACK/CASE)	4





#### AUTOCLAVABLE CLEANROOM MOP WIPERS

<b>Durx<sup>®</sup> 670</b> Nonwoven, 45% polyester/55% cellulose blend	<b>SKU</b> DR670101810	<b>SIZE</b> 10x18" (25x46cm)	SHEETS/PACK 100	<b>PACKS/CASE</b> 10
<b>MicroSeal®-VP</b> Sealed edge, 100% knitted polyester, laundered	MSVP1018B10	10x18" (25x46cm)	50 (BULK)	10
MicroSeal SuperSorb <sup>®</sup> Lite Sealed edge, 2-ply, 100% knitted polyester, laundered	SSLT1018B10	10x18" (25x46cm)	25 (BULK)	10
<b>MicroPolx® 2750</b> Polyester/nylon, microfiber knitted	MPX2705101810	10x18" (25x46cm)	50	10

### DOUBLE SIDED 16" CLEANROOM FLAT MOPPING SYSTEM

The Double Sided Flat Mop holder's unique design allows operators to clean approximately twice the surface area of a conventional flat mop before changing or re-saturating the mop head, improving cleaning efficiency and reducing cleaning time.



#### CLEANROOM DOUBLE SIDED FLAT MOP HOLDER

- Attachment and removal of the mop covers without bending
- Extremely maneuverable with a 360° swiveling head and flat profile-ideal for cleaning under and around production equipment
- Durable, autoclavable plastic
- Double the surface coverage of conventional flat mopping systems
- Edge mounted handle design perfect for cleaning baseboards

#### **CLEANROOM FLAT MOP TELESCOPING HANDLE**

Durable anodized aluminum with polypropylene grip
Fully autoclavable, polypropylene grip, lightweight durable anodized aluminum telescopic handle extends from 35 - 65" (89-165cm)

PRODUCT DOUBLE SIDED MOP HOLDER DOUBLE SIDED MOP HOLDER TELESCOPING HANDLE TELESCOPING HANDLE SKU BCRDSMOP10 BCRDSMOP1 BCRHANDLE10 BCRHANDLE1

 SIZE

 OP10
 4x16" (10x40cm)

 OP1
 4x16" (10x40cm)

 DLE10
 35-65" (89-165cm)

 DLE1
 35-65" (89-165cm)

## CLEANROOM DOUBLE SIDED FLAT MOP WRINGER CART AND BUCKETS - FULLY AUTOCLAVABLE

#### **Composition and Technology**

- The Cleanroom Mop Cart is made of high quality stainless steel
- Locking casters provide stability
- Wringer is made of durable plastic
- Ergonomically designed handle serves as a rest for the mop handle and makes the cart easy to maneuver in tight production areas
- Two 20 liter polypropylene buckets are color coded grey and red to differentiate between clean and dirty solutions
- Internal bucket graduations help insure correct mixing of cleaning and disinfecting solutions

#### PRODUCT

STAINLESS STEEL MOP CART WITH BUCKETS DS FLAT MOP WRINGER REPLACEMENT CASTERS

**SKU** BCRMOPCART1 BCRDSWRINGER1 BCRCASTERSET1



1

Δ

**QTY PER CASE** 

10

1

10

1

#### CLEANROOM DOUBLE SIDED FLAT MOP COVERS



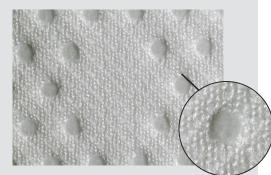
#### Double Sided Mop Foam Cover

- Abrasion resistant polyester knit cleanroom fabric laminated to absorbent polyurethane foam
- Laser cut and cleanroom laundered to minimize fiber and particle release
- High absorbency capacity
- 5mm thickness provides cushioned surface for optimum conformance to uneven floors, walls and ceilings
- · Each cover is individually wrapped
- Autoclavable and compatible with gamma and ETO sterilization

SKU	SIZE	COVERS/ PACK	PACKS/ CASE
FMC7LF20	10x18" (25x46cm)	4	20

#### **CLEANROOM FLAT MOP WIPERS**

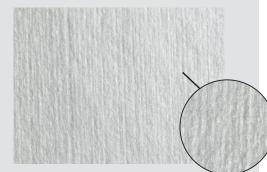
All the wipers are disposable and measured to fit the Mop Head Frame. More than one wiper can be attached to the mop head at a time. After mopping the area, the outer wiper can be disposed of and the remaining wipers are ready for the next mopping phase. This guarantees a fresh wiper is used for each new phase.



