

- A. Electrostatic bubble shielding bags are made of metalised film, laminated to antistatic pink bubble film.
- B. This material offers excellent ESD protection combining the 'Faraday Cage' effect with an air gap. It also offers good mechanical protection and, being partially transparent, permits easy identification of contents. Its heavy-duty construction makes it suitable for re-use.
- C. The bags have a flap to enclose contents.



Specifications:

Electrical Properties

Surface Resistance:

Outer Layer

Inner Layer

Static Decay

Discharge Shielding

Charge Generation

Typical Values

1 x 10⁴ to < 1 x 10¹¹ ohms

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<0.2s

<50nJ

Teflon: -0.03 nC/in²

Quartz: +0.10 nC/in²

Test Procedures/Method

IEC 61340-2-3

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MIL-STD-3010 4046

ANSI/ESD STM11.31

Modified Incline Plane

ESD ADV 11.2-1995

Physical Properties

Thickness:

Polyester

Antistatic PE

Bubble properties

Diameter

Height

Tensile strength

Puncture resistance

Transparency

MVTR

13 micron

60 micron

10mm

5mm

>15lbs/in²

>25lbs

>15%

<0.2g @ 100°F

ASTM D2103

ASTM D2103

N/A

N/A

ASTM D882

FTMS 10001C

ASTM D-1003-77

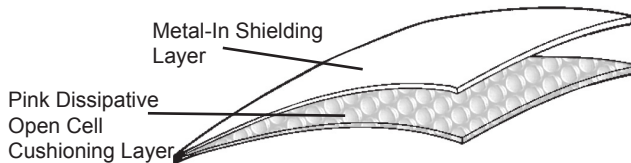
ASTM F 1249

Shielding Bubble Bag Sizes

Item	Size (WxL)
90960	100mm x 150mm + 25mm Flap
90961	150mm x 255mm + 25mm Flap
90962	200mm x 255mm + 25mm Flap
90963	255mm x 305mm + 50mm Flap
90964	305mm x 405mm + 50mm Flap
90965	355mm x 455mm + 50mm Flap
Sold 10 per package	

Meets EN 61340-5-1 and Packaging standard IEC 61340-5-3 per IEC 61340-2-3 and ANSI/ESD STM11.31.

RoHS 2 and REACH Statement
 None of the RoHS 2 restricted materials or REACH substances of very high concern are intentionally added in manufacturing this product. Ref: European Union Directive 2011/65/EU and Regulation (EC) No. 1907/2006/CE. See Charleswater [Limited Warranty at Charleswater.co.uk](#).



Unless otherwise noted, tolerance ±10%
 Specifications and procedures subject to change without notice.



Shielding Bubble Bags

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

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