

PRODUCT

ESD Drinking Bottle

TECHNICAL DATASHEET



DESCRIPTION

These moulded polyethylene bottles utilise 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 71°C
- Easy to grip with appropriately flexible material
- Translucent material ensures contents are easy to identify
- Stainless, non-stick and odour 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)	SIZE (ml)	NOTES
146-0077	ESD Drinking Bottle	32	909.2	Each

To request a quotation or for more information, please call **+44 (0)1473 836200**
email info@antistat.co.uk or visit www.antistat.co.uk

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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.

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