



PRODUCT SPECIFICATION

LASER CUT LAUNDERED POLYESTER NON-FOLDED WIPES STERILE AND NON-STERILE

WhiteGuard **3**

PRODUCT INFORMATION

PRODUCT DESCRIPTION

Specifically designed for use in Cleanroom Environments as a hard surface wipe especially suitable for product transfer areas the Micronclean range of Polyester wipes is available in both Sterile and Non-Sterile. Micronclean Polyester wipes are produced from a knitted fabric manufactured from 100% continuous filament polyester and have laser sealed edges.

All laundered wipes are processed in a ISO Class 5 (Class 100) Cleanroom and packed in an ISO 4 (Class 10) Cleanroom.

PRODUCT FEATURES

Reduced particle release.
Good absorbency.
Produced from a knitted fabric manufactured from 100% continuous filament polyester.
Available in Sterile and Non-Sterile Forms.
Various sizes and pack configurations to match your needs.

STERILISATION

Where applicable Gamma irradiation (minimum 25kGy dose).

PACKAGING

Supplied packed in an inner and outer Polyethylene bag.

QUALITY ASSURANCE

Product supplied under BS EN ISO 9001 registered systems.

SHELF LIFE

2 years from date of manufacture:
WSPW80009, MCDELN50S.

3 years from date of manufacture:
WNTG04009, WNTG05012, WSDPE5010.

STORAGE CONDITIONS

Store in cool, well-ventilated area.

TECHNICAL INFORMATION

POLYESTER SPECIFICATION

Basis Weight		135 ± 5 gsm - WNTG04009, MCDELN50S 120 ± 5 gsm - WSDPE5010, WNTG05012, WSPW80009
Thickness		0.48 – 0.56 mm
Absorbency Capacity (IEST-RP-CC004.3, Sec 8.1)		≥ 300 ml/m ²
Absorbency Rate (IEST-RP-CC004.3, Sec 8.2)		< 1.0 sec
Organics by FTIR (IEST-RP-CC004.3, Sec 7.2.1)		No Silicone oil, Amide, DOP detected
Non-volatile Residue, NVR (IEST-RP-CC004.3, Sec 7.1.2)		
	In DI water	≤ 0.82 mg/g
	In IPA	
Particles by LPC sizes@ ≥ 0.5um(IEST-RP-CC004.3, Sec 6.1.4)		≤ 7.0 x 10 ⁶ counts/m ²
Particles by APC sizes@ ≥ 0.5um(IEST-RP-CC003.2, Helmke drum@10rpm)		≤ 50 counts/pc/cfm
Ionics, IC (IEST-RP-CC004.3, Sec 7.2.2)		≤ 0.24 mg/g - delete
	Cl	≤ 0.002 mg/g
	NO ₃	≤ 0.002 mg/g
	NO ₂	≤ 0.002 mg/g
	SO ₄	< 0.07 mg/g
	Na	≤ 0.002 mg/g
	K	≤ 0.02 mg/g
	Mg	≤ 0.002 mg/g
	Ca	≤ 0.040 mg/g

RECYCLING INFORMATION

Component Name:	Component Material:	Disposal:	Guidance:
Wipe	100% Polyester	Recyclable	Recycle unless used with hazardous materials then dispose of as hazardous waste
Product Label	Coated Paper with a Polyacrylate Adhesive	Non-recyclable	Remove from Polybag
Packaging Tape	Biaxially Oriented PP (BOPP) with Polyacrylate Adhesive	Non-recyclable	Remove from Box
Polybag	LDPE	Recyclable	Check with local authority , remove any labels
Box Label	Coated Paper with a Polyacrylate Adhesive	Non-recyclable Individually	Leave on Cardboard Box
Box	Cardboard	Recyclable	Remove Packaging Tape

ORDERING/PACKING INFORMATION

Non Sterile Code	Sterile Code	Description	Size	Pack Qty	Box Qty	Box Size	Weight
WNTG04009		WhiteGuard 3 Laser Cut Laundered Polyester Non-Folded Wipes Non-Sterile	230x230mm (9"x9")	100	10 packs of 100	480x250x260	9.8kg
WNTG05012		WhiteGuard 3 Laser Cut Laundered Polyester Non-Folded Wipes Non-Sterile	300x300mm (12"x12")	150	10 packs of 150	630x340x440	18.8kg
	WSDPE5010	WhiteGuard 3 Laser Cut Laundered Polyester Non-Folded Wipes Sterile	300x300mm (12"x12")	50	10 packs of 50	360x340x230	6.0kg
	WSPW80009	WhiteGuard 3 Laser Cut Laundered Polyester Non-Folded Wipes Sterile	230x230mm (9"x9")	150	10 packs of 150	490x260x360	10.2kg
	MCDELN50S	WhiteGuard 3 Laser Cut Laundered Polyester Non-Folded Wipes Sterile	300x300mm (12"x12")	50	10 packs of 50	383x383x383	8.8kg