#### MicroSeal SuperSorb® Flat Mop Wiper

- Two-ply bonded, sealed edge 100% polyester
- Laundered and packaged in an ISO Class 4 (Class 10) cleanroom
- High abrasion resistance
- Autoclavable/sterile version available
- Lot number of each pack for traceability

SKU	SIZE	SHEETS/ Pack	PACKS/ CASE
MSSS.0812.12	8x12" (20x30cm)	50	12
MSSS.0824.12	8x24" (20x61cm)	25	12



#### Durx® 670 Flat Mop Wiper

- Hydroentangled 55% cellulose/ 45% polyester
- Smooth, highly sorbent and durable
- Autoclavable/sterile versions available
- No secondary binder
- Critical combination of the strength of synthetic polyester with the absorbency of cellulose
- Lot number of each pack for traceability

SKU	SIZE	SHEETS/ PACK	PACKS/ CASE
DR670.0812.20	8x12" (20x30cm)	100	20
DR670.0824.10	8x24" (20x61cm)	100	10







### **BCR® FLAT MOP SYSTEM**

#### Flat Mop Head Frame

Efficient cleaning of floors, wall and other large surfaces is critical to the overall cleanliness of the production environment. BCR® Flat Mop Systems replicate the most effective way to clean a surface - WIPING. Available with a range of wiping substrates to support your level of cleanliness.

#### Features

- Clean, light and durable
- High quality anodized aluminum
- Autoclavable
- Unique stainless steel spring mechanisms for wiper attachment (Mop 2)
- Plastic eyes for wiper attachment (Mop 3 and 4)

PRODUCT	SKU	SIZE	QUANTITY
BCR <sup>®</sup> LARGE MOP HEAD FRAME W/SPRINGS	BCR.MOP2.1	3 1/2x23" (9x58cm)	1 PER CASE
BCR <sup>®</sup> LARGE MOP HEAD FRAME W/SPRINGS	BCR.MOP2.10	3 1/2x23" (9x58cm)	10 PER CASE
BCR <sup>®</sup> SMALL MOP HEAD FRAME W/PLASTIC EYES	BCR.MOP3.1	3 1/2x11" (9x28cm)	1 PER CASE
BCR <sup>®</sup> SMALL MOP HEAD FRAME W/PLASTIC EYES	BCR.MOP3.10	3 1/2x11" (9x28cm)	10 PER CASE
BCR <sup>®</sup> LARGE MOP HEAD FRAME W/PLASTIC EYES	BCR.MOP4.1	3 1/2x23" (9x58cm)	1 PER CASE
BCR <sup>®</sup> LARGE MOP HEAD FRAME W/PLASTIC EYES	BCR.MOP4.10	3 1/2x23" (9x58cm)	10 PER CASE
BCR® EYE REPLACEMENTS	BCRCLIP10	MOP 3 & 4 - 2 CLIPS PK	10 PER CASE

#### Flat Mop Handle

#### Features

- Telescopic handle: extends from 37-71" (95-180cm)
- Anodized aluminum; lightweight and strong
- BCR® Eye Replacements 2 clips/pack
- Autoclavable

PRODUCT	SKU	SIZE	QUANTITY
TELESCOPING ALUMINUM HANDLE	BCR.T2HANDLE.1	37-71" (95-180cm)	1 PER CASE
TELESCOPING ALUMINUM HANDLE	BCR.T2HANDLE.10	37-71" (95-180cm)	10 PER CASE



### **BCR®** Cleanroom Socks

96% microdenier nylon and 4% lycra (HW - 99% polyester and 1% spandex)

 $\mathsf{BCR}^{\circledast}$  Cleanroom socks provide the next level of cleanroom foot health and operator comfort. The microdenier technology provides the sock with superior cool feeling and comfort.

