

Cleanroom Wipes

55% Cellulose / 45% Polyester

Spunlace non-woven wipes are constructed from a hydroentangled, nonwoven blend of 55% cellulose and 45% polyester. This composite substrate has the highly absorbent properties of a natural fiber with the cleanliness and strength of a synthetic yarn. Recommended for use in cleanroom critical environments such as research labs, hospitals, and electronics manufacturers.

Laundered and packaged in a cleanroom. Vacuum-packed in solvent-safe, cleanroom-compatible polyethylene with an inner bag label. Available in three convenient sizes.

- 55% cellulose / 45% polyester nonwoven blend
- Cold knife cut edge
- High absorbency and low abrasion resistance
- Low levels of extractable and moderate particle counts

Physical Properties

Material:	55% cellulose, 45% polyester
Knit type:	Hydroentangled nonwoven
Edge design:	Cold knife cut
Basis weight:	56 g/m ²
Sorptive rate:	0.3 second
Cleanroom level:	ISO 6-7



Durable wipes are easy to handle.

Item No.	Description	Pack
LC-CPWIPE4X4	Cleanroom Wipes, 55% cellulose/45% polyester, 4" x 4"	1200 wipes
LC-CPWIPE9X9	Cleanroom Wipes, 55% cellulose/45% polyester, 9" x 9"	300 wipes
LC-CPWIPE12X12	Cleanroom Wipes, 55% cellulose/45% polyester, 12" x 12"	300 wipes



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Specifications

55% cellulose/45% polyester wipes are recommended for use in cleanroom critical environments such as research labs, hospitals, and electronics manufacturers.

Laundered in a cleanroom and vacuum-packed in solvent-safe, cleanroom-compatible polyethylene with an inner bag label. Available in three convenient sizes.

Features

- 55% cellulose/45% polyester blend
- Hydroentangled nonwoven knit
- Cold knife cut edge
- High absorbency and low abrasion resistance
- Low levels of extractable and moderate particle counts

Uses

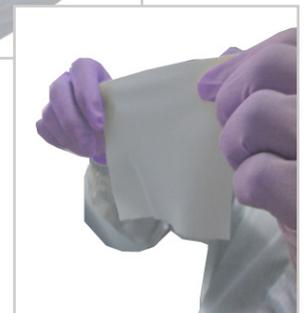
- Cleanroom wipedown, ISO Class 6-7
- Electronics displays
- Instrument panels
- Medical devices
- Semiconductors and microelectronics

Industries

- Aerospace
- Electronics
- Healthcare
- Laboratories
- Manufacturing
- Packaging
- Pharmaceutical



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Specifications

Physical Properties

Material	55% cellulose, 45% polyester
Knit type	Hydroentangled nonwoven
Edge design	Cold knife cut
Cleanroom compatibility	ISO 6-7
Packaging	Vacuum-packed, solvent safe polyethylene
Launder and package environment	ISO Class 5 cleanroom

Technical Performance

Attribute	Value	Unit	Test Method
Basis weight	56	g/m ²	TAPPI T-410
Absorbency			
Sorptive Capacity	331	mL/m ²	IEST-RP.CC004.3, Sec 8.1/Sec 8.2
Sorptive Efficiency	5.22	mL/g	
Sorptive Rate	0.3	second	
Particle Counts			
LPC: ≥ 0.5 µm	494.5	10 ⁶ particles/m ²	IEST-RP.CC004.3, Sec 6.1.3/Sec 6.2.1
Fibers: > 100 µm	212700	fibers/m ²	IEST-RP.CC004.3, Sec 6.1.3/Sec 6.2.2
Non-Volatile Residue			
IPA Extractant	0.0001	g/m ²	IEST-RP.CC004.3, Sec 7.1.2
Extractable Counts (Ions)			
Sodium (Na⁺)	14.88	ppm	IEST-RP.CC004.3, Sec. 7.2.2
Potassium (K⁺)	5.36	ppm	
Calcium (Ca²⁺)	8.93	ppm	
Fluoride (F⁻)	< 0.09	ppm	
Nitrite (NO₂)	< 0.01	ppm	
Bromide (Br⁻)	< 0.06	ppm	
Magnesium (Mg²⁺)	< 0.12	ppm	
Ammonium (NH₄⁺)	< 0.03	ppm	
Nitrate (NO₃⁻)	< 1.19	ppm	
Phosphate (PO₄³⁻)	< 0.12	ppm	
Chloride (Cl⁻)	23.80	ppm	
Sulfate (SO₄²⁻)	23.81	ppm	



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