

RoHS
Compliant



Description

Static Shielding Bubble Laminate

The lamination of an ESD transparent static shielding bag film laminated to an anti-static polyethylene.

Bubblewrap provides both physical and anti-static protection.

The outer layer is an ESD transparent static shielding film. This material forms a Faraday cage around the product, offering superior static shielding protection, while the inner layer of pink anti-static bubblewrap gives excellent physical protection. Both of these materials are qualified to Military Standard B 81705.

Features

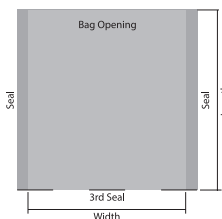
- Provides 'Faraday Cage' protection against ESD
- Conforms to EIA 625, EIA 541, ANSI/ESD S-20.20
- Semi transparent finish
- Custom sizes and printing available on request
- This product is fully reusable, protecting both your product and the environment

Configuration(s)

Our bags are available in custom sizes or in several industry standard sizes.

Bags are offered heat sealed along the three edges.

Additional static peel and seal lip available on request subject to MOQ.



Test Conditions

The following results were taken under the following environmental test conditions: Temperature: 22.3°C / Humidity: 47.5%

| Item: | Test Standard: | Result: |
|------------------------|----------------|-----------|
| Film Composition | N/A | PET-AL/PP |
| Outer Layer Thickness | Micron Meter | 7 micron |
| Bubble Layer Thickness | Micron Meter | 60 micron |
| Inner Layer | Micron Meter | 35 micron |
| Puncture Strength | FTMS 101 | 14lbs |

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

| Item: | Test Standard: | Result: |
|--|----------------|-------------------|
| Tensile Strength | ASTM D882 | 35lbs/inch width |
| Light Transmission | ASTM D1003 | 41% |
| Interior Surface Resistivity | ASTM D257 | 10 ⁹ Ω |
| Exterior Surface Resistivity | ASTM D257 | 10 ⁹ Ω |
| Metalized Layer Resistivity | ASTM D257 | 8Ω |
| Static Decay | EIA-541 | 0.2secs |
| Remains Voltage | EIA-541 | 24V |
| Physiological clearance certificate of used raw material | Bgvv, EU, FDA | Yes |

Test Conclusion:

The anti-static moisture barrier bag is tested accordant with the relevant test standard and requirements.

| Test Item: | Test Method: | Measured Equipment(s): | MDL: |
|--|-----------------------------|------------------------|--------|
| Lead (Pb) | IEC 62321:2008 Ed.1 Sec.8 | ICP-OES | 2mg/kg |
| Cadmium (Cd) | IEC 62321:2008 Ed.1 Sec.8 | ICP-OES | 2mg/kg |
| Mercury (Hg) | IEC 62321:2008 Ed.1 Sec.7 | ICP-OES | 2mg/kg |
| Hexavalent Chromium (Cr(VI)) | IEC 62321:2008 Ed.1 Annex C | UV-Vis | 2mg/kg |
| Polybrominated Biphenyls (PBBs) | IEC 62321:2008 Ed.1 Annex A | GC-MS | 5mg/kg |
| Polybrominated Diphenyl Ethers (PBDEs) | IEC 62321:2008 Ed.1 Annex A | GC-MS | 5mg/kg |

Part Number Table

| Description | Part Number |
|--------------------------------------|-------------|
| Bubbleshield Bag, 152mm×254mm, PK100 | 016-0025 |

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