



# MicroSilk™ Wipes

## Microdenier Wipe

### Description

The MicroSilk wipe is a polyester/nylon product. It is very sorbent with a soft texture making it an excellent wipe for cleaning delicate surfaces. It is laundered and double packaged in an ISO Class 4 cleanroom environments. The silicone free wipe 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. Extremely low in fiber and particle generation. The uniquely delicate surface and non-scratching characteristics, along with its sorbent capabilities make the microdenier wipe well suited for applications such as wet sand wiping, removing particles, and removing liquids and more viscous fluids

### Technical Data

Wipe material 75% Polyester 25% Nylon

Attribute; (units)	Value	Test Method
Basis weight; nominal (g/m <sup>2</sup> )	245	Contec Method
Sorbency in water		IEST-RP-CC004.3, Sec. 8.1
Intrinsic; (mL/g)	1.51	
Extrinsic; (mL/m <sup>2</sup> )	368	
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 isopropanol; (g/m <sup>2</sup> )	0.094	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	N/A	
Chloride; (ppm)	N/A	
Particles, readily releasable		IEST-RP-CC004.2, Sec. 5.1
P ≥ 0.5µm; (x10 <sup>6</sup> /m <sup>2</sup> )	6.98	
Fibers > 100µm; (x10 <sup>3</sup> /m <sup>2</sup> )	0.338	IEST-RP-CC004.2, Sec. 5.2

Part Number	Description	EA/OB1	OB1/OB2	OB2/CS	EA/CS
LWMS0001	MicroSilk Wipes, 16" x 16" (41 x 41cm), Bulk	25	1	4	100

#### 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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