

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.

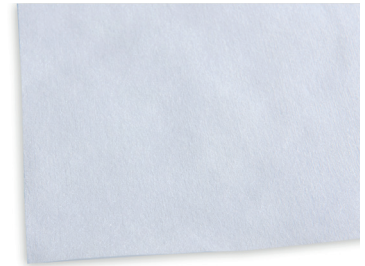


Features	Benefits
Hydroentangled cellulose/polyester	Provides low levels of particles and extractables
Variety of fibers and blends	- Excellent for wiping and absorbing spills - Allows the wipe to be strong and durable both wet and dry

Part No.	Description	Size	Packaging
NWCP-0004	Amplitude Sigma Wipe Flat stacked	9" x 9" (230 x 230 mm)	100/bag; 36 bags/case
NWCP-0004 COOP	Amplitude Sigma Wipe Flat stacked	9" x 9" (230 x 230 mm)	100/bag; 10 bags/case
NWCP-0004S	Amplitude Sigma Wipe Irradiated Flat stacked	9" x 9" (230 x 230 mm)	100/bag; 10 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)	68	Contec Method
Sorbent capacity; (mL/m ²)	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 ²)	0.009	
In isopropyl alcohol; (g/m ²)	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 $\geq 0.5\mu\text{m}$; ($\times 10^6/\text{m}^2$)	32.7	
Fibers $\geq 100\mu\text{m}$; ($\times 10^3/\text{m}^2$)	22.0	

Recycle Symbols

PET	
HDPE	
LDPE	
PP	
PAP	

Packaging	EA/OB1	OB1/OB2	OB2/CS	EA/CS
NWCP-0004	100	1	36	3,600
NWCP-0004 COOP	100	1	10	1,000
NWCP-0004S	100	1	10	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:

- CTM = Contec Test Method
- 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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