



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.

MicroGenesis is fully autoclavable with a recommended cycle of 121°C for 30 minutes.

Technical Data

Wipe Material	100% Microfiber polyester with polypropylene substrate	
Wipe Construction	Stitch bonded	
Attribute; (units)	Value	Test Method
Basis weight; nominal (g/m ²)	120	Contec Method
Sorbency in water		IEST-RP-CC004.3, Sec. 8.1
Intrinsic; (mL/g)	5.5	
Extrinsic; (mL/m ²)	658	
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)	0.006	
In isopropanol; (g/m ²)	0.014	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	0.032	
Chloride; (ppm)	0.018	
Particles, readily releasable		IEST-RP-CC004.2, Sec. 5.1
P ≥ 0.5µm; (x10 ⁶ /m ²)	6.8	
Fibers > 100µm; (x10 ³ /m ²)	2.39	IEST-RP-CC004.2, Sec. 5.2

Part Number	Description	EA/OB1	OB1/CS	EA/CS
LWMM0100	MicroGenesis Microfiber Wipes, 12" x 10" (31 x 25cm)	100	8	800
LWMM0300	MicroGenesis Microfiber Wipes, 10" x 18" (25 x 46cm)	100	4	400

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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