

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

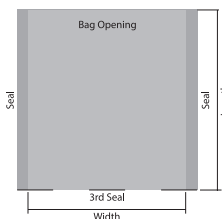
- Provides 'Faraday Cage' protection against ESD
- Conforms to EIA 625, EIA 541, ANSI/ESD S-20.20
- Semi transparent finish
- Custom sizes and printing available on request
- This product is fully reusable, protecting both your product and the environment

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, 102mm×152mm, PK100	016-0003

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") 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 the Group 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 the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.