

Reztore® ESD Surface & Mat Cleaner Wipes

Application Instructions



Made in the
United States of America



Figure 1. Reztore® ESD Surface & Mat Cleaner Wipes

Description

Reztore® ESD Surface & Mat Cleaner Wipes are designed for cleaning and maintaining ESD mats and other worksurfaces. Reztore® wipes are non-corrosive and alcohol-free, which helps prevent damage to electronics and drying out of mat surfaces. They do not contain silicone or other substances that could leave an insulative residue or inhibit the performance of an ESD surface.

The cleaning solution used in Reztore® wipes is a non-hazardous and non-flammable formula, requiring no special handling during shipment or storage. It is highly effective for removing dust, grease, grime, fingerprints, and solder flux from all surfaces used in static-sensitive areas.

General Guidelines

Reztore® ESD Surface & Mat Cleaner Wipes can be used on a variety of surfaces, especially surfaces used in a static sensitive environment. Surfaces include but are not limited to: rubber, vinyl and polyethylene table and floor mats, field service kits, laminated table tops, tote boxes, epoxy, painted surfaces, plexiglass, glass, metal, 3-ring binders, computer screens, computer keyboards, shelving, push carts, conveyor belts, etc. "Periodic cleaning, following the manufacturer's recommendations, is required to maintain proper electrical function on all work surfaces. Ensure that cleaners that are used do not leave an electrically insulative residue common with some household cleaners that contain silicone."

(ESD Handbook ESD TR20.20 section 5.3.1.14 Worksurface Maintenance) "Only cleaning materials or processes which do not degrade the properties of the ESD protective items, shall be used." (EN 61340-5-1 clause 5.5 EPA working practices)

Directions

Remove container cover and remove sealed bag from canister, open bag and remove the pre-saturated roll of wipes and insert into the canister. Feed and push the first wipe through the hole in the center of the top cover and firmly re-attach the cover to the canister.



Figure 2. When separating a tissue, tear at an angle.

To dispense a wipe, pull up the tissue at an angle in order to tear the tissue at the perforation. Unfold the tissue and wipe all surfaces that are to be cleaned and static protected. Wipe all surfaces liberally, using both sides of the tissue if needed. Wait approximately 30 seconds for the solution to dry. For heavily soiled areas apply medium pressure and rub vigorously until clean. When through be sure to close the pop-up closure in order to prevent the remaining tissues from drying.



Figure 3. Application of the Reztore® ESD Surface & Mat Cleaner Wipes when cleaning a computer monitor screen.

Specifications

Appearance of solution	Liquid/Premoistened wipe
pH	Solution: 6.5 - 7.5
Odor	Floral
Solubility	Cloth not soluble
Toxicity, Irritation, Sensitivity	Non-toxic by dermal contact, or inhalation
Flammability	Non-flammable
Electric Properties	1×10^7 to $< 1 \times 10^9$ ohms (ref. ANSI/ESD S4.1)
Induced Corrosion	Non-Corrosive (ref. IPC-TM-650 2.3.32)

CANISTER SPECIFICATIONS:

Height	8.5"
Diameter	4.25"
Material	White, HDPE

WIPE SPECIFICATIONS:

Material	Composed of 45% polyester and 55% cellulose
Appearance	White, a hydroentangled non-woven material

Electrical Properties (Dry Film):

Resistance, point to point (RTT):	1×10^7 to $< 1 \times 10^9$ ohms (per ANSI/ESD S4.1)
Static Decay Rate	< 0.01 seconds (per FTMS 101C M-4046)

Testing

It is recommended to test the surface after cleaning to ensure that all insulative contaminants such as grime or dirt have been removed. Reztore® ESD Surface & Mat Cleaner Wipes are specifically designed to leave behind a coating which has a surface resistance of 10^8 Ohms or lower.

Field Test

For quick and easy verification of surface resistance we recommend the use of a Desco surface resistance meter. For testing of static fields, we recommend the use of a Desco static field meter.

NOTE: Reztore® ESD Surface & Mat Cleaner Wipes do not have a set life span. The chemicals are not known to degrade over time when stored at the proper temperature conditions as stated in the Material Safety Data Sheet. We also recommend that the product be stored in its original container and be sealed when not in use.

Desco Regulatory Statement

See the Desco Industries Regulatory Statement:
<http://www.descoindustries.com/pdf/Regulatory.pdf>

See the Desco Limited Warranty:
<http://desco.descoindustries.com/Limited-Warranty.aspx>

See the Desco Disclaimer:
<http://desco.descoindustries.com/Disclaimer.aspx>