



Conductive Containers

EL4300, 6400, 8600 range

Description

Stackable conductive containers with option of hinged lid. A high quality comprehensive range of injection moulded conductive plastic containers providing the most ideal method of storing / transporting the most delicate and E.S.D sensitive products. All items are extremely strong and durable providing exceptional mechanical protection. The conductive properties provide a 'Faraday Cage' static safe environment for static sensitive devices and components.

Key Features

- Resistant to high and low temperatures.
- Manufactured from an injected moulded conductive plastic.
- Ideal method of storing / transporting the most delicate and E.S.D sensitive products.
- Extremely strong and durable providing excellent mechanical protection.
- Provides a 'Faraday Cage' effect.
- Stackable with option of hinged lid.



Unlike many other ESD Boxes, our conductive containers provide a fully ESD Safe environment.





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Sizing Options	
Containers 300 x 200mm	External
EL3212	300 x 200 x 120mm
EL3200	Lid 300 x 200mm
Containers 400 x 300mm	External
EL4305	400 x 300 x 55mm
EL4308	400 x 300 x 78mm
EL4312	400 x 300 x 120mm
EL4317	400 x 300 x 170mm
EL4322	400 x 300 x 220mm
EL4332	400 x 300 x 325mm
EL4300	Lid 400 x 300mm
Containers 600 x 400mm	External
EL6408	600 x 400 x 78mm
EL6412	600 x 400 x 120mm
EL6417	600 x 400 x 170mm
EL6422	600 x 400 x 220mm
EL6428	600 x 400 x 285mm
EL6432	600 x 400 x 325mm
EL6443	600 x 400 x 430mm
EL6400	Lid 600 x 400mm

Specifications	
Base Material	Polypropylene copolymer.
Conductive Additive	Carbon black.
Colour	Black.
Density at 23°C	1.04 g/cm ³ .
Chemical Resistance	Excellent (according to the generally valid PP classification).
Vicat Softening Point	154°C ISO 306.
Working Temperature Continuous	Approx 80-100°C. Short term: Approx 100-120°C.
Surface Resistance	Less than 10 ⁴ Ω cm (measured according to CEI EN 61340-2-3 at 20°C with a 5 cm ² ring electrode).
Ageing Behaviour	No deterioration of conductivity (in 7 years of service) no leaching of corrosive substances, excellent UV resistance.



Important Notice: The information contained within this spec sheet is for guidance only. We make no warranties expressed or implied and assume no liability regarding any use of this information. Conductive Containers, June 1st 2020.