



VpCI® EMITTING SYSTEMS & ELECTRONIC PRODUCTS



# Corwipe® 500

**Heavy Duty Cleaner, Degreaser, Antistat, Rust Remover, and Protectant Wipe, Patented**



## PRODUCT DESCRIPTION

Corwipe 500 is a revolutionary wipe which removes light rust, grease, oil, and dust while leaving behind a protective antistatic and thin VpCI® (Vapor phase Corrosion Inhibitor) film. The static dissipative film will drain charges when properly grounded, and reduce triboelectric voltage to less than 300 volts.

Corwipe 500 is designed for both industrial and commercial cleaning applications. This product cleans machinery, equipment, tools, hoods, parts in-process, office equipment, etc. Corwipe 500

contains active water based material that is safe to handle, is not harmful to skin, and is classified as non-hazardous. In addition to its cleaning and antistatic properties, it leaves a thin film of corrosion inhibitors on the treated surface to protect most metal surfaces against corrosion.

The Corwipe 500 features a 5" x 5" (12.7 x 12.7cm) non-woven fabric towel, which is difficult to rip, even with the toughest of cleaning applications. Wipes are packed 25 to a flip top oval HDPE Towlette container.

## TYPICAL APPLICATIONS

Corwipe 500 is designed to clean, protect, and maintain products, components, or assemblies such as:

- Machined parts coated with waxes or greases prior to assembly
- Static sensitive equipment
- Manual and power tools
- Aircraft and satellite components and assemblies
- Communications equipment
- Computer data storage devices
- Computer monitors and keyboards, TV screens, CD players, equalizers, stereo speakers, etc.
- PC boards, terminal blocks
- Power connections, audio connectors
- Military equipment, ammunitions, and missile components

## HOW TO USE

Lift tab to open. Remove a wipe and rub it over the affected part or area until clean. Wipe may be effective for more than one use depending on amount of contamination. Reseal to prevent wipes from drying.



## ADVANTAGES

- Reduces need for multiple cleaners
- Non-hazardous, non-corrosive, and non-flammable
- Not harmful to the atmosphere
- Reduces chemical consumption and costs
- Reduces dust and airborne contaminants

## FEATURES

- Leaves an indiscernible temporary protective film behind, providing anti-corrosion protection for up to several weeks.
- Does not leave behind any harmful insulating barriers.
- Also cleans rubber, synthetic materials, vinyl, painted surfaces, plexiglass, and glass.
- Triple-action performance: cleans, provides antistatic protection, and inhibits further corrosion.
- Strong non woven fabric.

## ELECTRIC PROPERTIES

Charge decay	0.02 seconds
Surface resistivity	5 x10 <sup>8</sup> ohms/sa
Surface resistance	4 x 10 <sup>8</sup> ohm
Triboelectric charge	< 300 volts

Federal Test Method Standard 101C, Method 4046  
EOS/ESD - S11.11  
ISO 2878

## TESTING

Testing for either surface resistance point to point (RTT) or resistance to ground (RTG) should be done to check for insulating properties. The film left behind should have a value of 1 x 10<sup>7</sup> ohms or greater. For field testing a mmeg ohmmeter should suffice.

## METALS PROTECTED\*

- Aluminum
- Carbon Steel
- Cast iron
- Copper and its alloys
- Stainless steel

\*Length of protection varies upon conditions, average 3-4 months.

## PACKAGING AND STORAGE

Corwipe 500 containers are supplied 300 units per carton (25 wipes per container, 12 containers per carton). Do not store in conditions above 130°F(54°C). The shelf life of unopened container is up to 24 months.

## DIMENSIONS

Container: 3" W x 6" H (7.62 cm x 15.24 cm)  
Wipe: 5" W x 5" H (12.7 cm x 12.7 cm)

## FOR INDUSTRIAL USE ONLY

## KEEP CONTAINER TIGHTLY SEALED

## CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

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