



# Wipes

## The Industry's Broadest Line of Paper, Cloth and Foam Wipes for Every Application



- **36 Standard Choices, and Many More Custom Configurations**
- **Rapid Availability Through Hundreds of Distributors World-Wide**
- **Highly Economical**
- **High-Purity Packaging for Clean Room Environments**

### General Information

MicroCare offers a full line of paper and cloth wipes to compliment the solvent products. The breadth of this offering helps

customers boost productivity and lower costs. The specifications for each wipe are on the following pages. While most MicroCare customers are very knowledgeable about solvents, specifying paper wipes involves a different vocabulary. Here's a quick primer on the terms and their implications:

- **Material:** Most of the wipes are made from synthetic fibers, like polyester, and natural fibers like cellulose. Natural fibers absorb water better than synthetics, while synthetics do better on solvents. The biodegradable cotton wipes are unique in that they absorb both unusually well.
- **Construction:** Most cheap wipes use glues ("binders") to hold the material together. Because of the need to minimize residues, MicroCare wipes do not use binders, and some are actually knitted or woven cloth.
- **Weight:** A thicker, heavier wipe will generally last longer and hold more contamination, but usually cost more as well.
- **Prewashed:** Knitted wipes can be pre-washed, eliminating a source of contamination but adding cost.
- **Edges:** After the wipe is cut to the proper size, the ends of synthetic fibers can be melted with heat, eliminating still another source of contamination.
- **Particulate:** This is a standardized test to measure the quantity of dust, lint and fibers that a wipe will deposit on to a clean surface. A lower number is better.
- **Absorbency:** This is another standardized test to measure the amount of liquid a square meter of the fabric can absorb. A higher number is better.
- **Packaging:** ESD-safe packaging is preferred when working in static-sensitive environments. Some wipes actually are packaged in a clean room environment, eliminating another source of contamination. For customers planning to use the wipes in a clean room, the "double-bagged" clean room packaging is required.

### Packaging

The MicroCare flat wipes are packaged in a variety of options. Most are available in a simple, low-cost plastic bag. Some wipes are double-bagged for clean room environments. Some are boxed, and one is even offered in a small plastic "mini-tub" for convenient cleaning out in the field. Users are invited to select the size, purity, package and quantity that best fits their application.

The shelf life for all of these products is unlimited.

### Related Products

A wide variety of solvents are available from MicroCare. These are offered in several varieties. There are water-based and solvent-based options. Most products are offered in aerosol and bulk packages, and some also are available in pump sprays. Visit [www.MicroCare.com](http://www.MicroCare.com) for more details on the solvents and their uses.

MicroCare also offers other varieties of wipes. Two of the most popular choices are the stencil rolls, used in electronic production, and the presaturated wipes loaded with one of MicroCare's four most popular solvents (photo, below).



### Product Notes

**AVAILABILITY.** These products are available from MicroCare distributors world-wide. Contact your local distributor at [www.MicroCare.com](http://www.MicroCare.com) for details.

**TRADEMARKS.** "MicroCare" and the MicroCare logo are registered trademarks of MicroCare Corp.

**DISCLAIMER.** The information set forth herein is based on data believed to be reliable, but MicroCare makes no warranties express or implied as to its accuracy and assumes no liability arising out of its use by others. This publication is not to be taken as a license to operate under, nor to infringe upon, any patents not herein expressly described.

## MicroCare Corporation

595 John Downey Drive, New Britain, CT 06051 USA

Tel: 860.827.0626 Fax: 860.827.8105

In North America, Dial: 800.638.0125

Email: [TechSupport@MicroCare.com](mailto:TechSupport@MicroCare.com)

On the Web: [www.MicroCare.com](http://www.MicroCare.com)

