



- A. Conductive waste bins are useful in large ESD Protected Areas where waste accumulates and cannot be conveniently removed except in bulk.
- B. Desco Europe conductive waste bins are made of conductive fibreboard formed around steel hoops shaped to a square at the top the bin.
- C. The bins are sturdy yet light enough to be easily handled.
- D. Cut-outs on two opposite sides serve as handles.
- E. A yellow paper label (non-conductive) is adhered to each of the other two sides to designate the use of the bin.

### Technical Information:

Property	<a href="#">239205</a>	<a href="#">239215</a>	<a href="#">239210</a>
Size	40cm x 40cm x 78cm	30cm x 30cm x 60cm	25cm x 25cm x 40cm
Weight	3kg	1.85kg	1.5kg
Top load required to cause Collapse	> 80kg	>70kg	> 60kg
Surface Resistivity	<1 x 10 <sup>6</sup> ohms	<1 x 10 <sup>6</sup> ohms	<1 x 10 <sup>6</sup> ohms
Resistance from Top to Bottom	<1 x 10 <sup>6</sup> ohms	<1 x 10 <sup>6</sup> ohms	<1 x 10 <sup>6</sup> ohms
Resistance to Ground	<1 x 10 <sup>6</sup> ohms	<1 x 10 <sup>6</sup> ohms	<1 x 10 <sup>6</sup> ohms
Bin Liner Item Number	<a href="#">239235</a> - blue <a href="#">239240</a> - green <a href="#">239245</a> - red	<a href="#">239220</a> - blue <a href="#">239225</a> - red	<a href="#">239230</a> - blue

"ESD damage can occur when:

- a charged person or object comes into contact with an ESD sensitive device (ESDS);
- an ESDS comes into direct contact with a highly conductive surface while exposed to an electrostatic field;
- a charged ESDS comes into contact with another conductive surface which is at a different electrical potential. This surface may or may not be grounded."

[IEC 61340-5-1 Introduction]

"All non-essential insulators and items (plastics and paper), such as coffee cups, food wrappers and personal items shall be removed from the workstation or any operation where unprotected ESDS are handled." [EN 61340-5-1 Clause 5.3.4.2 Insulators]

Unless otherwise noted, tolerance  $\pm 10\%$

Specifications and procedures subject to change without notice.

Item	Description
<a href="#">239205</a>	Conductive Waste Bin, 40cm x 40cm x 78cm
<a href="#">239200</a>	Drop-on Lid for <a href="#">239205</a>
<a href="#">239215</a>	Conductive Waste Bin, 30cm x 30cm x 60cm
<a href="#">239210</a>	Conductive Waste Bin, 25cm x 25cm x 40cm



Made in the  
United Kingdom

### Conductive Waste Bin

# DESCO EUROPE

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Drawing Number  
**239200**

DATE:  
December  
2017