



- Charleswater dissipative refuse sacks are low-tribocharging. Even at low humidity they do not become charged with static electricity and are designed for use in ESD protected areas where electrostatic sensitive devices are present.
- They are made from high quality polyethylene and are as strong as conventional refuse sacks.
- All sizes are printed with the ESD protective symbol.

### Technical Information

Property	Value	Method
Gauge	38 micron	-
Dartdrop impact strength	130g	ASTM D1709-A
Elmendorf tear strength	3 - 4N	ASTM D882-A
Surface resistance	$1 \times 10^5$ to $<1 \times 10^{11}$ ohms	EN 61340-5-1
Charge decay time	<4s	EN 61340-5-1

Technical Information from the International Electrotechnical Commission:

“Risks of damage to semiconductor devices and some other electronic components arise in two main ways from static electricity:

- Discharges of static electricity from conductors or charged insulators causing melting and evaporation of fine tracks on integrated circuit chips;
- Electric fields from charged conductors and insulators causing electrical breakdown on insulation between features on integrated circuits.” (EN 61340-5-2 Introduction)

“A static audit with an electrostatic field meter should be carried out to determine the levels of static potential present.” (EN 61340-5-2 section 5.2.9.2)

Item	Description	Width	Length	Volume	Colour
<a href="#">91103</a>	Dissipative Refuse Sacks, Pack of 100, to fit <a href="#">91101</a> bin	480mm	680mm	30 litre	Blue
<a href="#">91102</a>	Dissipative Refuse Sacks, Pack of 100	660mm	740mm	50 litre	Blue
<a href="#">91104</a>	Dissipative Refuse Sacks, Pack of 100, to fit <a href="#">91100</a> bin	460mm gusseted	970mm	110 litre	Blue
<a href="#">91105</a>	Dissipative Refuse Sacks, Pack of 100, to fit <a href="#">91100</a> bin	460mm gusseted	970mm	110 litre	Green
<a href="#">91108</a>	Dissipative Refuse Sacks, Pack of 100, to fit <a href="#">91100</a> bin	460mm gusseted	970mm	110 litre	Red

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

Specifications and procedures subject to change without notice.



## Dissipative Refuse Sacks

CHARLESWATER LTD.  
 UNIT 17. MILLBROOK BUSINESS PARK, SYBRON WAY  
 CROWBOROUGH, EAST SUSSEX TN6 3JZ UNITED KINGDOM  
 PHONE: 00 44 (0) 1892-665313, INTERNET: [Charleswater.co.uk](http://Charleswater.co.uk)

Drawing Number  
 91102.E

DATE:  
 February  
 2017