Berkshire
ENGINEERED CLEAN

Product Information
ISO Class 3 – 5
Cleanroom Class 1 – 100
EU Grade A/B

MicroSeal® NW Antistatic

100% Polyester Cleanroom Wiper

MicroSeal® NW Antistatic is a sealed edge knitted polyester wiper. A conductive fiber is knitted into the material to provide increased control over static. MicroSeal® NW wiper is laundered and packaged in an ISO class 4 cleanroom

Key Attributes

- 100% knitted polyester which attracts and dissipates the charge
- Sealed edge with antistatic fiber which dissipates static charges
- Laundered and packaged in Berkshire's ISO Class 4 cleanroom
- Lot traceability
- Double bagged

Benefits

- Chemically compatible with common cleaning and disinfecting solutions
- High abrasion resistance
- Ultrasonically sealed edge for extremely low fiber release

Applications

- Designed for use in ISO Class 3 and higher cleanroom environments
- Ideal for use in critical application where contamination and static control are a concern
- Excellent solution for semiconductor and electronic manufacturers

www.berkshire.com
Contact: Tel 1 800 242 7000 / 1 413 528 2602
info@berkshire.com

America	Tel 1 413 528 2602	Fax 1 413 528 2614	info@berkshire.com
Europe	Tel 44 (0) 870 757 2877	Fax 44 (0) 870 757 2878	enquiries@berkshire.uk.com
SE Asia	Tel 65 6252 4313	Fax 65 6252 4312	enquiries@berkshire.com.sg
Japan	Tel 81 3 5827 2380	Fax 81 3 5827 2382	master@berkshire.co.jp

BC_3077_10-2018

Berkshire
ENGINEERED CLEAN

Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m^2	**145**	TAPPI T-410
Caliper		µm	**593**	TAPPI T-411
Fibers	≥100µm	$fibers/cm^2$	**0.094**	IEST-RP.CC004.3, Sec 6.1.4 / Sec 6.2.2
Particles	≥0.5µm	$x10^3/cm^2$	**2.6**	IEST-RP.CC004.3, Sec 6.1.4 / Sec 6.2.1
Sorbency	Capacity	mL/m^2	**454**	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	**3.1**	
	Rate	seconds	**2**	
Non-Volatile Residue	DI Water	g/m^2	**0.0028**	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m^2	**0.0066**	
Ions	Na^+	ppm	**0.0072**	IEST-RP.CC004.3, Sec 7.2.2
	K^+	ppm	**0.0019**	
	Ca^{++}	ppm	**0.018**	
	Mg^{++}	ppm	**0.00015**	
	Cl^-	ppm	**0.014**	

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 utilized 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
MicroSeal® NW	MSNW.0909.10	9x9" (23x 23cm)	150	10	Stacked

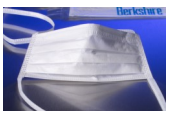
Other Berkshire products

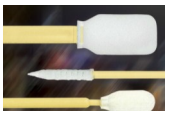
Wipers

Glove Liners

Mop Systems

Documentation Systems


Face Masks


Swabs