



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

- Electrostatic bubble shielding bags are made of metalised film, laminated to antistatic pink bubble film.
- 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.
- 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

1×10^4 to $< 1 \times 10^{11}$ ohms

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$< 0.2s$

$< 50nJ$

Teflon: -0.03 nC/in^2

Quartz: $+0.10 \text{ nC/in}^2$

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

$> 15 \text{ lbs/in}^2$

$> 25 \text{ lbs}$

$> 15\%$

$< 0.2g @ 100^\circ F$

ASTM D2103

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N/A

N/A

ASTM D882

FTMS 10001C

ASTM D-1003-77

ASTM F 1249

Shielding Bubble Bag Sizes

Item	Size (WxL)
815-3492	255mm x 125mm + 50mm Flap
815-3499	255mm x 355mm + 50mm Flap
815-3480	255mm x 305mm + 50mm Flap
815-3486	305mm x 405mm + 50mm Flap
815-3483	505mm x 405mm + 50mm Flap
Sold 5 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 Vermason [Limited Warranty at Vermason.co.uk](http://www.vermason.co.uk).



Made in the
United Kingdom



Shielding Bubble Bags

RS COMPONENTS LTD.
BIRCHINGTON ROAD, CORBY,
NORTHANTS, NN17 9RS, UK

Drawing Number
RS-815-3492

DATE:
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