

# Amplitude™ Sterile Kappa™ Low Endotoxin Wipes

## Cellulose/polyester hydroentangled nonwoven wipes



Amplitude™ Sterile Kappa™ LE Wipes are made with Sontara® lyocell/polyester blend fabric. These low endotoxin wipes have excellent sorbency and are validated sterile. Amplitude Kappa Sterile LE wipes are lot tested and low endotoxin certified to <20 EU wipe.

The packaging allows for easy opening even when wearing gloves and the small quantities per pack minimize the possibility of any wastage. These wipes are ideal when increased sorbency is needed or a textured surface is required for efficient cleaning and particle removal. The wipes are also highly suitable for spill control and wiping-to-dry.



Features	Benefits
Peelable outer bag and linear tear inner bag	<ul style="list-style-type: none"> <li>Allows for easy opening even when wearing gloves</li> </ul>
Small quantities per pack	<ul style="list-style-type: none"> <li>Minimize the possibility of any wastage</li> </ul>
Guaranteed endotoxin levels of <20EU/wipe	<ul style="list-style-type: none"> <li>Suitable for use near product contact surfaces</li> </ul>
Validated sterile to a 10 <sup>-6</sup> SAL per ANSI/AAMI/ISO 11137 guidelines	<ul style="list-style-type: none"> <li>Suitable for use in aseptic suites and the most critical pharmaceutical cleanrooms</li> </ul>

Part No.	Description		Size	Packaging
NWPZ0001	Amplitude Kappa Sterile LE Wipe, Flat stacked		9" x 9" (230 x 230 mm)	25/bag; 40 bags/case
NWPZ0002	Amplitude Kappa Sterile LE Wipe, Flat stacked		12" x 12" (305 x 305 mm)	25/bag; 40 bags/case

Product Information	
Material	• Lyocell/polyester
Construction	• Hydroentangled, aperatured
Packaging Materials	• Outer bags (OB1, OB2), low density polyethylene (LDPE)  Case (CS), corrugated fiberboard (PAP) 
Environment	• ISO 5-8 Grade C/D
Shelf Life	• Sterile: 2 years from manufacturing date



Technical Data		
Attribute (units)	Typical Value	Test Method
Basis weight, nominal; (g/m <sup>2</sup> )	61	Contec Method
Non-volatile residue, NVR		IEST-RP-CC004.3, Sec. 7.1.2
In deionized water; (g/m <sup>2</sup> )	0.024	
In isopropyl alcohol; (g/m <sup>2</sup> )	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 ≥ 0.5µm; (x10 <sup>6</sup> /m <sup>2</sup> )	16.3	
Fibers ≥ 100µm; (x 10 <sup>3</sup> /m <sup>2</sup> )	22	IEST-RP-CC004.2, Sec. 5.2

Recycle Symbols

- PET 
- HDPE 
- LDPE 
- PP 
- PAP 

Packaging	EA/OB1	OB1/OB2	OB2/CS	EA/CS
NWPZ0001	25	4	10	1,000
NWPZ0002	25	4	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:**  
 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.

PDSW016 | 090822 | ETR2975, 2976

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