

Features

- Provides a Faraday Cage protection
- Surface resistivity of $<10^3$ Ohms or $<10^4$ Ohms
- Black box with yellow ESD protective symbol

RS PRO Conductive ESD Box

RS Stock No.: 0707143



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

RS PRO Conductive ESD Box

Brought to you by RS PRO, manufactured from conductive, corrugated fibreboard, these conductive ESD boxes offer a convenient and safe way to store and transport static-sensitive devices. These boxes are provided flat-packed. Suitable for use with ESD-sensitive equipment.

General Specifications

Product Type	See details below
Properties	Conductive
Sizes	See details below
Surface Resistivity	See details below
Colour	Black
Material	100% pure kraft
Insert	No
Humidity dependence	No effect on electrical properties

Stock No.	Product Name	Size	Surface Resistivity	Type	Quantity
xxx-xxx 0707091	Conductive ESD Box	120mm (L) x 100mm (W) x 15mm (H)	<10 ³ Ohms	Chip Box	1 pc
xxx-xxx 0707090	Conductive ESD Box	100mm (L) x 60mm (W) x 15mm (H)	<10 ³ Ohms	Chip Box	1 pc
xxx-xxx 0707108	Conductive ESD Box	85mm (L) x 108mm (W) x 18mm (H)	<10 ⁴ Ohms	Conductive Box	1 pc

Approvals

Complies with EN 61340-5-1	Yes
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Chemical Specifications

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

Electrical Specifications

Surface Resistivity (per ASTM D257-78)	<10 ⁴ Ohms/sq
Buried Shielding Layer:	<10 ³ Ohms/sq
Exterior Layer:	<10 ⁵ Ohms/sq
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)

Similar Products

Stock No.	Brand	Product Name	Sizes	Q'ty
xxx-xxx 0707091	RS PRO	Conductive ESD Box	120mm (L) x 100mm (W) x 15mm (H)	1
xxx-xxx 0707090	RS PRO	Conductive ESD Box	100mm (L) x 60mm (W) x 15mm (H)	1
xxx-xxx 0707108	RS PRO	Conductive ESD Box	85mm (L) x 108mm (W) x 18mm (H)	1
233-503	RS PRO	Conductive ESD Box	229mm (L) x 191mm (W) x 64mm (H)	5
287-8237	RS PRO	Conductive ESD Box	318mm (L) x 267mm (W) x 64mm (H)	10
218-580	RS PRO	Conductive ESD Box	267mm (L) x 216mm (W) x 64mm (H)	1
218-583	RS PRO	Conductive ESD Box	521mm (L) x 394mm (W) x 64mm (H)	1
184-6687	RS PRO	Conductive ESD Box	100mm (L) x 100mm (W) x 38mm (H)	1
184-6688	RS PRO	Conductive ESD Box	60mm (L) x 60mm (W) x 25mm (H)	1
539-227	RS PRO	Conductive ESD Box	267mm (L) x 216mm (W) x 64mm (H)	10
233-519	RS PRO	Conductive ESD Box	521mm (L) x 394mm (W) x 64mm (H)	1
218-575	RS PRO	Conductive ESD Box	299mm (L) x 191mm (W) x 64mm (H)	1
218-581	RS PRO	Conductive ESD Box	394mm (L) x 318mm (W) x 64mm (H)	1
539-233	RS PRO	Conductive ESD Box	394mm (L) x 318mm (W) x 64mm (H)	10
218-590	RS PRO	Conductive ESD Box	100mm (L) x 60mm (W) x 15mm (H)	1
218-588	RS PRO	Conductive ESD Box	90mm (L) x 30mm (W) x 15mm (H)	1
218-577	RS PRO	Conductive ESD Box	299mm (L) x 191mm (W) x 38mm (H)	1
218-574	RS PRO	Conductive ESD Box	135mm (L) x 50mm (W) x 20mm (H)	1
233-496	RS PRO	Conductive ESD Box	175mm (L) x 127mm (W) x 38mm (H)	10
218-586	RS PRO	Conductive ESD Box	120mm (L) x 100mm (W) x 15mm (H)	1
218-587	RS PRO	Conductive ESD Box	160mm (L) x 80mm (W) x 15mm (H)	1
218-584	RS PRO	Conductive ESD Box	178mm (L) x 127mm (W) x 38mm (H)	1
218-592	RS PRO	Conductive ESD Box	140mm (L) x 40mm (W) x 15mm (H)	1
218-578	RS PRO	Conductive ESD Box	318mm (L) x 267mm (W) x 64mm (H)	1