

Polynit Z Wipes

Electrostatic dissipative polyester wipes

Polynit-Z Wipe is constructed using conductive yarns within the polyester interlock knit that features an unidirectional conductive pattern. It is a very clean static dissipative wipe that is well suited for applications sensitive to electrostatic discharge. The average surface resistivity is 3.5×10^{10} ohms/sq.



Polynit-Z wipes have laser-cut edges which seal fibers at the wipe's edge. The wipes are ideal for cleaning the interior surface of process tools and other equipment.

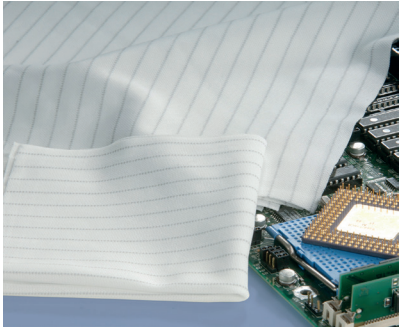
These wipes meet the requirements of USP<797> and IEST-CC-RP004.4 for "non-shedding, low-lint, lint-free wipes".



Features	Benefits
Unidirectional conductive pattern	<ul style="list-style-type: none">• Suited for sensitive electrostatic discharge applications
Polyester fabric	<ul style="list-style-type: none">• Extremely low in both particles and extractables• Abrasion and chemical resistant
Good sorbency	<ul style="list-style-type: none">• Compatible with many solvents

Part No.	Description	Size	Packaging
LWZS0001	Polynit Z Wipes, Flat stacked	9" x 9" (230 x 230 mm)	75/bag; 16 bags/case

Product Information	
Material	100% polyester
Construction	Interlock knit
Packaging materials	Outer bags (OB1, OB2), low density polyethylene (LDPE)  Case (CS), corrugated fiberboard (PAP) 
Environment	ISO 3-8 Grade C/D



Technical Data		
Attribute (units)	Typical Value	Test Method
Basis weight, nominal; (g/m²)	140	Contec Method
Sorbent capacity; (mL/m²)	303	IEST-RP-CC004.3, Sec. 8.1
Sorptive rate; (seconds)	2	
Non-volatile residue, NVR		IEST-RP-CC004.3, Sec. 7.1.2
In deionized water; (g/m²)	0.005	
In isopropyl alcohol; (g/m²)	0.007	
Specific ions		IEST-RP-CC004.2, Sec. 7.2.2
Sodium; (ppm)	0.059	
Chloride; (ppm)	0.042	
Particles, readily releasable		IEST-RP-CC004.2, Sec. 5.1
Particles ≥ 0.5µm; (x10⁶/m²)	2.20	
Fibers ≥ 100µm; (x 10³/m²)	1.240	

Recycle Symbols

PET	
HDPE	
LDPE	
PP	
PAP	

Packaging	EA/OB1	OB1/OB2	OB2/CS	EA/CS
LWZS0001	75	2	8	1,200

EA = each; OB = outer bag; CS = case

Notes
a) The data shown are typical values and should not be used as product specifications.
b) Valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions.
c) Current and/or comparison data may be available. Please contact a Contec sales representative for details.
d) All of Contec's packaging is compatible with hydrogen peroxide gassing applications.
e) These wipes are free of lint and loose fibers, and meet the definition of lint-free/low linting wipes according to the United States Pharmacopoeia Chapter 797 (USP–NF General Chapter <797> Pharmaceutical Compounding -Sterile Preparations) and the Institute of Environmental Sciences and Technology Recommended Practice IEST-RP-CC004.4

Test Methods:
1. CTM = Contec Test Method
2. IEST-RP-CC004.3 = Evaluating Wiping Materials Used in Cleanroom and Other Controlled Environments, Institute of environmental Sciences and Technology, Rolling Meadows IL.

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