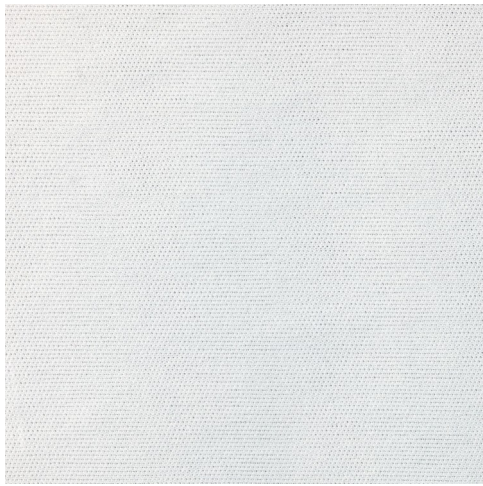


ValuSeal® IonX®

Sealed Edge Cleanroom Laundered 100% Polyester Knit Wiper

ValuSeal® IonX® is a laser sealed edge cleanroom laundered wiper recommended for ISO Class 3 and above environments. Composed of 100% polyester continuous filament yarns, its smooth knit construction and laser sealed edges make it ideal for applications requiring critically low levels of particle and fibres release along with durability and chemical compatibility. A proprietary ISO Class 4 cleanroom laundry process helps ensure ultra-low NVR and ionic contaminant levels, making ValuSeal® IonX® suitable for the most sensitive cleaning processes.



Key Attributes

- 100% continuous filament polyester knit
- Laser sealed edge for reduced fibres contamination
- Laundered and packaged in an ISO Class 4 cleanroom

Benefits

- Critically low particles, fibres, ions and extractables
- Chemically compatible with IPA, Acetone and other solvents
- Light weight material design reduces actual cost in use compared to heavier weight products
- Steam autoclavable

Applications

- Designed for use in ISO Class 3 and higher cleanroom environments
- Designed for the highest level of contamination control in critical processing applications
- Chamber cleaning and CMP processing
- Stencil and other print roll cleaning applications
- Steam autoclavable for aseptic applications
- Cleaning of medical device products
- Applying and removing cleaning and disinfecting solutions

Other ISO Class 3 and above wipers

- MicroSeal SuperSorb®
- MicroSeal SuperSorb® Lite
- UltraSeal® 3000
- MicroSeal® 1200
- MicroSeal® VP
- ValuSeal® LP
- ValuSeal® HA

Value Pack Option

The value pack option provides the same great performance in a more economical bulk packaging format.

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Japan	Tel 81 3 4530 9883	master@berkshire.co.jp

Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m ²	134	TAPPI T410
Caliper		µm	506	ASTM D1777
Fibress	≥100µm	fibress/cm ²	0.017	IEST-RP-CC004.4 Sec 7.1.3 /Sec 7.2.2
Particles	≥0.5µm	x10 ³ /cm ²	0.57	IEST-RP-CC004.4 Sec 7.1.3 /Sec 7.2.1
Sorbency	Capacity	mL/m ²	371	IEST-RP-CC004.4 Sec 9.1 /Sec 9.2 modified
	Efficiency	mL/g	2.8	
	Rate	seconds	1	
Non-Volatile Residue	DI Water	g/m ²	0.0032	IEST-RP-CC004.4 Sec 8.1.2
	IPA	g/m ²	0.011	
Ions	Na ⁺	ppm	0.0059	IEST-RP-CC004.4 Sec 8.2.2
	K ⁺	ppm	0.00089	
	Ca ⁺⁺	ppm	0.0070	
	Mg ⁺⁺	ppm	0.00013	
	Cl ⁻	ppm	0.011	

Notes:

- Technical data represented in this table are typical values at the time of publication. These should not be used as product specifications.
- Due to differences in test methods applied and equipment utilised by different wiper manufacturers, valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions
- Third party testing can be performed upon request

Order Information:

Product	Number	Size	Shts/pk	Pks/cs	Style
ValuSeal® IonX®	VSI.0909.14	9x9" (23x23cm)	150	14	Stacked
ValuSeal® IonX®	VSI.0909B.14	9x9" (23x23cm)	150 (bulk)	14	Value Pack
ValuSeal® IonX®	VSI.0708B.14	7x8" (18x20cm)	150 (bulk)	14	Value Pack

Other Berkshire Products



Wipers



Mop Systems



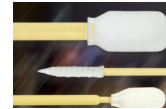
Face Masks



Glove Liners



Documentation Systems



Swabs