

MicroSilk™ III 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 III 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 III well suited for applications such as wet sand wiping, removing particles, and removing liquids and more viscous fluids.



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
LWMD0301	MicroSilk III Wipes	9" x 9" (230 x 230 mm)	50/bag; 20 bags/case
LWMD0309	MicroSilk III Wipes	12" x 12" (300 x 300 mm)	10/bag; 80 bags/case
LWMD0310	MicroSilk III Wipes	10" x 10" (250 x 250 mm)	50/bag; 16 bags/case

Product Information	
Material	<ul style="list-style-type: none"> 75% polyester, 25% Nylon
Packaging materials	<ul style="list-style-type: none"> 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)	207	Contec Method
Sorbency in water		IEST-RP-CC004.3, Sec. 8.1
Intrinsic; (mL/g)	1.62	
Extrinsic; (mL/m ²)	330.7	
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)	0.016	
In isopropyl alcohol; (g/m ²)	0.103	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	0.144	
Chloride; (ppm)	0.072	
Particles, readily releasable		
Particles $\geq 0.5\mu\text{m}$; ($\times 10^6/\text{m}^2$)	32.73	IEST-RP-CC004.2, Sec. 5.1
Fibers $\geq 100\mu\text{m}$; ($\times 10^3/\text{m}^2$)	0.368	IEST-RP-CC004.2, Sec. 5.2

Recycle Symbols

PET	
HDPE	
LDPE	
PP	
PAP	

Packaging	EA/OB1	OB1/OB2	OB2/CS	EA/CS
LWMD0301	50	2	10	1,000
LWMD0309	10	10	8	800
LWMD0310	50	2	8	800

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. IEST-RP-CC004.2/4.3 = Evaluating Wiping Materials Used in Cleanroom and Other Controlled Environments, Institute of environmental Sciences and Technology, Rolling Meadows IL