

Features

- Black conductive foam provides ESD-safe cushioning
- Provides a Faraday Cage protection
- Surface resistance of $<10^5$ Ohms
- Black box with yellow ESD protective symbol

RS PRO Anti Static Storage Boxes

RS Stock No.: 0218586, 0218587, 0218588,
0218590, 0218592



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

Manufactured from conductive, corrugated fibreboard, the RS PRO Component Boxes offer a convenient and safe way to store and transport static-sensitive devices.

These boxes are supplied with protective, black conductive foam allowing any electric current to pass through the cell structure of the foam and away from the component.

Suitable for use with any ESD-sensitive component.

General Specifications

Product Type	Anti Static Storage Box
Properties	Conductive
Colour	Black
Printing	Yellow ESD warning symbol
Material	100% pure kraft
Shelf Life	10 years
Insert	Pink anti static foam
Humidity dependence	No effect on electrical properties

Electrical Specifications

Surface Resistivity (per ASTM D257-78)	<10 ⁴ Ohms/sq
Buried Shielding Layer:	<10 ⁵ Ohms/sq
Exterior Layer:	
Electrostatic Decay Rate (per MIL-PRF-81705B, Test Method 4046 Federal TMS 101B)	Less than 2.0 seconds to theoretical zero
ESD Shielding:	99.9% Attenuation (Capacitive Probe Test)

Chemical Specifications

Reducible Sulphur:	000035% (.0008% non-tarnishing to silver, solder and copper per TAPPI T-406)
Amines:	None
Galvanic Reaction:	None

Approvals

Complies with EN 61340-5-1	Yes
----------------------------	-----

Products

Stock No.	Brand	Product Name	Size	Quantity
0218586	RS PRO	Anti Static Storage Box	120mm(W) x 100mm(D) x 15mm(H)	Each
0218587	RS PRO	Anti Static Storage Box	160mm(W) x 80mm(D) x 15mm(H)	Each
0218588	RS PRO	Anti Static Storage Box	90mm(W) x 30mm(D) x 15mm(H)	Each
0218590	RS PRO	Anti Static Storage Box	100mm(W) x 60mm(D) x 15mm(H)	Each
0218592	RS PRO	Anti Static Storage Box	140mm(W) x 40mm(D) x 15mm(H)	Each