

MicroSilk™ I 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 I 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 I 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
LWMD0101	MicroSilk I Wipes	9" x 9" (230 x 230 mm)	10/bag; 100 bags/case
LWMD0103	MicroSilk I Wipes	6" x 6" (150 x 150 mm)	50/bag; 40 bags/case
LWMD0105	MicroSilk I Wipes	4" x 4" (100 x 100 mm)	50/bag; 96 bags/case
LWMD0107	MicroSilk I Wipes, Bulk	2" x 2" (50 x 50 mm)	1000/bag; 12 bags/case
LWMD0109	MicroSilk I Wipes	12" x 12" (300 x 300 mm)	10/bag; 80 bags/case
LWMD0110	MicroSilk I Wipes, Bulk	2.75" x 2.75" (70 x 70 mm)	1,000/bag; 12 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)	237	Contec Method
Sorbency in water		IEST-RP-CC004.3, Sec. 8.1
Intrinsic; (mL/g)	1.585	
Extrinsic; (mL/m ²)	377.7	
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)	0.014	
In isopropyl alcohol; (g/m ²)	0.127	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	0.076	
Chloride; (ppm)	0.147	
Particles, readily releasable		
Particles ≥ 0.5µm; (x10 ⁶ /m ²)	31.65	IEST-RP-CC004.2, Sec. 5.1
Fibers ≥ 100µm; (x 10 ³ /m ²)	0.346	IEST-RP-CC004.2, Sec. 5.2

Recycle Symbols

PET	
HDPE	
LDPE	
PP	
PAP	

Packaging	EA/OB1	OB1/OB2	OB2/CS	EA/CS
LWMD0101	10	10	10	1,000
LWMD0103	50	4	10	2,000
LWMD0105	50	4	24	4,800
LWMD0107	1,000	1	12	12,000
LWMD0109	10	10	8	800
LWMD0110	1,000	1	12	12,000

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