

Amplitude™ Pi Wipes

Nonwoven split microfiber wipes

Amplitude™ Pi Wipes are designed to help life science manufacturers control contamination and ultimately maintain cGMP compliance while consuming less resources. The wipes are made from polyester and nylon split microfiber, enhancing their cleaning effectiveness and contaminant pick-up ability. The 100 gsm microfiber fabric is highly sorbent and offers excellent particle pick up compared to other nonwoven microfiber wipes.

These wipes are compatible with a wide range of solvents and disinfectants. They can be used in all areas of the cleanroom including tables, equipment and irregular surfaces. Amplitude Pi Wipes are ideal for pharmaceutical, biotechnology and medical device manufacturers.

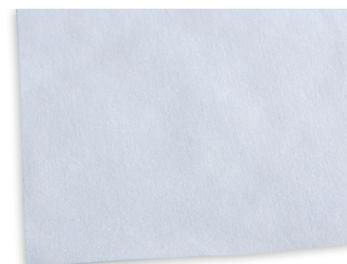
These wipes meet the requirements of USP<797> and IEST-CC-RP004.4 for “non-shedding, low-lint, lint-free wipes”.



Features	Benefits
Hydroentangled microfiber fabric	<ul style="list-style-type: none"> • Highly sorbent with good wet strength • Allows metered release of solvent to give increased surface coverage • Increased cleaning effectiveness and contaminant pick-up
Polyester and nylon split microfiber	<ul style="list-style-type: none"> • Low levels of particles and fibers so suitable for cleanroom use
No binders or additives	<ul style="list-style-type: none"> • Leaves no residue on the cleanroom surface

Part No.	Description	Size	Packaging
AMPI0001	Amplitude Pi Wipes Flat Stacked	9" x 9" (230 x 230 mm)	100/bag; 20 bags/case

Product Information	
Material	70% Polyester/30% PA6 (Nylon)
Construction	Hydroentangled split microfiber
Packaging Materials	Outer bags (OB1, OB2), low density polyethylene (LDPE)  Case (CS), corrugated fiberboard (PAP) 
Environment	ISO 5-8 Grade C/D



Technical Data		
Attribute (units)	Typical Value	Test Method
Basis weight, nominal; (g/m ²)	100	Contec Method
Sorbent capacity; (mL/m ²)	294	IEST-RP-CC004.3, Sec. 8.1
Sorptive rate; (seconds)	<1	IEST-RP-CC004.3, Sec. 8.2
Non-volatile residue, NVR		IEST-RP-CC004.3, Sec. 7.1.2
In deionized water; (g/m ²)	0.019	
In isopropyl alcohol; (g/m ²)	0.017	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	2.94	
Chloride; (ppm)	14.11	
Particles, readily releasable		
Particles ≥ 0.5µm; (x10 ⁶ /m ²)	9.08	IEST-RP-CC004.2, Sec. 5.1
Fibers ≥ 100µm; (x 10 ³ /m ²)	4.62	IEST-RP-CC004.2, Sec. 5.2

Recycle Symbols

- PET 
- HDPE 
- LDPE 
- PP 
- PAP 

Packaging	EA/OB1	OB1/OB2	OB2/CS	EA/CS
AMPI0001	100	1	20	2,000

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.

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