#### Advantages

- One size fits all
- Extremely soft and comfortable autoclavable (121°C, 30 minutes)
- Advanced technology for extreme moisture management
- Reduced odor caused by foot perspiration

#### **Technical Data**

DESCRIPTION	AVERAGE DATA	TEST METHOD
Common Everyday Sock	44607	0.5 $\mu m$ Helmke Drum: Particles $\geq$ 0.5 $\mu m/ft^3$
BCR <sup>®</sup> Sock	22	0.5 $\mu m$ Helmke Drum: Particles $\geq$ 0.5 $\mu m/ft^3$
BCR <sup>®</sup> Heavy Weight Sock	958	0.5 $\mu$ m Helmke Drum: Particles ≥ 0.5 $\mu$ m/ft <sup>3</sup>

PRODUCT	NUMBER	PRS/PK	PKS/CS	STYLE
BCR <sup>®</sup> CLEANROOM SOCK	BCRSOCKR24	6	24	STACKED
BCR <sup>®</sup> CLEANROOM SOCK	BCRSOCKB2	228	2	BULK
BCR <sup>®</sup> HEAVY WEIGHT	BCRSOCKH3014B	30	14	BULK
CLEANROOM SOCK				

#### ISO CLASS 3-8

### CLEANROOM CLASS 1 - 100,000 | EU GRADE B/C/D

### **CleanPath® Adhesive Mats**

#### LDPE (Low Density Polyethylene)

CleanPath® Adhesive Mats decrease the transfer of foot-borne and wheelborne contaminants including viable and non-viable particles.

#### Advantages

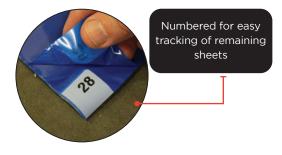
- · Adhesive coated surface film peels off easily for disposal
- Layers are numbered for easy tracking of remaining sheets
- Thickness per sheet: 40 Micron
- Blue color aids in the visual observation of tracked contamination
- Economical

PRODUCT	NUMBER	SIZE	LAYERS/MAT	MATS/CS	COLOR
CLEANPATH <sup>®</sup> ADHESIVE MAT	CPM18364	18x36" (46x91cm)	30	4	BLUE
CLEANPATH <sup>®</sup> ADHESIVE MAT	CPM26454	26x45" (66x114cm)	30	4	BLUE
CLEANPATH <sup>®</sup> ADHESIVE MAT	CPM36454	36x45" (91x114cm)	30	4	BLUE
CLEANPATH <sup>®</sup> ADHESIVE MAT	CPM36604	36x60" (91x152cm)	30	4	BLUE











## ADVANCED CLEANING SYSTEM

Three easy steps to a superior clean

Berkshire is pleased to announce the launch of DuoClean<sup>™</sup>, an Advanced Cleaning System with a dual action line of wipes and chemistries<sup>\*</sup> featuring our patent pending burstable dry-to-wet pouch. If you are currently buying bulk chemistries, diluting and filtering, you know the reality of added storage, error, labor, & waste costs along with contamination issues transferring to a squirt bottle. If you are using premixed spray bottles, you also have to be concerned about operator error with over spraying the surface and the ramifications. Unlike other disinfectant wipes that

are delivered presaturated, with just 3 easy steps the DuoClean<sup>™</sup> wipes and chemistry are activated at the point of use. There is no efficacy or waste issue, since you use the 15 wipe pack the same shift/session. Repacking contaminated or unused wipes for easy discarding is a snap with the peel and reseal pack.

\*The CDC and OSHA has recommended sodium hypochlorite and hydrogen peroxide for surface disinfection.



DuoClean





Roll the pack from one end and apply pressure until inner seal bursts or "pops".



