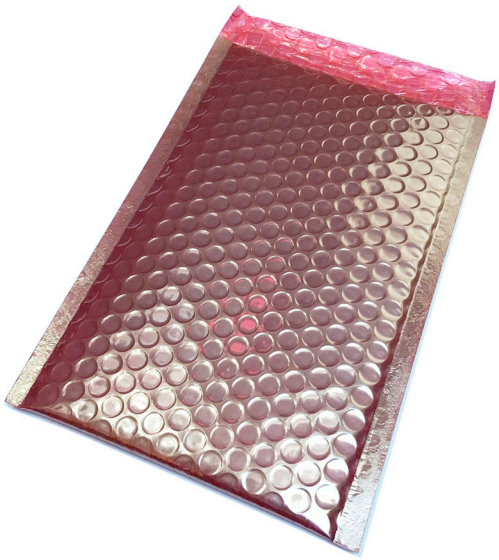
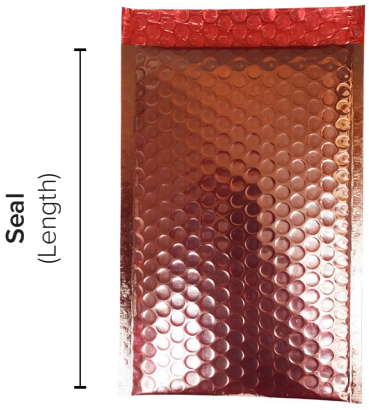
Technical Datasheet
EK-BBSS

Static Shielding Cushion Pouches





Description
Cushioned static shielding bags provide protection from an ESD event and mechanical damage.

The 50mm flap allows the bag to be closed by folding the flap into the bag.

Features

- Heat seal-able
- Three-layer metallised cushion material
- 50mm fold-over flap

Standards

Meets the requirements of ESD STM11. 31-2006, EIA541, MIL-PRF-81705, ANSI/ ESD S20.20 MIL-STD-3010, IEC 61340-5-1 1998, ASTM D 882 standards, and charge retention standards.

Extra Details

Different levels of electrostatic discharge protection are required for different electronic devices.

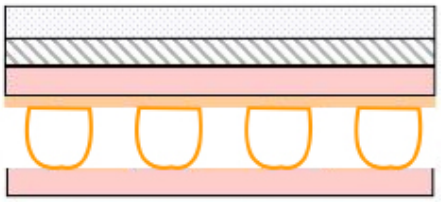
Etek Europe Ltd
Etek Technology Centre,
Prestwick International Aerospace Park,
Prestwick, KA9 2TU
+44(0)1292 834 000
sales@etek-europe.com
etek-europe.com

INVESTORS IN PEOPLE

Supplying equipment and services to the **Aerospace**, **Automotive**, **Defence**, **Medical** and **Electronics Manufacturing** Industries.

Aerospace · Automotive · Science & Research · Electronics · Medical

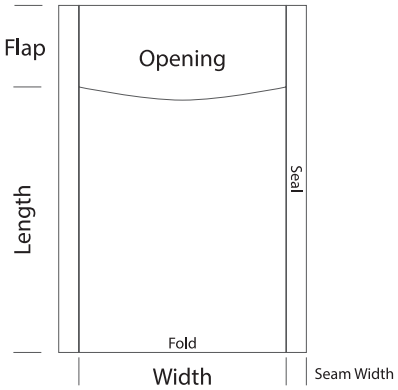
Technical Datasheet
EK-BBSS



Construction
Manufactured from three-layer metallised cushion material which is heat sealable. All pouches have a 50mm fold-over flap. The bags are made from static shielding film and 2-layer pink anti-static bubble cushioning.

Part Number	Sizes
EK-BBSS46	102x152mm
EK-BBSS58	127x203mm
EK-BBSS69	152x229mm
EK-BBSS810	203x254mm
EK-BBSS1012	254x305mm

Others sizes available upon request



Electrical Properties	Typical Values
Surface Resistance Values	See 'interior and exterior' below
Interior	ohms/ sq < 10^10 Humidity Dependent
Exterior	ohms/sq < 10^9
Static Remove Time	5000-OV <0.01 S FTMS 101 B Method 4046
Friction Static	E1A541 TriboelectricNanocoulombs Quart Tefion <13nin2.
Corrosion Resistance	FTMS 101 C Method 3005 No visible spot
Tensile Strength	lbs/ inches ASTM D 882 >18
Punch Strength	P.S.I ASTM D 3420 >100
Tear Strength	lbs/ inches ASTM D 882 >8
MVTR	gm/100in-2 ASTM E 96 <0.2
Resistance of Oxygen	CC/100in-2/24hrs ASTM D3985 <0.5

Physical Properties	Typical Values
Hot Seal Temperature	250-375
Hot Seal Time	S 0.5-3.5
Seal Pressure	P.S.I 30-70
Size	GB/96-04-10 Flap ±5mm Length ±5m Width ±5mm
Heat Seal Strength	≥3.7kg ASTM D-1876-72
Appearance	GB/96-04-10 No delamination, burst, seal, wrinkle, Warp, break, foreign adherence, air bubble beyond sealing.

Etek Europe Ltd
Etek Technology Centre,
Prestwick International Aerospace Park,
Prestwick, KA9 2TU
+44(0)1292 834 000
sales@etek-europe.com
etek-europe.com
INVESTORS IN PEOPLE

Supplying equipment and services to the **Aerospace**, **Automotive**, **Defence**, **Medical** and **Electronics Manufacturing** Industries.

Aerospace · Automotive · Science & Research · Electronics · Medical