

Amplitude™ Kappa™ Wipes

Polyester/lyocell nonwoven wipes

A special hydroentangling process washes the Amplitude™ Kappa™ fabric, made of 58% polyester and 42% lyocell (high quality rayon), to provide higher levels of cleanliness, sorbency and softness compared to similar nonwoven wipes. Featuring a fine aperture and low levels of fibers and particles, these wipes are ideal for wiping delicate surfaces and sensitive components, as well as for other critical applications.



Amplitude Kappa wipes are highly sorbent with both water and solvents and have low levels of particles and fibers. Ideal for wiping delicate surfaces such as optics, plastic and sensitive components or polishing metal surfaces.

These wipes meet the requirements of USP<797> and IEST-CC-RP004.4 for "non-shedding, low-lint, lint-free wipes".

Features	Benefits
Low levels of particles and fibers	<ul style="list-style-type: none"> Ideal for wiping delicate surfaces and sensitive components, as well as for other critical applications
Hydroentangled process	<ul style="list-style-type: none"> Provides a soft texture for sensitive applications The Amplitude Kappa provides higher levels of cleanliness, sorbency and softness compared to other similar nonwoven wipe Highly sorbent with both water and solvents

Part No.	Description	Size	Packaging
AMLP0003	Amplitude Kappa Wipes, Flat stacked	9" x 9" (230 x 230 mm)	250/bag; 12 bags/case

Product Information	
Material	Polyester/lyocell
Construction	Hydroentangled, aperatured
Packaging materials	Outer bags (OB1), 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)	61	Contec Method
Sorbent capacity; (mL/m ²)	395	IEST-RP-CC004.3, Sec. 8.1
Sorptive rate; (seconds)	<1.0	
Non-volatile residue, NVR		IEST-RP-CC004.3, Sec. 7.1.2
In deionized water; (g/m ²)	0.024	
In isopropyl alcohol; (g/m ²)	0.011	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	13.66	
Chloride; (ppm)	12.46	
Particles, readily releasable		IEST-RP-CC004.2, Sec. 5.1
Particles $\geq 0.5\mu\text{m}$; ($\times 10^6/\text{m}^2$)	16.3	
Fibers $\geq 100\mu\text{m}$; ($\times 10^3/\text{m}^2$)	22	

Recycle Symbols

PET	
HDPE	
LDPE	
PP	
PAP	

Packaging	EA/OB1	OB1/OB2	EA/CS
AMLP0003	250	12	3,000

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.