



# Flat Fronted Conductive Picking Bins

EL0/1/2/3/3A/4 PLC range

## Description

A complete range of conductive plastic picking bins which have all the standard designs and features universally accepted with this versatile method of storing / handling. Flat fronted conductive picking bins provide both ESD protection and physical strength. As a result, they can lower your costs by reducing damaging and guard against mishandling. The flat fronted picking bins are crafted with a half-open, flat front design for improved access. Available in a wide range of sizes, the flat fronted ESD picking bins can work perfectly within your existing warehouse or racking setup. The flat fronted picking bins can also be fitted to Louvre wall panels to increase vertical space at your workstation, manufacturing line or picking wall. An added feature to the Imilani range is that the two smallest bins actually lock into each other giving a solid stacking feature. Made from a durable, conductive polypropylene material, the flat fronted conductive picking bins have good longevity.

European standard compliant, our conductive picking bins are easy to clean and made from a durable, conductive polypropylene copolymer material which enhances its longevity. The high-quality anti static material allows you to store and move static sensitive electronic components safely, protecting them from electrostatic discharge (ESD). Picking Box Series polypropylene containers are the ideal solution for any storage requirement - in warehouses, in workshops, and along assembly lines. They allow all contents to be always clearly visible and ready at your fingertips - making withdrawal extremely easy. These containers are stackable in a stable and safe manner and the ready availability of the material is ensured even when they are stacked.



## Standards & Regulations



RoHS compliant



REACH compliant



CE certified



IEC-61340-5-1 compliant

## Key Features

- Resistant to high and low temperatures.
- Prevents damage from ESD or mishandling, resulting in less written off stock.
- Made from a tough, conductive polypropylene copolymer material.
- Easy to clean surfaces for enhanced longevity.
- Integrates well with existing racking and warehouse storage systems.
- Half-open and flat fronted design for improved access and easy component picking.
- Can be mounted to louvered panels to maximise vertical space.
- Surface resistance less than  $10^4 \Omega \text{ cm}$ .
- Allows contents to be always clearly visible.



# Flat Fronted Conductive Picking Bins

EL0/1/2/3/3A/4 PLC range

Technical Specification	Typical Values
Base Material	Polypropylene copolymer (PPC)
Conductive Additive	Carbon black
Colour	Black
Density at 23°C	1.04 g/cm <sup>3</sup>
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 <sup>4</sup> Ω cm (measured according to CEI EN 61340-2-3 at 20°C with a 5 cm <sup>2</sup> ring electrode)
Ageing Behaviour	No deterioration of conductivity (in 7 years of service) no leaching of corrosive substances, excellent UV resistance
Volume Resistivity	10 <sup>4</sup> Ω cm (measured according to CEI EN 61340-2-3 at 20°C with a 5cm <sup>2</sup> ring electrode)

Part Code	External Dimensions
EL01PLC	72 x 45 x 34mm
EL0PLC	85 x 95 x 45mm
EL1PLC	160 x 95 x 75mm
EL2PLC	230 x 140 x 130mm
EL3A2PLC	50 x 200 x 145mm
EL3PLC	350 x 200 x 200mm
EL4PLC	500 x 300 x 200mm