*MicroCare is  
ISO 9001:2008  
Registered*

# MicroCare



MicroCare Corp.  
**Flat Wipe Specs**  
Sorted by Application then by Size

Line #	Micro Care Part #	Wipe Size (in./cm)	Unique Features	Material	Construction	Weight (oz./yrd <sup>2</sup> )	Pre-Washed?	Color	Texture	Edges	Particulate (0.5µm <sup>2</sup> )	Absorbency (mL/m <sup>2</sup> )	ESD Pack'g?	Packed in Clean Room?	Clean Room Pack'g?	Sheets/ Bag or Tub	Bags or Tub/ Case
<b>Standard Wipes for General Purpose Applications</b>																	
1	W66	6x6 15x15	Our best-seller. Economical. Medium absorption, relatively lint-free, good purity. Optimal size for use on the rework bench	Polyester & Cellulose	Hydroentangled (No binders)	2.1 Oz.	No	White	Smooth	Cut	15.4	320	No	No	No	50	25
2	W66CP	6x6 15x15	One of the cleanest non-woven wipes. Strong, absorbent, bulky and soft. Low extractables, very soft for heavy-duty, nonabrasive applications	Polyester	Hydroentangled (No binders)	2.1 Oz.	No	White	Smooth	Cut	15.4	320	No	No	No	300	15
3	W810	9x9 23x23	Affordable general purpose cleaning. Very soft, clean, knitted polyester. Same as W99PP, but not laundered. Sold by weight	Polyester	Knitted	3.4 Oz.	No	White	Smooth, thin, soft	Cut	66.0	255	No	No	No	5 lbs/2.1 k per bag	2
4	W99	9x9 23x23	Jumbo economy package of an economical paper. Lint-free, good purity; optimal size for stencil wiping	Polyester & Cellulose	Hydroentangled (No binders)	2.1 Oz.	No	White	Smooth	Cut	15.4	320	Yes	Yes	Class 100	300	12
5	W99C30L	9x9 23x23	Light weight paper, non-extractable blue in color, medium strength, medium absorbency, lower price	Polyester & Cellulose	Hydroentangled (No binders)	1.6 Oz.	No	Blue	Smooth	Cut	31.7	243	No	No	No	300	12
6	W99C100	9x9 23x23	Heavy paper, very high strength. Notice higher absorbency due to waffle-like texture ("apertured"); which enhances particulate removal.	Polyester & Cellulose	Hydroentangled (No binders)	1.8 Oz.	No	White	Waffled	Cut	190.0	422	No	No	No	200	12
7	W99C10	9x9 23x23	Heavy-weight non-woven blend. A semi-rigid paper, very high strength, low linting. Creped for extra absorbency.	Polyester & Cellulose	Hydroentangled (No binders)	3.6 Oz.	No	White	Creped	Cut	155.0	385	No	No	No	200	12
8	W12CF	12x12 30x30	Light-weight industrial wipe. Strong, lint-free. Unique feature: C-fold packaging for convenience on the benchtop	Polyester & Cellulose	Hydroentangled (No binders)	2.0 Oz.	No	Blue	Smooth	Cut	88.0	314	No	No	No	50	10
<b>Fiber Optic and Photonic Device Wipes</b>																	
9	FWF	2x4 5x10	High-purity polyester wipe, optical grade, rolled and perforated, shipped in plastic mini-tub. Optimized for fiber optics	Pure Polyester, Optical Grade	Hydroentangled (No binders)	2.0 Oz.	No	White	Smooth	Perf'ed	4.0	322	No	No	Yes	90	24
10	WF44	4x4 10x10	High-purity polyester wipe, optical grade. Same as the FWF, just slightly larger, more economical package	Pure Polyester, Optical Grade	Hydroentangled (No binders)	2.0 Oz.	No	White	Smooth	Cut	4.0	322	No	No	Yes	50	96
11	FA1	2x4 5x10	High-purity polyester wipe, optical grade, packaged in a hermetically-sealed foil pouch to protect the wipe from contamination. Optimized for harsh environments	Pure Polyester, Optical Grade	Hydroentangled (No binders)	3.2 Oz.	No	White	Smooth	Cut	11.0	370	No	No	Yes	50	12
<b>ESD Wipes</b>																	
12	W99CY	9x9 23x23	Heavy-weight white wipe, static-dissipative due to carbon yarn knitted into the wipe. ESD-safe, even when dry.	Polyester	Knitted	3.4 Oz.	Yes	White	Smooth	Sealed	3.8	n/a	Yes	Yes	Class 10	150	5