Work pack from side to side and let sit face down for 5 minutes



Turn pack over and remove wipes, reseal when not in use to preserve

## **ORDER INFORMATION**

HYDROGEN PEROXIDE DUOCLEAN™ 3% HYDROGEN PEROXIDE | DUOCLEAN 6% HYDROGEN PEROXIDE

ITEM #	DESCRIPTION	WIPER TYPE	CONFIGURATION	WIPES/PK	PKS/CS
DCVPHP3012	POINT-OF-USE SATURATED WIPES - 3% HYDROGEN PEROXIDE WITH DI H2O	MSVP 9" X 9"	J-FOLDED	15	12
DCVPHP6012	POINT-OF-USE SATURATED WIPES - 6% HYDROGEN PEROXIDE WITH DI H2O	MSVP 9" X 9"	J-FOLDED	15	12

#### **SODIUM HYPOCHLORITE** DUOCLEAN™ 0.525 SODIUM HYPOCHLORITE

ITEM #	DESCRIPTION	WIPER TYPE	CONFIGURATION	WIPES/PK	PKS/CS
DCVPBL0512	POINT-OF-USE SATURATED WIPES - 0.525% SODIUM HYPOCHLORITE WITH DI H2O	MSVP 9" X 9"	J-FOLDED	15	12



FOR MORE INFORMATION VISIT WWW.BERKSHIREDUOCLEAN.COM 2018 © BERKSHIRE CORPORATION. ALL RIGHTS RESERVED.

## LOW ENDOTOXIN WIPES

Berkshire's new line of low endotoxin cleanroom wipes have been engineered to meet the specific requirements of the pharmaceutical, healthcare and medical device industries.

#### What is a pyrogen (endotoxin)?

IEST-RP-CC023.2 defines a pyrogen as "A substance capable of producing fevers. The most common pyrogens are endotoxins, a class of lipopolysaccharides that comprise the outer wall of Gram-negative bacteria and are themselves byproducts of cell metabolism."

Endo - Internal Toxin - Poison

Lipid A is the most toxic component of a gram-negative bacteria. It is embedded internally in the living bacteria.

When bacteria is killed through cleaning, the outer cell wall detritus is released and the dead cell becomes toxic. It needs to be removed from the surface.

#### What are common sources of endotoxins?

Common sources of endotoxins are water, soil, vegetation, raw materials, poor equipment sanitization and maintenance practices.

#### What are examples of gram-negative endotoxins?

Burkholderia, Pseudomonas, Ralstonia, Escherichia, Serratia, Stenotrophomonas

#### How do you test wipers for bacterial endotoxins?

Berkshire uses the LAL – Limulus Amebocyte Lysate test.

FDA Guidance for Industry: Pyrogen and Endotoxins Testing

"For more than 30 years, FDA has accepted the use of Limulus Amoebocyte Lysate LAL test for endotoxins in lieu of the rabbit pyrogens test."

#### What is the frequency of endotoxin testing?

Berkshire tests each lot for endotoxins.

#### What are your guaranteed endotoxin limits?

<20 EU/device - <0.5 EU/mL

FDA Guidance for Industry: Pyrogen and Endotoxins Testing

"For medical devices...the limit is 0.5 EU/mL or 20 EU/ device for products that directly or indirectly contact the cardiovascular system and lymphatic system"

#### How is the Water For Injection (WFI) prepared?

The WFI is prepared by a validated aseptic sterile filtration process. This complies with the industry's Sterility Assurance Level (SAL) of  $10^{-6}$ . The specification for Endotoxin USP is  $\leq 0.25$  EU/mL.

#### **PRICING & AVAILABILITY**

To learn more about Berkshire's low endotoxin wipes, contact your Technical Sales Representative, call 800-242-7000 or visit www.berkshire.com for a quick online chat.



### **BERKSHIRE CORPORATION**

### ITEM NUMBER | PRODUCT/ PACKAGING

Sealed edge, cleanroom laundered, polyester knitted, dry wiper

MSVP09098LE	<b>MicroSeal® VP – 9x9"</b> (23x23cm) 150 SHTS /PK, 8 PKS/CS
MSSS09098LE	<b>MicroSeal SuperSorb® – 9x9"</b> (23x23cm) 100 SHTS /PK, 8 PKS/CS

Sterile, sealed edge, cleanroom laundered, polyester knitted, dry wiper

GWSSST16LE	<b>Gamma® Wipe SuperSorb® – 12x12"</b> (30x30cm), 10 SHTS /PK, 16 PKS/CS
GWVPST25LE	<b>Gamma Wipe® VP – 12x12"</b> (30x30cm) 20 SHTS /PK, 25 PKS/CS

