



# Amplitude™ Sigma™

Hydroentangled cellulose/polyester wipe

## Description

The Amplitude Sigma wipe is made from DuPont™ Sontara® nonwoven fabric comprised of a hydraulically entangled 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. The Sigma wipe has outstanding sorbency and is an excellent all-purpose wipe.

## Features and Benefits

- Excellent general purpose wipe
- Low levels of particles and residues
- Extremely absorbent
- Available sterile per AAMI Guidelines

## Applicability

The information presented here is applicable to the part numbers shown below, 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.

AMSI0001, AMSI0002, AMSI0003, C2-99IR, C2-1212IR, NWCP0002, ANTICON (497600-600, 497600-900)

## Technical Data

Attribute; (units)	Value **	Test Method
Basis weight; (g/m <sup>2</sup> )	70	
Sorbency in water		
Intrinsic; (mL/g)	4.03	IEST-RP-CC004.2, Sec. 7.1
Extrinsic; (mL/m <sup>2</sup> )	281	IEST-RP-CC004.2, Sec. 7.1
Sorptive rate; (seconds)	<1	
Non-volatile residue, NVR		IEST-RP-CC004.2, Sec. 6.1.2
In deionized water; (g/m <sup>2</sup> )	0.007	
In isopropanol; (g/m <sup>2</sup> )	0.003	
Specific ions		IEST-RP-CC004.2, Sec. 6.2.2
Sodium; (ppm)	30.8	
Chloride; (ppm)	20.3	
Particles, readily releasable		IEST-RP-CC004.2, Sec. 5.1
P ≥ 0.5µm; (x10 <sup>6</sup> /m <sup>2</sup> )	21.5	
Fibers > 100µm; (x10 <sup>3</sup> /m <sup>2</sup> )	37.7	IEST-RP-CC004.2, Sec. 5.2

\*\* ND = None detected; levels are below detection limit of test equipment

### Notes:

- 1) Data shown are typical values and should not be used as product specifications.
- 2) Valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions.
- 3) Current and/or comparison data may be available. Please contact a Contec sales representative for details.

Revision date: 08/03/11  
ETR 1610



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