

Amplitude™ Prozorb® Wipes

Textured cellulose/polyester nonwoven wipes



Amplitude™ Prozorb® wipes are a hydroentangled blend of cellulose and polyester, produced through a special process that creates apertures in the fabric while enhancing the thickness and providing excellent cleanliness. The resulting wipe has a durable textured surface that promotes its cleaning and particle removal capability. This unique manufacturing process also give this wipe excellent sorbency, it probably has the greatest level of intrinsic sorbency and quickest rate of sorbency of any similar weight nonwoven wipe. This coupled with the low level of particles and extractables make this wipe ideal for spill clean up in critical environments, biofilm and residue removal, product wipe down prior to cleanroom entry and wiping to dry.

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



Features	Benefits
Textured surface	<ul style="list-style-type: none">• Promotes effective cleaning and particle removal
Low levels of particles and extractables	<ul style="list-style-type: none">• Great for spill clean up and wiping to dry in critical environments• Ideal for product wipe down prior to cleanroom entry
Excellent sorbency	<ul style="list-style-type: none">• Greatest level of intrinsic sorbency and quickest rate of sorbency of any similar weight nonwoven wipe

Part No.	Description	Size	Packaging
PZ-44	Amplitude Prozorb Wipes, Flat stacked	4" x 4" (102 x 102 mm)	800/bag; 12 bags/case
PZ-99	Amplitude Prozorb Wipes, Flat stacked	9" x 9" (230 x 230 mm)	200/bag; 12 bags/case
PZ-1212	Amplitude Prozorb Wipes, Flat stacked	12" x 12" (305 x 305 mm)	100/bag; 18 bags/case
PZ-100	Amplitude Prozorb Roll	24" x 100 yards (609 mm x 91.4 m)	100/roll

Product Information	
Material	Cellulose/polyester
Construction	Hydroentangled, aperatured
Packaging materials	Outer bags (OB1, OB2), low density polyethylene (LDPE)  Case (CS), corrugated fiberboard (PAP) 
Environment	ISO 5-8 Grade C/D



Recycle Symbols				
PET	HDPE	LDPE	PP	PAP
				

Technical Data		
Attribute (units)	Typical Value	Test Method
Basis weight, nominal; (g/m ²)	55	Contec Method
Sorbent capacity; (mL/m ²)	344	IEST-RP-CC004.3, Sec. 8.1
Sorptive rate; (seconds)	<1	
Non-volatile residue, NVR		IEST-RP-CC004.3, Sec. 7.1.2
In deionized water; (g/m ²)	0.010	
In isopropyl alcohol; (g/m ²)	0.010	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	14.5	
Chloride; (ppm)	17.0	
Particles, readily releasable		IEST-RP-CC004.2, Sec. 5.1
Particles $\geq 0.5\mu\text{m}$; ($\times 10^6/\text{m}^2$)	29.7	
Fibers $\geq 100\mu\text{m}$; ($\times 10^3/\text{m}^2$)	35.8	

Packaging	YD/RL
PZ-100	100

	EA/OB1	OB1/OB2	OB2/CS	EA/CS
PZ-44	800	1	12	9,600
PZ-99	200	1	12	2,400
PZ-1212	100	1	18	1,800

EA = each; OB = outer bag; CS = case; YD = yard; RL = roll

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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