Sealed edge, cleanroom laundered, polyester knitted, presaturated WFI wiper

	SatPax <sup>®</sup> MSVP – 9x9" (23x23cm)	
	30 SHTS /PK, 12 PKS/CS	

Sterile, sealed edge, cleanroom laundered, polyester knitted, presaturated WFI wiper

SSPVP00112LE	Sterile SatPax <sup>®</sup> MSVP – 9x9" (23x23cm)
33F VF UUTIZLE	30 SHTS /PK, 12 PKS/CS

#### Nonwoven, dry wiper

	MicroFirst® LP – 9x9" (23x23cm)
	150 SHTS /PK, 12 PKS/CS

#### Sterile, Nonwoven, dry wiper

GWMFLPST25LE	<b>Gamma Wipe® MFLP – 12x12"</b> (30x30cm) 20 SHTS /PK, 25 PKS/CS	
	20 SHTS /PK, 25 PKS/CS	

#### Nonwoven, presaturated WFI wiper

SPXMFLP00112LE	<b>SatPax® MFLP – 9x9″</b> (23x23cm) 75 SHTS /PK, 12 PKS/CS
SPX55000624LE	<b>SatPax® 550 – 9x11″</b> (23x28cm) 50 SHTS /PK, 24 PKS/CS

Sterile, nonwoven, presaturated WFI wiper

SSPMFLP00124LE	Sterile SatPax® MFLP – 9x9" (23x23cm) 30 SHTS /PK, 24 PKS/CS
SSP55000524LE	<b>Sterile SatPax® 550 – 9x11"</b> (23x28cm) 50 SHTS /PK, 24 PKS/CS

## VERSAHOCI® ONE STEP CLEANER AND DISINFECTANT



VersaHOCI<sup>®</sup> is an EPA registered, RTU (ready to use) one-step cleaner, disinfectant, and deodorizer. Made in the USA with no preservatives or fragrances, Berkshire's VersaHOCI<sup>®</sup> is a powerful and safer disinfectant alternative for cleaning and disinfecting needs. Non-toxic with low odor and low residue, VersaHOCI<sup>®</sup> establishes the safest standards in disinfectant technology. With an active ingredient of 0.065% hypochlorous acid, it's non-corrosive and effective on hard, non-porous surfaces. This versatile disinfectant is ideal for use in controlled environments such as labs, cleanrooms, compounding pharmacies, and manufacturing facilities and can also be used in areas such as hospitals, clinics, healthcare facilities, schools, and government and office buildings.

FEATURES	BENEFITS
Kills 99.99% of bacteria, viruses, and fungi	<ul> <li>Kills common microbiological contaminations on surfaces</li> </ul>
Contains no quaternary ammonium, surfactant, alcohols, or organic solvents	<ul> <li>Very low residue, saving time on residue removal</li> <li>Wide range of material compatibility</li> </ul>
No hazard classification	<ul> <li>No strong odor provides good user acceptability</li> <li>No special disposal is required</li> </ul>
Bottles double bagged	Facilitates transfer disinfection into cleanroom
Not classed as corrosive	• Can be used safely on all hard, non-porous surfaces
Ready to Use	No mixing required
Sterile version is 0.2 µm filtered into pre-irradiated containers under Grade A unidirectional airflow in a Grade B/ISO Class 5 cleanroom.	• Sterile filled and provided double bagged for easy transfer into critical environments. Product certificate provided with each case.



## VERSAHOCI® ONE STEP CLEANER AND DISINFECTANT

ORGANISM	IDENTITY	CONTACT TIME
Bactericidal		
Pseudomonas aeruginosa	ATCC 15442	5 minutes
Staphylococcus aureus	ATCC 6358	5 minutes
Micrococcus luteus	ATCC 14408	3 minutes
Fungicidal		
Trichophyton interdigitale	ATCC 9533	3 minutes
Virucidal		
Human Adenovirus Type 5	ATCC VR-5, Strain Adenoid 75	5 minutes
Human Coronavirus	ATCC VR-740	5 minutes
Rhinovirus Type 37	ATCC VR-1607, Strain 151-1	3 minutes
Norovirus	ATCC VR-782, F-9 Strain	3 minutes

All organisms are tested with EPA-approved, standardized tests, demonstrating at least 4-log reduction.

