TRANSFORMING TECHNOLOGIES
OUTSTANDING ALTERNATIVES IN STATIC CONTROL

Bemcot® M3 Anti-Static Wipers

100% Cotton Nonwoven Wipers

Bemcot® antistatic wipers are for quick and easy wiping in cleanrooms and other environments that demand the lowest levels of lint, particles and static generation.

Bemcot® M3 is characterized by its low particle generation, high absorbency, high purity, high chemical resistance, high heat resistance, anti-static, ecoefficincy, enabling the high level of performance required for wipers for cleanrooms.

The Bemcot® M3 Wipe is an entangled nonwoven fabric made with a 100% cotton cellulose composition. Because cotton is completely cellulosic, this is an extremely absorbent wipe. The soft, low-linting wipe is quarter-folded and is sized to fit the hand. The M3 wipe is heat-resistant for cleaning high temperature process equipment and diffusion furnaces. The wipe is quarter-folded to promote proper wiping protocol.

Bemcot wipers are use in many industries such as semiconductor, optical, medical, cosmetics, food & beverage, printed circuit boards, building maintenance, automobile, air craft, LCD, magnetic tapes, oil, tools, equipment, glass, optics, etc.

Size:

- Dimensions: 10 x 10-Inch (24.9 x 24.9cm).
- 100/Pack; 30 Packs/Case.

Features

- **Extremely Absorbent: Absorbs 13 times its Weight in Liquid**
- **Excellent Antistatic and Heat Resistance Properties**
- **Made of 100% Cotton**
- **Nonwoven, Soft, and Low-linting Wiper**
- **No binders—Safe to Use with Solutions**
- **Apertured Surface Promotes Particle Removal**

Applications:

Bemcot wipers can be used in various industries such as semiconductor, optical, medical, cosmetics, food & beverage, printed circuit boards, building maintenance, automobile, air craft, LCD, magnetic tapes, oil, tools, equipment, glass, optics, etc.

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Key Benefits of Bemcot® M3

Ultra-Low Fiber Release
Bemcot wipers has a very low fiber release compared to polyester knit and staple-fiber rayon/polyester nonwoven wipes.*
**Test method: Wet-agitation test - wiper immersed in 300ml pure water, subjected to 15min ultrasound agitation, water filtered, and fibers on filter counted.*

Anti-Static
Bemcot wipers are low tribocharging so they will not produce significant static charge or damage components with ESD.

High Absorption
Each Bemcot fiber absorbs liquid and swells. Coupled with its special structure, its property allows Bemcot to absorb liquid 13 times its weight.

Model Bemcot	Specifications
Material:	100% Filament Rayon Entangled nonwoven fabric
Dimensions:	10 x 10-Inch (24.9 x 24.9cm). Quarter Folded
Package:	100/Pack; 30 Packs/Case.
Absorption:	High
Saturation:	Dry
Particulate Release:	Low
Sterility:	Non-Sterile
Product Number	
WPBEMM-3II	Bemcot M3II Wiper

High Purity
Bemcot wipers readily observable reduction in impurities transfer.*
**Test method: Water (0.1ml) wiped from blank wafer by typical Bemcot or competitive wiper under given load, wafer surface then observed for residual impurities. Performed by Asahi Kasei Corporation.*

Chemical Resistance
Bemcot wipers exhibit strong chemical resistance for both IPA and Acetone.*
**Test method: Typical Bemcot or other competitive wiper immersed in solvent for 1 day, solvent then evaporated and residual extracts measured and expressed in parts per million (ppm) parts solvent. Performed by Asahi Kasei Corporation.*

Heat Resistance
Bemcot is carbonized at a temperature between 260 and 300°C. Unlike synthetic fibers, it does not dissolve at 150°C.

Biodegradability & Ecoefficiency
Bemcot wipers are made from 100% cotton linter which is ecologically safe, being free from environmental contaminants

About Transforming Technologies
Since 1998, Transforming Technologies has helped electronic manufacturing facilities to protect their products and processes from the many serious problems associated with static electricity.

Transforming Technologies offers a wide range of unique and outstanding products to detect, protect, eliminate and monitor electrostatic charges. Our products are integral components of an effective static control program.

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