

# MicroGenesis™ Wipes

## 100% polyester microfiber yarn knitted into a thermally bonded polypropylene substrate

MicroGenesis™ delivers the maximum amount of microfiber to pick up and retain particles dust and other contaminants in cleanrooms and other critical applications. For dry applications where particle pickup and retention is critical MicroGenesis delivers unprecedented performance. The wipe is ideal for picking up the powder residue generated in tablet and fine powder pharmaceutical manufacturing or grease removal before manufacturing batches. This particle pickup makes the wipe useful for surface preparation prior to painting, laminating or other finishing applications. In addition, Contec's unique processing gives the MicroGenesis wipe excellent sorbency characteristics making it ideal for multiple applications and industries. It is safe for use with all disinfectants including chlorine and quaternary ammonium-based products.

MicroGenesis is not recommended for applications with rough or perforated surfaces.



Features	Benefits
Microfiber is only applied to the wiping surface	<ul style="list-style-type: none"> <li>• Creates a cost effective single use microfiber wipe</li> </ul>
Microfiber fabric	<ul style="list-style-type: none"> <li>• Easily picks up and retains particles</li> </ul>
Highly sorbent and suitable	<ul style="list-style-type: none"> <li>• Suitable for use with a wide range of disinfectants</li> </ul>

Part No.	Description	Size	Packaging
LWMM0100	MicroGenesis Wipes, Bulk	10" x 12" (250 x 305 mm)	100/bag; 8 bags/case
LWMM0300	MicroGenesis Wipes, Bulk	10" x 18" (250 x 460 mm)	100/bag; 4 bags/case

Product Information	
Material	• 100% microfiber polyester with polypropylene substrate
Construction	• Stitch bonded
Packaging materials	• Outer bags (OB1), low density polyethylene (LDPE)  Case (CS), corrugated fiberboard (PAP) 
Environment	• ISO 6-8 Grade C/D



Technical Data		
Attribute (units)	Typical Value	Test Method
Basis weight, nominal; (g/m <sup>2</sup> )	120	Contec Method
Sorbent capacity; (mL/m <sup>2</sup> )	658	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 <sup>2</sup> )	0.006	
In isopropyl alcohol; (g/m <sup>2</sup> )	0.014	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	0.032	
Chloride; (ppm)	0.018	
Particles, readily releasable		
Particles ≥ 0.5µm; (x10 <sup>6</sup> /m <sup>2</sup> )	6.8	IEST-RP-CC004.2, Sec. 5.1
Fibers ≥ 100µm; (x 10 <sup>3</sup> /m <sup>2</sup> )	2.39	IEST-RP-CC004.2, Sec. 5.2

Recycle Symbols

PET	
HDPE	
LDPE	
PP	
PAP	

Packaging	EA/OB1	OB1/CS	EA/CS
LWMM0100	100	8	800
LWMM0300	100	4	400

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.

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