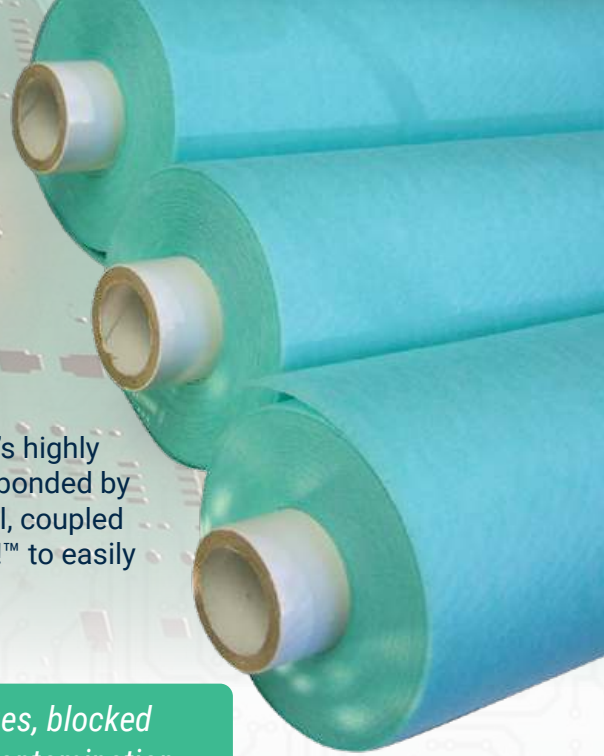
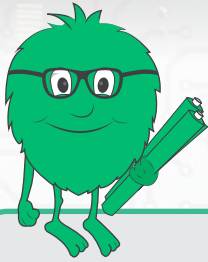


Green Monster Stencil Wiping Rolls



Increased Performance & Productivity

GREEN MONSTER!™ is the only stencil wiping roll to be truly ESD. It's highly engineered fabric is comprised of coarse rayon and ESD polyester bonded by a tough proprietary formula of copolymers. This innovative material, coupled with our unique manufacturing process enables GREEN MONSTER!™ to easily out-perform the competition.



Avoid damaged equipment, defects, bridges, blocked apertures, low transfer efficiency, & solder contamination.

ESD Safe

GREEN MONSTER!™ is the only stencil wiping roll to be truly ESD.

No more costly damage to components or equipment caused by typical static filled rolls

Effective Cleaning Surface

Rayon and ESD polyester work together to form an aggressive surface that scrapes and collects solder paste into its many voids created by the fabrics unique structure

Virtually Lint-Free

GREEN MONSTER!™ is free of weak linty paper fibers because it is comprised of coarse rayon and ESD polyester bonded by a tough proprietary formula of copolymers.

Green Monster Benefits

- ESD Safe -The First One Ever Made!
- Works Without Solvents
- Aggressive Cleaning Surface
- "Green" Environmentally Friendly
- Lead-Free Compatible
- 485 CFM Porosity For Vacuum Optimization
- No Weak Paper Fibers
- Virtually Lint-Free, Significantly Reducing Defects
- Longer Rolls Mean Less Down Time and HUGE Savings

Virtually Any Size Roll For Any Automatic Screen Printer

- SPEEDLINE/MPM
- DEK
- FUJI
- PANASONIC
- SONY
- YAMAHA
- EKRA
- AND MORE!!!!

IN-DEPTH BENEFITS ON NEXT PAGE >



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ESD

Companies invest a lot of money to make their assembly line ESD safe. Static charge is like a lightning bolt to a circuit board and will damage components and create voids in solder traces. Other non-ESD stencil wiping rolls carry static because when they are made they are dried in huge ovens, travel at very fast speeds, then rolled up into rolls. Put a surface resistometer on the GREEN MONSTER!™ and compare it to any other. Let the results do the talking.

EFFECTIVE AND EFFICIENT CLEANING SURFACE

Unlike the paper fibers in standard understencil wiping rolls, GREEN MONSTER!™ rolls consist of coarse rayon and ESD polyester. These two fibers are bonded by a tough secret formula of copolymers to make a fabric of high integrity. By comparison, paper fibers are short, linty and just laying around the surface creating a smooth and slippery surface that only pushes and smears solder paste. Rayon and ESD polyester work together to form an aggressive surface that scrapes and collects solder paste into its many voids created by the fabrics unique structure. As you can see from the microphotograph, lots of nooks and crannies!

VIRTUALLY LINT FREE

GREEN MONSTER!™ contains no weak linty paper fibers because paper fibers are only held together by weak hydrogen bonds, the same bonds that hold tissue together. What happens when tissue gets wet? It turns to mush. When paper fibers get wet from the solvent bar under a stencil, the fibers get sloughed off since the apertures act like a cheese grater. These fibers collect around the bottom of the stencil and get deposited onto subsequent circuit boards and under components. This creates lots of defects. So, if you use paper products, you may observe under a microscope that you components are growing whiskers!

Performing a simple tape test will show the linting probability of your stencil wiping roll. Simply place a strip of scotch tape on each product with equal pressure and observe the amount of fibers that are removed. GREEN MONSTER!™ may yield a lone fiber while the tape from a paper product will look like the floor beneath a barber's chair.

EXTRA LONG VERSION = HUGE COST SAVINGS!

GREEN MONSTER!™ XL is the extra long version of GREEN MONSTER!™. The material used here is denser which allows us to put more feet on a roll. Fewer stencil wiping roll changes means less down time. Less down time means huge savings.

If an assembly line costs \$6000/hour to operate, then that is \$100/minute. Therefore if it takes 10 minutes to change a roll, it costs \$1000 to change a roll! If we can get twice the feet on a roll, that is a \$500 savings with every roll of GREEN MONSTER!™ XL used!!! Do the math. Then show how much money you can save your company in one year. This will surely get you a raise and a promotion!

OPTIMUM POROSITY FOR OPTIMUM VACCUUM EFFICIENCY

Because GREEN MONSTER!™ is made up of the proper blend of coarse fibers, it has the correct amount of CFM's to fully utilize the important vacuum system that is installed in your circuit board screen printer. By comparison, paper products do not allow enough air through, hence over working the vacuum and not effective in sucking out the solder paste from the stencil's apertures. You can see for yourself by blowing through each product and feeling the resistance, Caution: you may need to explain this action to any coworkers that see you doing this.



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