



Amplitude™ Prozorb®

Textured cellulose/polyester nonwoven wipe

Description

This spunlaced wipe consists of 46% cellulose and 54% polyester produced through a special process that creates apertures in the fabric while enhancing the thickness and provides excellent cleanliness. The resulting wipe has a durable, textured surface that promotes cleaning and particle removal capability, has excellent sorbency and low extractable contaminants. The unique manufacturing process gives this wipe the greatest level of intrinsic sorbency, and quickest rate of sorbency of any cleanroom compatible nonwoven wipe available.

Technical Data

Wipe material Cellulose/ polyester aperatured
 Wipe construction Hydroentangled

Attribute; (units)	Value	Test Method
Basis weight; nominal (g/m ²)	55	Contec Method
Sorbency in water		
Intrinsic; (mL/g)	6.7	IEST-RP-CC004.3, Sec. 8.1
Extrinsic; (mL/m ²)	367	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)	0.008	
In isopropanol; (g/m ²)	0.007	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	22.2	
Chloride; (ppm)	16.5	
Particles, readily releasable		IEST-RP-CC004.2, Sec. 5.1
P ≥ 0.5µm; (x10 ⁶ /m ²)	29.7	
Fibers > 100µm; (x10 ³ /m ²)	11	IEST-RP-CC004.2, Sec. 5.2

Part Number	Description	EA/OB1	OB1/OB2	OB2/CS	EA/CS
PZ-44	Amplitude Prozorb Wipe, 4" x 4" (10 x 10cm)	800	1	12	9600
PZ-99	Amplitude Prozorb Wipe, 9" x 9" (23 x 23cm)	200	1	12	2400
PZ-1212	Amplitude Prozorb Wipe, 12" x 12" (30 x 30cm)	100	1	18	1800

Part Number	Description	YD/RL
PZ-100	Amplitude Prozorb Roll, 24" x 100 yards (61 x 9,144cm)	100

Key: EA = Each, OB1 = Outer Bag 1, OB2 = Outer Bag 2, CS = Case, YD = Yard, RL = Roll

Notes:

- 1) The information presented here is applicable to the part numbers shown above as well as to any product containing the same materials and produced under the same conditions, regardless of product size or packaging configuration. Please contact a Contec sales representative for more details.
- 2) Data shown are typical values and should not be used as product specifications.
- 3) Valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions.
- 4) Current and/or comparison data may be available. Please contact a Contec sales representative for details.

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