



BENEFITS & FEATURES

DISSIPATIVE BOTTLES MADE BY R&R LOTION
 Permanently dissipative to protect your valuable static sensitive printed circuitry

LOW TRIBO-CHARGING
 Will not easily produce a charge when moved or lifted

ROUND SHAPE
 Provides stability and saves storage space

AVAILABLE IN FOUR DISPENSING STYLES
 Four styles allow customization of your container requirements



PRODUCT SPECS

RESISTANCE POINT TO POINT (RTT)
 10^9 to $10^{10} \Omega/\text{square}$

STATIC DECAY TESTING OF STATIC DECAY

Part Number	Description	Dimensions / Interdiameter
FD-1-ESD	26ga. needle	1.5" x 5.25" / 0.009"
FD-2-ESD	20ga. needle	1.5" x 5.25" / 0.023"
FD-3-ESD	16ga. needle	1.5" x 5.25" / 0.047"
FD-PEN-ESD	Chisel Tip	1.5" x 5.25"

Most specifications for static safe material were initially written for packaging material. These specifications are also referenced for many other static safe applications.

Static Decay Testing at 12% Relative Humidity

According to packaging material specifications such as Mil-PRF-81705E and other methods which reference MIL-STD-3010C, Method 4046 (formerly FTM 101C, Method 4046), a material that has been preconditioned at 12% R.H. for a minimum of 24 hours should have a static decay time of less than 2.0 seconds when measured to a 1% (50 volt) cutoff level to be considered acceptable for use in Static Safe applications.

With an average of 0.01 and 0.22 seconds respectively for Groups A and B, the samples met the static decay requirement of the specification and should be acceptable for use in static safe applications referencing this requirement. The sample Group C exhibited no dissipative characteristics and would be classified as insulative.



BLUE DISSIPATIVE ESD FLUX BOTTLES

Note: The data contained in this report has been generated using established industry, DOD, ETS or customer standards. Results and conclusions are based on the specific samples tested on this date under the environmental conditions listed. Ultimately, it is responsibility of the end user to determine if a material is acceptable for use in a specific application.

Manufacturer Disclaimer: To the best of our knowledge, the information contained herein is accurate. However, neither R&R Lotion, nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazardous are described herein, we cannot guarantee that these are the only hazards which exist.



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