



# CONDUCTIVE

## PROTECT ELECTRO STATIC SENSITIVE DEVICES

### ABOUT ELECTROSTATIC DISCHARGE (ESD)

To a greater or lesser extent all contact between objects, every separation of one item from another, each sliding of one thing on another, causes a disturbance of electrical charge. When charge disturbance take place faster than charge redistribution, static charge accumulates. ESD occurs where charges of different electrostatic potentials meet. The flow of electrons is usually sudden and releases energy that can damage electrostatic sensitive devices (ESDs) This is referred to as tribo electric generations.

Static charges of upto 30000 volts are not uncommon and can be generated by the simple act of walking across a floor, yet a discharge of only 10 volts can destroy a class 1 ESD sensitive device.

A material that inhibits the generation of tribo electric generation is classified as anti-static. An anti-static material can be

conductive ( $10^3$  -  $10^6$  ohms/sq),

static dissipative ( $10^7$  -  $10^9$  ohms/sq),

anti-static ( $10^{10}$  -  $10^{12}$  ohms/sq) or even

insulative (greater than  $10^{12}$  ohms/sq)

Only conductive or static dissipative anti static material should be used in ESD protected areas .

$10^3$	$10^4$	$10^5$	$10^6$
<b>CONDUCTIVE</b>			

$10^7$	$10^8$	$10^9$
<b>STATIC DISSIPATIVE</b>		

$10^{10}$	$10^{11}$	$10^{12}$
<b>ANTI STATIC</b>		

$10^{13}$
<b>INSULATIVE</b>





SB 1-C



SB 2-C



SB 3-C



SB 4-C



SB 5-C



SB 6-C



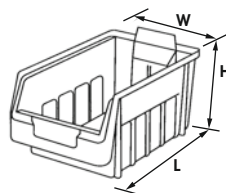
SB 7-C



SB 8-C

- Made from Conductive Polypropylene.
- Strong rear lip for use with louvred panels.
- Strong heavy duty, with reinforced base side & stacking rim.
- Resistant to most industrial solvents.
- Clear access to contents.
- All bins with identification card holder slots.
- Incorporates a safety stop feature in SB 4-C, SB 5-C, SB 6-C, at the back for use in shelves.

Colour - BLACK.



Art No	Outside Dimensions in mm			Inside Dimensions in mm		
	Length	Width	Height	Length	Width	Height
SB 1-C	125	100	60	117	80	52
SB 2-C	170	100	85	157	80	75
SB 3-C	220	130	125	200	115	115
SB 4-C	290	178	143	265	155	130
SB 5-C	290	363	145	265	340	130
SB 6-C	440	180	145	415	154	130
SB 7-C	435	425	215	405	380	208
SB 8-C	600	425	300	530	375	290

All dimensions in mm approx.

SB 8-C subject to MOQ.



Louvre Panel  
Mounted with Conductive Supra bins

### SUPRA BIN PARTITIONS CONDUCTIVE

Horizontal partition for SB 4-C & SB 6-C

Art No : **HP SB 4/6-C**

Standard Packing : 10 pcs. per ctn.

Vertical partition for SB4-C & SB5-C

Art No : **VP SB 4/5-C**

Standard Packing : 10 pcs. per ctn.

Vertical partition for SB 6-C

Art No : **VP SB 6-C**

Standard Packing : 10 pcs. per ctn.

Vertical partition for SB 7-C

Art No : **VP SB 7-C**

Standard Packing : 10 pcs. per ctn.



SB5-C fitted with  
1 No of VP SB 4/5  
Conductive vertical partition



SB 4-C fitted with  
1 No of HP SB 4/6  
Conductive Horizontal partition