

# Amplitude™ Sigma™ Wipes

## Cellulose/polyester hydroentangled nonwoven wipes

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.

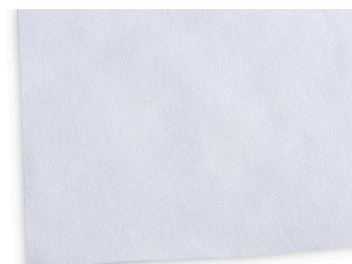
Available validated sterile as Contec® SterileSorb™.



Features	Benefits
Hydroentangled cellulose/polyester	<ul style="list-style-type: none"> <li>• Provides low levels of particles and extractables</li> </ul>
Variety of fibers and blends	<ul style="list-style-type: none"> <li>• Excellent for wiping and absorbing spills</li> <li>• Allows the wipe to be strong and durable both wet and dry</li> </ul>

Part No.	Description	Size	Packaging
AMSI0001	Amplitude Sigma Wipe, Flat stacked	9" x 9" (230 x 230 mm)	300/bag; 12 bags/case
AMSI0002	Amplitude Sigma Wipe, Flat stacked	12" x 12" (305 x 305 mm)	150/bag; 18 bags/case
AMSI0003	Amplitude Sigma Wipe, Flat stacked	18" x 18" (460 x 460 mm)	75/bag; 10 bags/case
NWCP0100	Amplitude Sigma Mop Wipe	12" x 16" (305 x 406 mm)	50/bag; 20 bags/case

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



Technical Data		
Attribute (units)	Typical Value	Test Method
Basis weight, nominal; (g/m <sup>2</sup> )	68	Contec Method
Sorbent capacity; (mL/m <sup>2</sup> )	314	IEST-RP-CC004.3, Sec. 8.1
Sorptive rate; (seconds)	<1	IEST-RP-CC004.3, Sec. 8.2
Non-volatile residue, NVR		IEST-RP-CC004.3, Sec. 7.1.2
In deionized water; (g/m <sup>2</sup> )	0.009	
In isopropyl alcohol; (g/m <sup>2</sup> )	0.009	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	13.1	
Chloride; (ppm)	9.5	
Particles, readily releasable		IEST-RP-CC004.2, Sec. 5.1
Particles ≥ 0.5µm; (x10 <sup>6</sup> /m <sup>2</sup> )	32.7	
Fibers ≥ 100µm; (x 10 <sup>3</sup> /m <sup>2</sup> )	22.0	

Recycle Symbols

PET	
HDPE	
LDPE	
PP	
PAP	

Packaging	EA/OB1	OB1/OB2	OB2/CS	EA/CS
AMSI0001	300	1	12	3,600
AMSI0002	150	1	18	2,700
AMSI0003	75	1	10	750
NWCP0100	50	1	20	1,000

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.

PDSW004 | 090822 | ETR278, 4366

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