

MicroSilk™ Wipes

75% polyester/25% nylon microfiber wipe

MicroSilk™ wipes are made of polyester and nylon. Excellent sorbency and a soft texture makes them an excellent wipe for cleaning delicate surfaces. MicroSilk is laser cut, which seals the fibers at the edges of the wipe. This results in a very clean, nonabrasive edge, which allows for 100% utilization of the wipe surface. It is extremely low in fiber and particle generation. The uniquely delicate surface and non-scratching characteristics, along with its sorbent capabilities make MicroSilk well suited for applications such as wet sand wiping, removing particles, and removing liquids and more viscous fluids.

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



Features	Benefits
Soft texture	<ul style="list-style-type: none"> • Excellent for delicate surfaces where scratching is a concern
Laser cut	<ul style="list-style-type: none"> • Seals the fibers at the edges of the wipe

Part No.	Description	Size	Packaging
LWMS0001	MicroSilk Wipes Bulk	16" x 16" (406 x 406 mm)	25/bag; 4 bags/case

Product Information	
Material	75% polyester, 25% Nylon
Packaging materials	Outer bags (OB1, OB2), low density polyethylene (LDPE)  Case (CS), corrugated fiberboard (PAP) 



Technical Data		
Attribute (units)	Typical Value	Test Method
Basis weight, nominal; (g/m ²)	245	Contec Method
Sorbent capacity; (mL/m ²)	368	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)	0.006	
In isopropyl alcohol; (g/m ²)	0.094	
Particles, readily releasable		
Particles ≥ 0.5µm; (x10 ⁶ /m ²)	6.98	IEST-RP-CC004.2, Sec. 5.1
Fibers ≥ 100µm; (x 10 ³ /m ²)	0.338	IEST-RP-CC004.2, Sec. 5.2

Recycle Symbols

PET	
HDPE	
LDPE	
PP	
PAP	

Packaging	EA/OB1	OB1/OB2	OB2/CS	EA/CS
LWMS0001	25	1	4	100

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