



Amplitude™ EcoCloth™

Absorbent nonwoven cellulose/polyester wipe

Description

This spunlaced wipe made of 53% polyester and 47% cellulose hydroentangled fabric features enhanced sorbency and durability while remaining lightweight. Its sorbency exceeds comparable standard weight cellulose/polyester wipes. Contains low levels of particles and extractables and features good solvent compatibility. Ideal for wipe down of products prior to introduction into the cleanroom. The Amplitude™ EcoCloth™ is a cost effective solution for general purpose applications.

Technical Data

Attribute; (units)	Value	Test Method
Wipe material	Cellulose/ polyester	
Wipe construction	Hydroentangled	
Basis weight; nominal (g/m ²)	56	Contec Method
Sorbency in water		
Intrinsic; (mL/g)	6.4	IEST-RP-CC004.3, Sec. 8.1
Extrinsic; (mL/m ²)	356	IEST-RP-CC004.3, Sec. 8.1
Sorptive rate; (seconds)	<1	
Non-volatile residue, NVR		IEST-RP-CC004.3, Sec. 7.1.2
In deionized water; (g/m ²)	0.013	
In isopropanol; (g/m ²)	0.032	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	16.2	
Chloride; (ppm)	12.4	
Particles, readily releasable		IEST-RP-CC004.2, Sec. 5.1
P ≥ 0.5µm; (x10 ⁶ /m ²)	30.0	
Fibers > 100µm; (x10 ³ /m ²)	29	IEST-RP-CC004.2, Sec. 5.2

Part Number	Description	EA/OB1	OB1/OB2	OB2/CS	EA/CS
AMEC0001	Amplitude EcoCloth Wipes, 4" x 4" (10 x 10cm)	300	4	12	14400
AMEC0002	Amplitude EcoCloth Wipes, 6" x 6" (15 x 15cm)	300	1	20	6000
AMEC0003	Amplitude EcoCloth Wipes, 9" x 9" (23 x 23cm)	300	1	12	3600
AMEC0004	Amplitude EcoCloth Wipes, 12" x 12" (30 x 30cm)	150	1	14	2100
AMEC0005	Amplitude EcoCloth Wipes, 18" x 18" (46 x 46cm)	75	1	10	750
AMEC0007	Amplitude EcoCloth Wipes, 14" x 16" (36 x 41cm)	250	1	4	1000

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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