

Amplitude™ EcoCloth™

This spunlaced wipe made of cellulose/polyester fabric features enhanced sorbency while being economical due to its light weight. Its sorbency exceeds comparable standard weight cellulose/polyester wipes. Ideal for wipe down of products prior to introduction into the cleanroom.

- Cost effective solution for general purpose applications
- Lightweight, highly sorbent wipe
- Strong and durable hydroentangled fabric
- Good solvent compatibility
- Low levels of particles and extractables
- 15% usage reduction over traditional spunlace nonwovens

Applications

- Recommended for use in ISO Class 6 and above cleanroom applications
- Excellent for wiping and absorbing spills
- General purpose cleaning in biotech, pharmaceutical, medical device and similar industries
- Ideal for product wipe down prior to introduction into cleanroom environments
- Designed for nonabrasive applications





Amplitude™ EcoCloth™ Cleanroom Wipes

Meeting the Challenge

Contec®, the leader in developing innovative products, is pleased to introduce a new nonwoven wipe. The EcoCloth™ wipe has been engineered to have greater thickness in a lighter weight sheet. The increase in thickness greatly enhances the sorbent capacity (fewer wipes are required to pick-up spills) and also makes it easier for operators to pick up one wipe at a time.

Our engineers also kept Mother Earth in mind when developing the Amplitude EcoCloth wipe. Today's customers are looking for ways to reduce their solid waste disposal — for both financial and “eco” reasons. The combined effect of superior performance and lighter weight gives a potential reduction in wipe solid waste in excess of 40% (based on the dry weight of wipes disposed).

Features of EcoCloth Wipes

- Hydroentangled nonwoven wipe composed of a polyester/cellulose blend
- Low levels of particles and extractables
- Superior sorbency
- Greater thickness reduces operator waste
- Users can easily lift one wipe at a time
- Reduces solid waste in excess of 40%
- First wipe designed for the Cleanroom industry with Mother Earth in mind



Amplitude™ EcoCloth™ Nonwoven Cleanroom wipes are manufactured using a special hydroentangling process. They are engineered to have greater thickness in a lighter weight sheet, requiring fewer wipes for spill pick ups.



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Amplitude[™] EcoCloth[™] Cleanroom Wipes

Part #	Description	Wipers/Bag	Bags/Case
AMEC0001	4" x 4" (10.2cm x 10.2cm) wipe	1200	12
AMEC0002	6" x 6" (15.2cm x 15.2cm) wipe	300	20
AMEC0003	9" x 9" (22.9cm x 22.9cm) wipe	300	12
AMEC0004	12" x 12" (30.5cm x 30.5cm) wipe	150	14
AMEC0005	18" x 18" (45.7cm x 45.7cm) wipe	75	10

Notes:

Contact your Contec[®] representative for information and quotes on sizes and put-ups not listed.



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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

Wipe material	Cellulose/ polyester	
Wipe construction	Hydroentangled	
Attribute; (units)	Value	Test Method
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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