

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.



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/m ²)	140	Contec Method
Sorbent capacity; (mL/m ²)	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/m ²)	0.005	
In isopropyl alcohol; (g/m ²)	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; (x10 ⁶ /m ²)	2.20	
Fibers ≥ 100µm; (x 10 ³ /m ²)	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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