

PRODUCT

ESD Drinking Bottle

TECHNICAL DATASHEET



DESCRIPTION

These molded polyethylene bottles utilize a concentrate that does not contain any Ethoxylated Tertiary Amine, which is widely used as an antistatic agent.

These ESD safe bottles have an average surface resistivity of 10^9 to 10^{10} Ohms/square and do not have any less desirable features associated with surfactant laden material.

These bottles will dissipate a static charge of $\pm 5000V$ in less than 2 seconds at 40% relative humidity. By their chemical nature, they will not have any chemical reactivity with solvents as TCE or alcohol.

BENEFITS

- Leak Free
- PBDE Free
- Contamination Free
- Eco Safe
- BPA Free
- Phthalate Free
- PVC Free
- Dishwasher Safe

FEATURES

- Secure seal ensures this bottle is leak-proof, eliminating contamination risk.
- Highly Durable and resistant to chemicals
- Made with FDA approved food grade materials
- Can withstand temperatures up to 160°F
- Easy to grip with appropriately flexible material
- Translucent material ensures contents are easy to identify
- Stainless, non-stick and odor resistant material ensures for a long lasting bottle
- Made from recyclable and reusable material

APPLICATIONS

- Electronics Manufacturing
- Clean Environments
- ESD Protected Areas

PRODUCT CODE	DESCRIPTION	SIZE (oz)	NOTES
146-0077	ESD Drinking Bottle	32	Each

To request a quotation or for more information, please call **+1 512-580-4220**
email sales@antistat.com or visit www.antistat.com

IMPORTANT: This data sheet and its contents (the "Information") belong to Antistat or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but Antistat assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where Antistat was aware of the possibility of such loss or damage arising) is excluded. © 2024 Antistat.

APPLICATIONS

- Exceeds MIL-B-81705 & NFPA-56A “Electrostatic decay in accordance with Federal Test Standard 101, method 4046.”
- Tested to ESD ADV 11.21 surface resistance of Electrostatically dissipative materials between 1×10^4 and $< 1 \times 10^{11}$
- Helps support the ESD control program requirements stated in ANSI/ESD S20.20.
- Meets EIA 625 triboelectric charge standards.
- Helps Meet ANSI/ESD S4.1
- DOD-HDBK-263 Military Spec Compliant

HOW TO USE

1. Unfasten lid, filling bottle with desired liquid.
2. Refasten lid tightly to ensure contents are fully enclosed. Leaking contents could compromise your contamination control scheme.
3. Remember to push in spout after usage.

To request a quotation or for more information, please call **+1 512-580-4220**
email sales@antistat.com or visit www.antistat.com

IMPORTANT: This data sheet and its contents (the “Information”) belong to Antistat or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but Antistat assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where Antistat was aware of the possibility of such loss or damage arising) is excluded. © 2024 Antistat.