

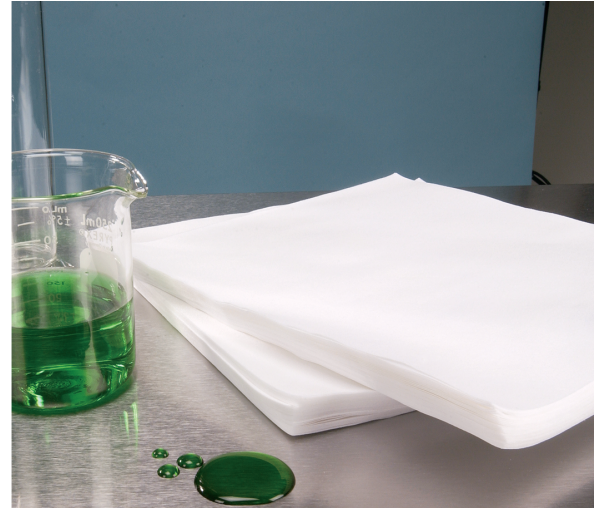
Amplitude™ Sigma™ Wipes

Cellulose/polyester hydroentangled nonwoven wipes

The Amplitude™ Sigma™ wipe is made from Sontara® nonwoven fabric comprised of a hydroentangled blend of 58% cellulose and 42% 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.

Irradiated at no less than 25 kGy is available.



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

Part No.	Description	Size	Packaging
AMSI0101	Amplitude Sigma Wipe Flat stacked	9" x 9" (230 x 230 mm)	300/bag; 12 bags/case
AMSI0102	Amplitude Sigma Wipe Flat stacked	12" x 12" (305 x 305 mm)	150/bag; 18 bags/case
AMSI0103	Amplitude Sigma Wipe Flat stacked	6" x 6" (150 x 150 mm)	150/bag; 72 bags/case
AMSI0104	Amplitude Sigma Wipe Flat stacked	4" x 4" (100 x 100 mm)	300/bag; 40 bags/case
AMSI1001	Amplitude Sigma Wipe Flat stacked, Irradiated	9" x 9" (230 x 230 mm)	50/bag; 40 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 ²)	62.3	Contec Method
Sorbent capacity; (mL/m ²)	272.8	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 ²)	0.022	
In isopropyl alcohol; (g/m ²)	0.008	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	71.6	
Chloride; (ppm)	44.9	
Particles, readily releasable		IEST-RP-CC004.2, Sec. 5.1
Particles ≥ 0.5µm; (x10 ⁶ /m ²)	75.06	

Recycle Symbols

PET	
HDPE	
LDPE	
PP	
PAP	

Packaging	EA/OB1	OB1/OB2	OB2/CS	EA/CS
AMSI0101	300	1	12	3,600
AMSI0102	150	1	18	2,700
AMSI0103	150	4	18	10,800
AMSI0104	300	4	10	12,000
AMSI1001	50	1	40	2,000

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. IEST-RP-CC004.2/4.3 = Evaluating Wiping Materials Used in Cleanroom and Other Controlled Environments, Institute of environmental Sciences and Technology, Rolling Meadows IL.