



# Sterile ESD Cleanroom Bin Liners

## TECHNICAL DATASHEET

### DESCRIPTION

Our sterile bin bags provide a simple, effective solution for contamination control. These bags are sterilised via gamma irradiation, then repacked and double bagged for cleanroom use.

Not only are these bags safe for standard cleanroom use; with a surface resistivity of  $< 10^{11}$  ohms/sq, these bags also offer effective ESD protection, suitable for EPAs or static controlled cleanrooms.

### VARIATIONS

SKU	COLOUR
600-0050	Clear
600-0052	Green
600-0053	Black

### COLOURS

**600-0050**  
Clear

**600-0052**  
Green

**600-0053**  
Black



### FEATURES

- Our refuse sacks are made of antistatic low-density polyethylene (LDPE)
- Available green, clear or black
- Homogeneous, non-amine antistatic polythene film which is effective at low relative humidities (less than 12%)
- Bag size: 450mm x 735mm x 990mm
- Bag volume: 110 Litre
- Sold 100 bags/pack | 3 packs/case

### PRINT

All our bags are printed in black (apart from the black bag, printed in white) featuring the following text and symbols:



To request a quotation or for more information, please call **+44 (0)1473 836205**  
email [info@integritycleanroom.co.uk](mailto:info@integritycleanroom.co.uk) or visit [www.antistat.co.uk/integritycleanroom/](http://www.antistat.co.uk/integritycleanroom/)

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## SPECIFICATIONS

TECHNICAL PROPERTIES	STANDARD	DETAILS
Thickness	-	130 Gauge - 32.5 Microns
Tensile Strength	ASTM D 882	1500 to 3000 psi
Tear Strength	ASTM D 1004	65 to 450lbs/inch
Elongation	ASTM D 1004	MD: 550
Dart Impact	ASTM D 3420	250-750 grams
Burst (Mullen)	ASTM D 3420	20 - 60 psi
Heating Sealing	ASTM D 882	Temperature: 122-190°C
Time	-	.25 - 3.5 seconds
Pressure	-	30-60 psi
ELECTRICAL PROPERTIES		
Surface Resistivity	-	(Inside/Outside) at 23°C and 12% RH < 10 <sup>11</sup> ohms/sq
Static Decay Rate	-	(5000 volts O <sub>2</sub> volts at 23°C and 12% RH) < 2 seconds

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