MicroCare Corp.  
**Flat Wipe Specs**  
Sorted by Application then by Size

Line #	Micro Care Part #	Wipe Size (in./cm)	Unique Features	Material	Construction	Weight (oz./yrd <sup>2</sup> )	Pre-Washed?	Color	Texture	Edges	Particulate (0.5µm <sup>2</sup> )	Absorbency (mL/m <sup>2</sup> )	ESD Pack'g?	Packed in Clean Room?	Clean Room Pack'g?	Sheets/ Bag or Tub	Bags or Tub/ Case
<b>Stencil Wipes</b>																	
13	W11	8.5x11 21x28	Economical precision cleaning at economical price. Relatively low linting, good purity. Included with MCC-BGA and -ROC	Polyester & Cellulose	Hydroentangled (No binders)	1.9 Oz.	No	White	Smooth	Cut	18.0	313	No	No	Yes	100	6
14	W9950	9x9 23x23	Same paper as W66, larger but packaged for the workbench	Polyester & Cellulose	Hydroentangled (No binders)	2.1 Oz.	No	White	Smooth	Cut	15.4	320	Yes	Yes	Class 100	50	50
15	W12	12x16 30x40	A larger wipe for faster cleaning. Same paper as W66, but textured for better scrubbing. Quarter-folded	Polyester & Cellulose	Hydroentangled (No binders)	2.1 Oz.	No	White	Waffled	Cut	15.4	320	No	No	No	50	5
16	W66DF	6x6 15x15	MicroCare's famous "FP" paper. Cleaner, stronger, more absorbent than competing wipes. Sized for the rework bench	Synthetic Polymer	Hydroentangled (No binders)	1.8 Oz.	No	White	Smooth	Cut	3.8	445	No	No	No	50	25
17	W99DF	9x9 23x23	MicroCare's famous "FP" paper. Cleaner, stronger, more lifting ability than competing wipes. Optimal size for stencil wiping	Synthetic Polymer	Hydroentangled (No binders)	1.8 Oz.	No	White	Smooth	Cut	3.8	445	No	Yes	Class 100	300	12
<b>Industrial Wipes</b>																	
18	W1244P	12x17 30x43	Light weight industrial wipe; strong, highly absorbent for its weight; quarterfolded. Highly cost-effective. Boxed, not bagged	Polypropylene & Cellulose	Hydroentangled (No binders)	1.6 Oz.	No	White	Smooth	Cut	113.0	270	No	No	No	1000	1
19	W1244C	12x17 30x43	Light weight industrial wipe; very similar to W1244P, except it is creped (waffled) for additional absorbency. Quarterfolded. Very cost-effective. Boxed, not bagged	Polypropylene & Cellulose	Hydroentangled (No binders)	1.7 Oz.	No	White	Waffled	Cut	107.0	303	No	No	No	1000	1
20	W1266P	12x17 30x43	Medium-weight blend. "Hospital" green in color. Strong, absorbent, clean; an excellent general purpose industrial wipe. Boxed, not bagged	Polyester & Cellulose	Hydroentangled (No binders)	2.1 Oz.	No	Green	Smooth	Cut	123.0	293	No	No	No	1000	1
21	W1299P	12x17 30x43	Medium-weight wipe. Strong, absorbent, clean; an excellent general purpose wipe. Quarterfolded. Boxed, not bagged	Polyester & Cellulose	Hydroentangled (No binders)	2.0 Oz.	No	White	Smooth	Cut	114.0	290	No	No	No	1000	1
<b>Biodegradable Wipes</b>																	
22	W66C	6x6 15x15	Made from renewable resources. Strong, absorbent, static dissipative. Unlike polyester wipes, these are excellent on both water and solvents	Long-Fiber Cotton	Hydroentangled (No binders)	1.7 Oz.	No	White	Smooth	Cut	122.0	332	No	No	No	50	25
23	W99C	9x9 23x23	Made from renewable resources. Strong, absorbent, static dissipative. Unlike polyester wipes, these are excellent on both water and solvents	Long-Fiber Cotton	Hydroentangled (No binders)	1.7 Oz.	No	White	Smooth	Cut	122.0	332	No	No	No	250	12
24	W99TJ	9x9 23x23	Pharmaceutical-grade woven cotton; good absorbency, static-free, biodegradable, bias-cut to minimize fraying. Select this wipe when very aggressive cleaning is required	Cotton	Woven	4.0 Oz.	No	White	Linen-like	Cut	129.5	219	No	Yes	Class 1000	300	12

