

FEATURES

- 100mm x 100mm x 38mm
- The conductive coating provides Faraday Cage protection
- The antistatic foam provides ESD-safe cushioning
- Used to store and transport static sensitive devices

RS PRO ESD Component Boxes

RS Stock No. 1846687



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Our range of component boxes offer a convenient and safe way to store and transport static sensitive devices. The conductive coating provides Faraday cage protection and the foam insert provides ESD safe cushioning to protect the box contents.

Chemical Specifications

Reducible Sulphur	00035% (0.0008% non-tarnishing to silver, solder and copper per TAPPI T-406)
Amines	None
Galvanic Reaction	None

Mechanical Specifications

Line papers	100% pure kraft
Shelf life	10 Years
Humidity dependence	No effect on electrical properties

Electrical Specifications

Surface Resistivity (per ASTM D257-78)	
Buried shielding layer	<10 ⁴ 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)