



Amplitude™ Sigma™

Hydroentangled cellulose/polyester wipe

Description

The Amplitude Sigma wipe is made from Sontara® nonwoven fabric comprised of a hydroentangled blend of 55% cellulose and 45% polyester staple fibers. The Sigma wipe is strong and durable, even when wet, and is low in extractable residues and particles. It has outstanding sorbency and is an excellent all-purpose wipe. Available sterile per AAMI Guidelines as Contec SterileSorb, C2-99IR or C2-1212IR.

Technical Data

Wipe material	Cellulose/ polyester	
Wipe construction	Hydroentangled nonwoven	
Attribute; (units)	Value	Test Method
Basis weight; nominal (g/m ²)	68	Contec Method
Sorbency in water		
Intrinsic; (mL/g)	4.3	IEST-RP-CC004.3, Sec. 8.1
Extrinsic; (mL/m ²)	308	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)	0.003	
In isopropanol; (g/m ²)	0.005	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	10.7	
Chloride; (ppm)	3.0	
Particles, readily releasable		IEST-RP-CC004.2, Sec. 5.1
P ≥ 0.5µm; (x10 ⁶ /m ²)	37.1	
Fibers > 100µm; (x10 ³ /m ²)	38	IEST-RP-CC004.2, Sec. 5.2

*These products suitable for autoclave processing
Recommended cycle 121° C for 30 minutes

Part Number	Description	EA/OB1	OB1/OB2	OB2/CS	EA/CS
AMSI0001	Amplitude Sigma Wipe, 9" x 9" (23 x 23cm), double bagged	300	1	12	3600
AMSI0002	Amplitude Sigma Wipe, 12" x 12" (30 x 30cm), double bagged	150	1	18	2700
AMSI0003	Amplitude Sigma Wipe, 18" x 18" (46 x 46cm), double bagged	75	1	10	750

Key: EA = Each, OB1 = Outer Bag 1, OB2 = Outer Bag 2, BG = Bag, CS = Case

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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