Conductive Component Boxes

SB1,2,3,5,6,9 range

Description

A range of boxes manufactured from conductive polypropylene with hinged lids; ideal for the storage and transport of small static sensitive components and assemblies. Conductive component boxes provide exceptional static and physical protection for ESD sensitive items. They feature a specifically designed latch that is cleverly integrated into the contours of the box and provide a cost-effective method of protecting your ESD sensitive devices.

Can be supplied empty or with any combination of high/low-density conductive foam. Conductive component boxes comply with BE EN-61340-5.

Ideal for PCB and component storage and shipping.

Key Features

- Lightweight, durable component boxes.
- Manufactured from a conductive polypropylene for ESD protection.
- Sturdy yet easy to use catches allows for quick and efficient operation.
- Cost-effective way to store and transport your ESD sensitive assemblies.
- Supplied empty or with any combination of high/low-density conductive foam.
- Complies with BE EN-61340-5.
- Standard colour: Black.

Sizing Chart	
Part Code	**Dimensions**
SB1	40 x 40 x 13mm deep
SB2	74 x 52 x 18mm deep
SB3	110 x 83 x 17mm deep
SB5	228 x 128 x 30mm deep
SB6	90 x 65 x 17mm deep
SB9	143 x 102 x 38mm deep

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Specifications			
Physical Properties	**Test Method**	**Unit**	**Value**
Tensile Strength	ASTM D-1238	MPa	40
Yield Strength	ASTMD-638	MPa	-
Elongation at break	ASTMD-638	%	5
Modulus of Elasticity	ASTM D-790	MPa	4600
Impact Strength Charpy 23°C -20°C	 ASTM D-256 ASTM D-256	 kj/m^2 kj/m^2	 9 7
Impact Strength Charpy Notched 23°C -20°C	 ASTM D-256 ASTM D-256	 kj/m^2 kj/m^2	 2 2
Vicat Softening Point 1.0kg / 5.0kg	ASTM D-1525 Rate A ASTM D-648-82	°C 0.45 MPa °C 1.8 MPa °C	159 135 145 110
Volume Resistivity	ASTM D-257	8cm	<10^3
Surface Resistivity	ASTM D-257	8	<10^4
Shrinkage	ASTM D-955-73	%	0.7- 1.0
Hardness Shore A/D	ASTM D-2240		99/81