



DESCO INDUSTRIES INC. Technical Bulletin TB-7020

Application Instructions Reztore™ Static-Wipes



Made in America



Figure 1. Reztore™ Static-Wipes:
60 Wipes in an Anti-Static Canister
160 Wipes in an Anti-Static Canister

Description

Reztore™ Static-Wipes are cellulose-rayon-polyester tissues saturated with an aqueous alcohol antistatic cleaning solution and packaged in a convenient anti-static reclosable pop-up container. They are used to clean surfaces and make surfaces static safe in most environments.

General Guidelines

The solution, which is non-flammable and non-toxic, can be applied to any surface such as computer screens, heel and toe grounders, rubber mats, vinyl mats, field service kits, laminated table tops, painted surfaces, acrylic, glass, shelving, conveyor belts, containers, optical surfaces, keyboards, telephones, and office copiers in order to remove and prevent the generation of static charges.

This solution cleans and removes static charges from these surfaces. Reztore™ Static-Wipes clean

and remove dust, grease, grime, fingerprints, and solder flux from surfaces used in a static sensitive area. Static-Wipes leave no insulative residue, are fast drying, non-streaking and contain no alkali or ammonia. The tissues trap particles without recontaminating the surface with loose fibers. These wipes clean without ozone depleting fluorocarbons. Because each tissue is individually dispensed in a handy, reclosable static dissipative container, it is ideal for both the office and assembly-manufacturing areas and can be stored on the work bench. This product eliminates sprayers, bottles, solvent cans and individually wrapped foil envelopes.

"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)

Reztore™ Static-Wipes are sold in individual canisters of 160 6" x 6" (15cm x 15cm) wipes or in cartons of 12 canisters of 60 4" x 6" (10cm x 15cm) wipes per canister.

Directions

Lift the container cover from the canister and remove the seal from the lip of the container. Locate the first wipe in the center of the roll of wipes. 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.

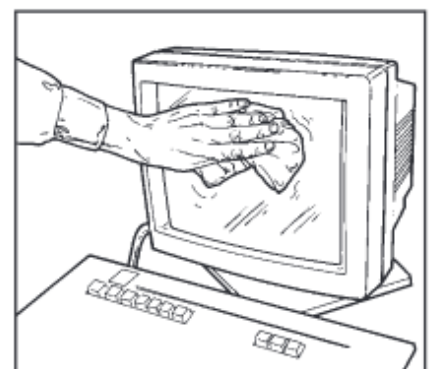


Figure 3. Application of the Reztore™ Static-Wipes when cleaning a computer monitor screen.



Specifications

Appearance of solution:

Transparent clear violet

pH:

6-8

Odor:

Slight floral alcohol

Solubility:

Water, acetone, alcohols

Toxicity, Irritation, Sensitivity:

Non-toxic by dermal contact or inhalation

Flammability:

Non-flammable

Ion Level: (mg/l)

Fluoride	0.3
Sulfate	<0.5
Nitrate	1.2
Bromide	<0.5
Phosphate	<0.5

CANISTER SPECIFICATIONS:

Height:

160 Wipes	7 inches (18cm)
60 Wipes	4.4 inches (10cm)

Diameter:

160 Wipes	4.4 inches (10cm)
60 Wipes	Oval 3" x 1.6" (7.5cm x 4cm)

Material:

High density polyethylene with internal antistatic agent.

WIPE SPECIFICATIONS:

Appearance:

White, non-woven cellulose-rayon-polyester blend.

Electrical Properties

(Dry Film):

Resistance, point to point (RTT):
10E7 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™ Static-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 megohmmeter. These are available from many Desco Industries companies. For testing of static fields, we recommend the use of a static field meter. These instruments are also available from many Desco Industries companies.

Features

- Cleans bench surfaces
- Leaves static dissipative layer on surface
- Presaturated with the right amount of solution -- no waste or debris
- Non-toxic
- Non-streaking, quick drying
- Non-aerosol
- No CFC's - water based
- No alkali or ammonia
- Neutral pH
- Low volatile organic solvents
- Handy reclosable static dissipative dispenser
- Durable lint-free wipe

NOTE: Reztore™ Static-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.

Limited Warranty

Desco Industries Inc. expressly warrants that for a period of one (1) year from the date of purchase, Desco Industries Inc. Reztore™ Static-Wipes will be free of defects in material. Within the warranty period, the material will be replaced at Desco Industries Inc. option, free of charge. Call our Customer Service Department at 781-821-8370 or 00 44 (0) 1892-665313 in Europe for a Return Material Authorization (RMA) and proper shipping instructions and address. You should include a copy of your original packing slip, invoice, or other proof of purchase date. Any material under warranty should be shipped prepaid to the Desco Industries Inc. factory. Warranty replacements will take approximately two weeks.

Warranty Exclusions

THE FOREGOING EXPRESS WARRANTY IS MADE IN LIEU OF ALL OTHER PRODUCT WARRANTIES, EXPRESSED AND IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHICH ARE SPECIFICALLY DISCLAIMED. The express warranty will not apply to defects or damage due to accidents, neglect, misuse, alterations, operator error, or failure to properly maintain, clean, or repair products.

Limit of Liability

In no event will Desco Industries Inc. or any seller be responsible or liable for any injury, loss, or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, users shall determine the suitability of the product for their intended use, and users assume all risk and liability whatsoever in connection therewith.