



MicroGenesis™ Wipe

Cleanroom laundered microdenier wipe

Description

The MicroGenesis wipe is designed with a soft micro-terry pile to give the fast and efficient pick-up and retention of particles for which microfiber is known. The MicroGenesis wipe utilizes 100% polyester microfiber yarn knitted into a thermally bonded polypropylene substrate. This structure applies microfiber only to the wiping surface where it is needed while sealing the base of each stitch in a thermally bonded base. MicroGenesis delivers the maximum amount of microfiber to pick-up and retain particles, dust, grease, oil, and other contaminants in cleanrooms and other critical applications and performs well wet or dry. Silicone free and safe for use with all disinfectants including bleach and quaternary ammonium. Excellent for removing fine particles.

Technical Data

Attribute; (units)	Value **	Test Method
Basis weight; (g/m ²)	120	
Sorbency in water		IEST-RP-CC004.3, Sec. 8.1
Intrinsic; (mL/g)	5.0	
Extrinsic; (mL/m ²)	575	
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)	0.015	
In isopropanol; (g/m ²)	0.015	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	N/A	
Chloride; (ppm)	N/A	
Particles, readily releasable		IEST-RP-CC004.2, Sec. 5.1
P ≥ 0.5µm; (x10 ⁶ /m ²)	10	
Fibers > 100µm; (x10 ³ /m ²)	10	IEST-RP-CC004.2, Sec. 5.2

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

Part Number	Description	Packaging
LWMM0100	MicroGenesis Microfiber Wipes, 12" x 10" (31 x 25cm)	100 each/bag; 8 bags/case
LWMM0300	MicroGenesis Microfiber Wipes, 10" x 18" (25 x 46cm)	100 each/bag; 4 bags/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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