MicroCare Corp.  
**Flat Wipe Specs**  
Sorted by Application then by Size

Line #	Micro Care Part #	Wipe Size (in./cm)	Unique Features	Material	Construction	Weight (oz./yrd <sup>2</sup> )	Pre-Washed?	Color	Texture	Edges	Particulate (0.5µm <sup>2</sup> )	Absorbency (mL/m <sup>2</sup> )	ESD Pack'g?	Packed in Clean Room?	Clean Room Pack'g?	Sheets/ Bag or Tub	Bags or Tub/ Case
<b>MicroFiber Wipes</b>																	
25	W77SE	7x7 18x18	Ultra-clean polyester and nylon. Strong! Soft fibers minimize damage from abrasion. Excellent for optical applications	Polyester & Nylon	Knitted	5.5 oz.	No	White	Smooth, thin, soft	Sealed	88.0	383	No	No	No	25	12
26	W99MFY	9x9 23x23	Very strong; grabs and holds particulate The ideal "dry" wipe. Soft fibers minimize risk of damage from abrasion	Polyester & Nylon	Microfiber	2.6 Oz.	No	Yellow	Smooth	Cut	354.0	n/a	No	No	No	200	10
<b>Composite Wipes (Layers of Different Materials)</b>																	
27	W88	8x8 20x20	Great cleaning at low cost. Five layers of material in each wipe. Very absorbent, soft, fluffy; "apertured" for extra absorption. Resists damage from abrasion	Cellulose between polypropylene layers	Composite	4.0 Oz.	No	White	Quilted, shiny	Cut	120.0	490	Yes	Yes	Class 100	100	12
<b>Inspection Wipes</b>																	
28	W99PPB	9x9 23x23	Dark blue inspection wipe; lint is highly visible against the dark blue color. Standard weight. Sealed edges for less lint	Polyester	Knitted	3.1 Oz.	Yes	Dark Blue	Smooth	Sealed	n/a	265	No	No	No	100	8
<b>Cleanroom Wipes (High-Purity Applications, Special Packaging)</b>																	
29	W99CP	9x9 23x23	The cleanest non-woven wipe and the only non-woven good enough for cleanrooms. Strong, absorbent, bulky, soft. Very soft for heavy-duty, nonabrasive applications	Polyester	Hydroentangled (No binders)	2.1 Oz.	No	White	Smooth, soft	Cut	2.3	332	Yes	Yes	Class 100	300	8
30	W99HD	9x9 23x23	Ultra-clean, almost no extractables, slightly heavier and coarser for better scrubbing and more absorbency	Polyester	Micro-knit	4.2 Oz.	Yes	White	Smooth, Thick	Cut	2.6	321	No	Yes	Class 10	150	5
31	W99PP	9x9 23x23	Very clean, pre-laundered, softer than the W99HD, no extractables, thinner weave. A great choice for optics, precision assemblies	Polyester	Micro-knit	3.4 Oz.	Yes	White	Smooth, thin, soft	Sealed	2.4	319	No	Yes	Class 10	150	8
32	W99SE	9x9 23x23	One of the cleanest wipes. The highest absorbency of the micro-knits. Tight weave, heat-sealed edges to minimize lint	Polyester	Micro-knit	4.2 Oz.	Yes	White	Smooth, Thick	Sealed	2.4	478	No	Yes	Class 10	150	5
33	W99PQS	9x9 23x23	Top of the line. Ultra-clean, very heavy fabric, waffled texture for enhanced particulate pick-up. Sealed edges	Polyester	Micro-knit	6.8 Oz.	Yes	White	Quilted	Sealed	14.6	945	No	Yes	Class 10	100	5
<b>Thermal Wipes (for High-Temperature Applications)</b>																	
34	W99XL	9x9 23x23	Nonwoven, strong wipe. Soft, "apertured" texture. Heat resistant, so ideal for use on reflow ovens, wave solder machines and other high-heat applications	Hydroentangled Rayon		2.0 Oz.	No	White	Micro-waffle	Cut	82.0	567	No	No	No	300	6
<b>Foam Wipes</b>																	
35	WSP	1 x 2 2x5	High purity foam "tabs" for single-use cleaning. Electronics-grade. Great for rework	Reticulated Foam 100ppi		1/4 in. thick	No	Yellow	Coarse	Cut	170.0	890	No	No	No	200	20
36	W69MA	6x9 15x23	General cleaning, maximum absorption for it's size; convenient benchtop package	Reticulated Foam 100ppi		1/8 in. thick	No	White/ Biege	Coarse	Cut	200.0	730	No	No	No	25	30