#### **Product Application**

- Controlled environments and general institutional/industrial cleaning: Broad-spectrum efficacy (bacteria, viruses, fungi) and one-step cleaner and disinfectant.
- Reduce safety concerns in controlled environments: low residue product.
- Sensitive surfaces and equipment: Good surface compatibility offers versatility and is not damaging.
- Healthcare and long-term care facilities: One step, ready to use effectively and efficiently clean and disinfect near-patient surfaces and equipment.
- Hospitality and school environments: No harsh chemicals, toxins, or added fragrances provide flexibility for use.

#### **Order Information**

Product	Number	Size (Net Contents)	Bottles/Case
VersaHOCI® Disinfectant Spray	VHOCL1Q	32 Fl. Oz.	1
VersaHOCI® Disinfectant Spray	VHOCL6Q	32 Fl. Oz.	6
VersaHOCI® Disinfectant Spray	VHOCL4G	512 Fl. Oz.	4
VersaHOCI <sup>®</sup> Disinfectant Spray	VHOCL6QST	32 Fl. Oz.	6



## RECOMMENDED WIPES TO USE WITH THIS PRODUCT:

_	PRODUCT
	Pro-Wipe <sup>®</sup> SuperSorb
	<u>Durx® 670</u>
	<u>Durx® 770</u>
	Polx <sup>®</sup> Nonwoven
	ValuClean <sup>®</sup> Plus
	<u>MicroSeal® - VP</u>

HOCI has been evaluated by regulatory agencies, healthcare institutions, professional organizations, independent laboratories, and academic institutions in more than 50 countries. It is cleared as a high-level disinfectant by the FDA and the USDA allows it in organic production and handling.







# EZ BLEACH<sup>™</sup> DISINFECTANT TABLETS



## **EPA REGISTERED**

KILLS

99.999%

OF GERMS



LESS

PACKAGING

WASTE



pH NEUTRAL:

GENTLE ON

SURFACES



NO HARSH FUMES

NaDCC - Each rapidly dissolving 48.21% sodium dichloro-s-triazinetrione tablet is the equivalent of 29% available chlorine, a broad spectrum and sporicidal disinfectant. 1 tub of 900 (5g) tablets will produce 180 gallons of liquid bleach.

### **ADVANTAGES**

- No harsh fumes for the end user
- Less corrosive to surfaces compared to liquid bleach
- Neutral and consistent pH levels
- Made in the USA and EPA registered
- Tablets have a 3 year shelf life
- Flexibility Easily control the level of dilution to match your specific disinfectant requirements.
- Safe & convenient No handling or measuring concentrated hazardous liquids

### RESULTS

- Kills C. difficile spores in 10 minutes
- 99.9% effective against respiratory syncytial viruses and influenza H1N1 (colds and flu)
- Better than liquid bleach:
  - more sustainable
  - easier to handle and store
  - stable formulation
- Use as a sanitizer, broad-spectrum disinfectant and/or sporicide

### **APPLICATIONS**

- A replacement for liquid bleach solutions
- · Chemically compatible with Berkshire cleanroom wipes

### ORDER INFORMATION

SKU	PRODUCT	PACKAGING
EZBDT101	EZ BLEACH DISINFECTANT TABLETS	900 TABLETS PER TUB*
* Approximate count		

TABLET GUIDE FOR SPORICIDE

EPA List N approved - meets the EPA's

criteria for use against SARS-CoV-2,

the virus that causes COVID-19.





## EZ BLEACH™

## Bactericidal & sporicidal bleach alternative disinfectant in an effervescent tablet form



EZ Bleach<sup>™</sup> is a solid-form, safer alternative to traditional bleach that is EPA-registered and included on List N, the EPA's index of products certified for use against SARS-CoV-2, the virus responsible for COVID-19. EZ Bleach<sup>™</sup> comes in an easy-to-use 5g tablet. When mixed in water, the effervescent tablet activates and develops into a solution of hypochlorous acid (HOCI), a chlorine disinfectant much more potent than traditional liquid bleach. The unique delivery of EZ Bleach<sup>™</sup> allows for the precise preparation of various concentrations as needed for the intended application. The tablet form and its unique chemical composition, made up of NaDCC (sodium dichloro-s-triazinetrione) ensure a shelf-stability of three years, nearly triple that of traditional bleach products.

