## **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  $3.5 \times 10^{10}$  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	Suited for sensitive electrostatic discharge applications
Polyester fabric	<ul><li>Extremely low in both particles and extractables</li><li>Abrasion and chemical resistant</li></ul>
Good sorbency	Compatible with many solvents

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

PDSW029 | 090822

Copyright © 2022 Contec, Inc. All rights reserved.

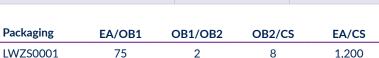
Contact us: info@contecinc.com contecinc.com Contec, Inc. Spartanburg, SC 29303 USA tel: +1-864-503-8333



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

## Technical Data

iechnical 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 $\geq 0.5 \mu m$ ; (x10 <sup>6</sup> /m <sup>2</sup> )	2.20				
Fibers <u>&gt;</u> 100µm; (x 10³/m²)	1.240				





PET 1



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.

PDSW029 | 090822

Copyright © 2022 Contec, Inc. All rights reserved.

Contact us: info@contecinc.com contecinc.com Contec, Inc. Spartanburg, SC 29303 USA tel: +1-864-503-8333

