



- A. These products are made of an antistatic polyethylene film that under normal working conditions doesn't generate triboelectric charges.
- B. The bags are tough, amine free, does not affect polycarbonate housings and does not cause corrosion.
- C. The product is transparent and tinted pink. Typical film thickness is .070 mm (0.003")
- D. Bags are hot foil printed in yellow with a descriptive text and ESD protective symbol to comply with EN 61340-1.
- E. The film is designed for use as packaging for non-ESD sensitive devices that are required in ESD protected areas e.g. passive components, screws. The antistatic properties are long lasting provided the film is stored in a cool dry place. Do not store outside and do not expose the film to heat or store in an overheated warehouse.
- F. Surface resistivity: $R_S = 10E10$ to $10E11$ ohms per IEC 61340-2-3 , Charge decay time: $T_{1000} < 2s$ @ 50% rH, 22°C.

Typical Physical Properties

MD = Machine direction, CD = Cross direction

Tensile strength	MD:	30kPa (ASTM D882-A)
	CD:	29kPa
Elongation at break	MD:	1000% (ASTM D882-A)
	CD:	1100%
Elmendorf tear strength	MD:	8N (ASTM D882-A)
	CD:	10N
Dart drop impact strength		300gr (ASTM D1709-A)
Water vapour transmission rate		>0.8gr/m ² 24 hr at 50% rH & 20°C
Weight		0.07kg/m ²
Bag width tolerance		+15mm
	(inside)	-2mm
Bag length tolerance		+30mm
	(inside)	-2mm

Antistatic Pink Bag Sizes	
Item	Size
90885	100 x 150mm (4" x 6")
90886	150 x 200mm (6" x 8")
90887	150 x 255mm (6" x 10")
90888	200 x 255mm (8" x 10")
90889	255 x 305mm (10" x 12")
90890	255 x 355mm (10" x 14")
90891	305 x 405mm (12" x 16")
90892	305 x 455mm (12" x 18")
90893	610 x 915mm (24" x 36")
Sold 100 per package	

"ESD protective packaging ... when required, shall be defined for all material movement within protected areas, between protected areas, between job sites, field service operations and to the customer." Per Table 4, static dissipative packaging required range is $1x10E5$ to less than $1x10E11$ ohms. Per Note 2 [EN 61340-5-1 Edition 1.0 2007-08 clause 5.3.4 Packaging]



If not otherwise noted, tolerance $\pm 10\%$

Specifications and procedures subject to change without notice



Antistatic Pink Bags without Zipper

CHARLESWATER LTD.
 UNIT 17. MILLBROOK BUSINESS PARK, SYBRON WAY
 CROWBOROUGH, EAST SUSSEX TN6 3JZ UNITED KINGDOM
 PHONE: 00 44 (0) 1892-665313, FAX: 00 44 (0) 1892-668838
 INTERNET: Charleswater.co.uk

Drawing Number
 90885.E

DATE:
 July
 2010