Attribute	EZ Bleach™	Similar Tablet 1	Similar Tablet 2	
EPA Registered	Yes	Yes	Yes	
Active Ingredients	Sodium dichloro-s-triazinetrione (NaDCC) 48.21%	Sodium dichloro-s-triazinetrione (NaDCC) 48.21%	Sodium dichloro-s-triazinetrione (NaDCC) 48.21%	
Shelf-Life	3 years	3 years	3 years	
Tablet Size	5 g	13.1 g	13.1 g	
Efficacy Claims				
Sanitizer	1 minute, 3 organisms	1 minute, 3 organisms	1 minute, 3 organisms	
Bactericidal Disinfection	10 minutes, 14 organisms	4 or 10 minutes, 14 organisms	4 or 10 minutes, 14 organisms	
Virucidal Disinfection	10 minutes, 11 organisms	1,2,4, or 10 minutes, 13 organisms	1,2,4, or 10 minutes, 13 organisms	
Mycobactericidal (TB) Disinfection	N/A	4 minutes	4 minutes	
Fungicidal Disinfection	10 minutes, 1 organism	1,2,4, or 10 minutes, 10 organisms	1,2,4, or 10 minutes, 10 organisms	
Sporicidal	10 minutes	4 or 10 minutes	4 or 10 minutes	
Animal pathogens	10 or 30 minutes, 15 organisms	10 or 30 minutes, 13 organisms	10 or 30 minutes, 13 organisms	
List N (SARS-CoV-2 virus)	Yes	Yes	Yes	
List Q (Mpox Virus)	Yes	Yes	Yes	
List K (Clostridium difficile Spores)	Yes	Yes	Yes	
Electrostatic Sprayer Usage	Limited*	Approved	Approved	

\*Test before using

#### Do you have questions or want to learn more about EZ Bleach™?

Berkshire's team of Technical Account Managers are well trained and deeply knowledgeable about contamination control and cleanroom supplies. And they are ready to help guide you in your product selection. To locate and contact your representative today, please visit <a href="https://berkshire.com/support/customer-service/find-a-technical-account-manager/">https://berkshire.com/support/customer-service/find-a-technical-account-manager/</a>.

For additional technical data specifications about EZ Bleach™, please visit www.berkshire.com to view and download our Product Information Sheet.

## VERSAQUAT<sup>®</sup> CLEANS, DISINFECTS, AND DEODORIZES



VersaQuat<sup>®</sup> is an EPA-registered, RTU (ready-to-use) one-step disinfectant and cleaner which utilizes well-established and accepted quaternary ammonium chemistry with acceptable residue and safety profiles. With broadspectrum, best-in-class efficacy claims (30 kill claims), VersaQuat<sup>®</sup> delivers consistent quality and intuitive usage. Recommended for use as a standard disinfectant as part of a disinfectant rotation program, VersaQuat<sup>®</sup> is ideal for use in laboratories, hospitals, home healthcare settings, and veterinary clinics and can also be used in offices, schools, gyms, and homes. Quick, effective, and convenient, VersaQuat<sup>®</sup> is not abrasive and is compatible with various hard, non-porous surfaces.

FEATURES	BENEFITS
Kills 99.99% of bacteria, viruses, and fungi	• Kills common microbiological contaminations on surfaces
Consistent quality and intuitive usage	<ul><li>Can use in a variety of applications</li><li>Ideal for large surface cleaning</li></ul>
Utilizes safe and effective chemistry	<ul><li>No strong odor provides good user acceptability</li><li>No special disposal is required</li></ul>
Bottles double bagged	Facilitates transfer disinfection into cleanroom
Not classed as corrosive	• Can be used safely on all hard, non-porous surfaces
Ready to Use	No mixing required

## VERSAQUAT<sup>®</sup> CLEANS, DISINFECTS, AND DEODORIZES

BACTERIA	CONTACT TIME
Pseudomonas aeruginosa	2 minutes
Staphylococc us aureus	2 minutes
Salmonella enterica (ATCC 10708)	2 minutes
Methicillin Resistant Staphylococcus aureus (MRSA) (ATCC 33592)	2 minutes
Vancomycin Resistant Enterococcus faecium (ATCC 51559)	2 minutes
Multi-Drug Resistant (MDR) <i>Acinetobacter baumannii</i> Ceftazidime and Gentamicin Resistant (ATCC BAA-1605)	2 minutes
Extended Spectrum Beta-Lactamase (ESBL) Escherichia coli (ATCC BAA-196)	2 minutes

