

ESD Safe Transit Boxes

Integrity® ESD Transit Boxes are a new generation in component transportation. The specially formulated conductive coating on each Integrity® Transit Box creates a faraday cage, allowing the safe passage of electronic components that are sensitive to Electrostatic Discharge. To protect components against impact damage, Integrity® Transit Packs are constructed from a rigid corrugated board, with an easy-to-open lid. Internally, sensitive devices are cushioned by ESD safe foam inserts.

Features:

- 360 protection from electrostatic discharge and impact damage
- Manufactured to any size and shape with options for customised print and interiors
- Antistatic foam inserts providing cushioning during the transit of sensitive components
- Designed to fit a range of components, devices and computer parts
- Dissipative layer impregnated into the rigid material shielding sensitive products from electrical charges
- Additional ESD safe foam ensures maximum protection
- Easy-Open lids for quick access to transit box content
- Durable, lightweight material allowing the box to be opened and closed multiple times.



Exterior Static Dissipative Layer ... Corrugated board Corrugated board Buried Shielding Layer ... Internal Static Dissipative Layer ...

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Technical Facts / Data		
Electrical Properties		
Surface resistance Shielding layer (Ohm) (1-or 2-layer) No heavy metal	<10 ²	
Surface resistance outer layer (Ohm)	<10 ⁷ - ⁸	
Controlled potential equalization	Yes	
Tribocharging	None	
Surface colours	Blue as Standard	
Energy Bag Test ANSI / ESD STM 11-31 IEC 61340-4-8	< 10 nJ	
Chemical Properties		
Corrosion	None	
Galvanic Reaction	None	
Recyclability	Resy 0062	
Mechanical Properties		
Resistance to abrasion (varnished surface)	Yes	
Printability	Limited	
Moisture	No limitation of the electrical features	
Specification		
Equivalent of	ANSI/ESD S541	
Equivalent of	DIN EN 61340-5-3	
No subject to RoHS-guidelines (2002/95/EG and 2002/96/EG)		

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Product Code	Description	External Size (mm)	External Size (in)	Notes
026-0216	Transit Box	178 x 127 x 38	7 x 5 x 1.5	Each
026-0217	Transit Box	229 x 191 x 64	9 x 7.5 x 2.52	Each
026-0218	Transit Box	267 x 216 x 64	10.5 x 8.5 x 2.52	Each
026-0219	Transit Box	318 x 267 x 64	12.52 x 10.5 x 2.52	Each
026-0220	Transit Box	394 x 318 x 64	15.5 x 12.52 x 2.52	Each
026-0221	Transit Box	521 x 394 x 64	20.5 x 15.5 x 2.52	Each
026-0222	Transit Box	60 x 60 x 25	2.36 x 2.36 x 0.98	Each
026-0223	Transit Box	100 x 100 x 38	3.93 x 3.93 x 1.5	Each
026-0224	Transit Box	100 x 60 x 15	3.93 x 2.36 x 0.6	Each
026-0225	Transit Box	120 x 100 x 15	4.7 x 3.93 x 0.6	Each
026-0226	Transit Box	90 x 30 x 15	3.54 x 1.18 x 0.6	Each



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