



## The Only True ESD Safe Badge Holder Available!

### What is the difference between ESD Badge Holder vs. Anti-Static Badge Holder?

What's important about a vinyl badge holder being used in an ESD protected area (EPA)? Most companies have programs in accordance with ANSI/ESD S20.20, but badge holders being an ancillary item, is not listed in S20.20 Table 3 EPA ESD Control Items and so there is not a specific "Required Limit" to be specified.

Most ESD Coordinators would require that a vinyl badge holder not be an insulator, but rather be static dissipative which would be having a surface resistance of  $1 \times 10^4$  to  $< 1 \times 10^{11}$  ohms (that's quite a range going from 10,000 ohms but being less than 100,000,000 ohms). The ESD Association publishes a handbook to provide guidance. It says: "It should be understood that any object, item, material or person could be a source of static electricity in the work environment. Removal of unnecessary nonconductors, replacing nonconductive materials with dissipative or conductive materials and grounding all conductors are the principle methods of controlling static electricity in the workplace, regardless of the activity." [ESD Handbook ESD TR20.20-2008 section 2.4 Sources of Static Electricity]

Most ESD coordinators would insist that the badge holder be identified as ESD safe by being identified with the ESD protective symbol.

What's the handbook say about Anti-Static which it spells as antistatic? The proper term is "Low Charging". A "Low Charging (Antistatic) Material Property" will "have reduced amounts of charge accumulation". However, if the badge holder is an insulator, the electrostatic charge will remain on the item. A static dissipative badge holder can be grounded and the charge removed to ground, for example when touched by a grounded person or connected to an ESD smock which has a path-to-ground.

Menda ID ESD badge holders are made with a custom dissipative material made exclusively for Desco Industries and not available anywhere else. They are ideal for use by electronic manufacturers handling electronic components. Highly visible with yellow header and ESD Symbol allowing people to immediately know the badge holder is ESD protective.

### SPECIFICATIONS:

- ★ Rtt:  $10^6$  to  $< 1 \times 10^{11}$  ohms per ANSI/ESD STM11.11
- ★ Tribocharging: Less than 100 volts
- ★ Genuine Made in the United States of America – accept no substitutes  
This item is made and stocked in [Chino, CA](#).
- ★ Available in horizontal and vertical, clip or no clip.
- ★ We can do Customs just let us know the insert size!

It is these types of products and MENDA ID's custom manufacturing capabilities that set us apart from the competition. If you would like us to send you samples for you or your customers or need a custom quote. Just contact us (909)627-2453 or visit us as [Menda-ID.com](#).

If you have any questions about the above information please feel free to contact us.