VIRUSES	CONTACT TIME
Avian Influenza Virus (H5N1) NIBRG-14	30 seconds
Severe Acute Respiratory Syndrome Related Coronavirus 2 USA-WA1/2020 BEI NR-52281	30 seconds
Human Rotavirus (ATCC VR-2018)	1 minute
Norovirus (Norwalk Virus)	2 minutes
Canine Parvovirus	2 minutes
Rhinovirus Type 14 (ATCC VR-284)	2 minutes
Feline Calicivirus	2 minutes
Rhinovirus Type 39	

MILDEW	CONTACT TIME
Spergillus niger (ATCC 6275)	10 minutes

#### **Product Application**

- Controlled environments and general institutional/industrial cleaning: Broad-spectrum efficacy (bacteria, viruses, fungi) and one-step cleaner and disinfectant.
- Sensitive surfaces and equipment: Good surface compatibility offers versatility and is not damaging.
- Healthcare and long-term care facilities: One step, ready to use effectively and efficiently clean and disinfect near-patient surfaces and equipment.
- Hospitality and school environments: No harsh chemicals, toxins, or added fragrances provide flexibility for use.

#### **Order Information**

Product	Number	Size (Net Contents)	Style	Bottles/Case
VersaQuat <sup>®</sup>	VQUAT1Q	32 Fl. Oz. (946mL)	Bottle w/trigger sprayer	1
VersaQuat <sup>®</sup>	VQUAT6Q	32 Fl. Oz. (946mL)	Bottle w/trigger sprayer	6
VersaQuat <sup>®</sup>	VQUAT4G	1 Gallon (3.785L)	Round Bottle	4

## **VERSAQUAT®**

One step cleaner & disinfectant comparison chart



VersaQuat<sup>®</sup> is an EPA-registered, RTU (ready-to-use) one-step disinfectant and cleaner which utilizes well-established and accepted quaternary ammonium chemistry with acceptable residue and safety profiles. With broad-spectrum, best-in-class efficacy claims (30 kill claims), VersaQuat<sup>®</sup> delivers consistent quality and intuitive usage. Recommended for use as a standard disinfectant as part of a disinfectant rotation program, VersaQuat<sup>®</sup> is ideal for use in laboratories, hospitals, home healthcare settings, and veterinary clinics and can also be used in offices, schools, gyms, and homes. Quick, effective, and convenient, VersaQuat<sup>®</sup> is not abrasive and is compatible with various hard, non-porous surfaces.

Property	VersaQuat®	Alcohol	Bleach	Accelerate Peroxide	Peracetic Acid + H2O2	Phenolics
Disinfection	1	1	1	<ul> <li>Image: A second s</li></ul>	✓	✓
Virucidal	1	1	1	1	$\checkmark$	✓
Fungicidal	1	x	1	1	1	$\checkmark$
Sporicidal	X	x	1	x	5	x
Sanitizer	1	1	1	$\checkmark$	5	$\checkmark$
No Pre-clean required	1	x	1	1	1	x
Short contact time	1	x	1	1	1	x
Shelf-life, Years	1	1	x	1	x	<ul> <li>Image: A second s</li></ul>
Low toxicity	1	x	x	1	x	x
Low residue	x	1	x	x	✓	x
Surface/Material compatible	1	1	x	1	x	$\checkmark$
Low-Odor/Fume	1	x	x	1	x	$\checkmark$
Non-flammable	1	x	1	1	5	$\checkmark$
No added dyes and fragrances	1	1	1	✓	1	x
No volatile organic compounds (VOC)	1	x	1	x	X	x
Low cost	1	x	$\checkmark$	x	x	x

Do you have questions or want to learn more about VersaQuat®?

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For additional technical data specifications about VersaQuat®, please visit www.berkshire.com to view and download our Product Information Sheet.



CONTAMINATION CONTROL PRODUCT CATALOG