



# Amplitude™ Lambda™

Hydroentangled cellulose/polyester wipe

## Description

The Amplitude Lambda wipe is made from a nonwoven fabric comprised of a hydraulically entangled blend of 58% cellulose and 42% polyester staple fibers. The Lambda wipe is strong and durable, even when wet, and is low in particles and extractable residues. An excellent all-purpose wipe with outstanding sorbency, it is ideal for general purpose cleaning in biotech, pharmaceutical, semiconductor, electronics, medical devices, and printed circuit board industries.

## Technical Data

Wipe material	Cellulose/ polyester	
Wipe construction	Hydroentangled nonwoven	
Attribute; (units)	Value	Test Method
Basis weight; nominal (g/m <sup>2</sup> )	65	Contec Method
Sorbency in water		
Intrinsic; (mL/g)	4.9	IEST-RP-CC004.3, Sec. 8.1
Extrinsic; (mL/m <sup>2</sup> )	313	IEST-RP-CC004.3, Sec. 8.1
Sorptive rate; (seconds)	<1	IEST-RP-CC004.3, Sec. 8.2 Modified
Nonvolatile residue, NVR		IEST-RP-CC004.3, Sec. 7.1.2
In deionized water; (g/m <sup>2</sup> )	0.040	
In isopropanol; (g/m <sup>2</sup> )	0.027	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	119	
Chloride; (ppm)	130	
Particles, readily releasable		IEST-RP-CC004.2, Sec. 5.1
P ≥ 0.5µm; (x10 <sup>6</sup> /m <sup>2</sup> )	20.8	
Fibers > 100µm; (x10 <sup>3</sup> /m <sup>2</sup> )	43.8	IEST-RP-CC004.2, Sec. 5.1

Part Number	Description	EA/OB1	OB1/OB2	OB2/CS	EA/CS
AMLA0001	Amplitude Lambda Wipe, 9" x 9" (23 x 23cm), double bagged	300	1	12	3600
AMLA0002	Amplitude Lambda Wipe, 12" x 12" (30 x 30cm), double bagged	150	1	18	2700
AMLA0004	Amplitude Lambda Wipe, 4" x 4" (10 x 10cm), double bagged	1200	1	12	14,400

Key: EA = Each, OB1 = Outer Bag 1, OB2 = Outer Bag 2, CS = Case

### Notes:

- 1) The information presented here is applicable to the part numbers shown above as well as to any product containing the same materials and produced under the same conditions, regardless of product size or packaging configuration. Please contact a Contec sales representative for more details.
- 2) Data shown are typical values and should not be used as product specifications.
- 3) Valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions.
- 4) Current and/or comparison data may be available. Please contact a Contec sales representative for details.

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