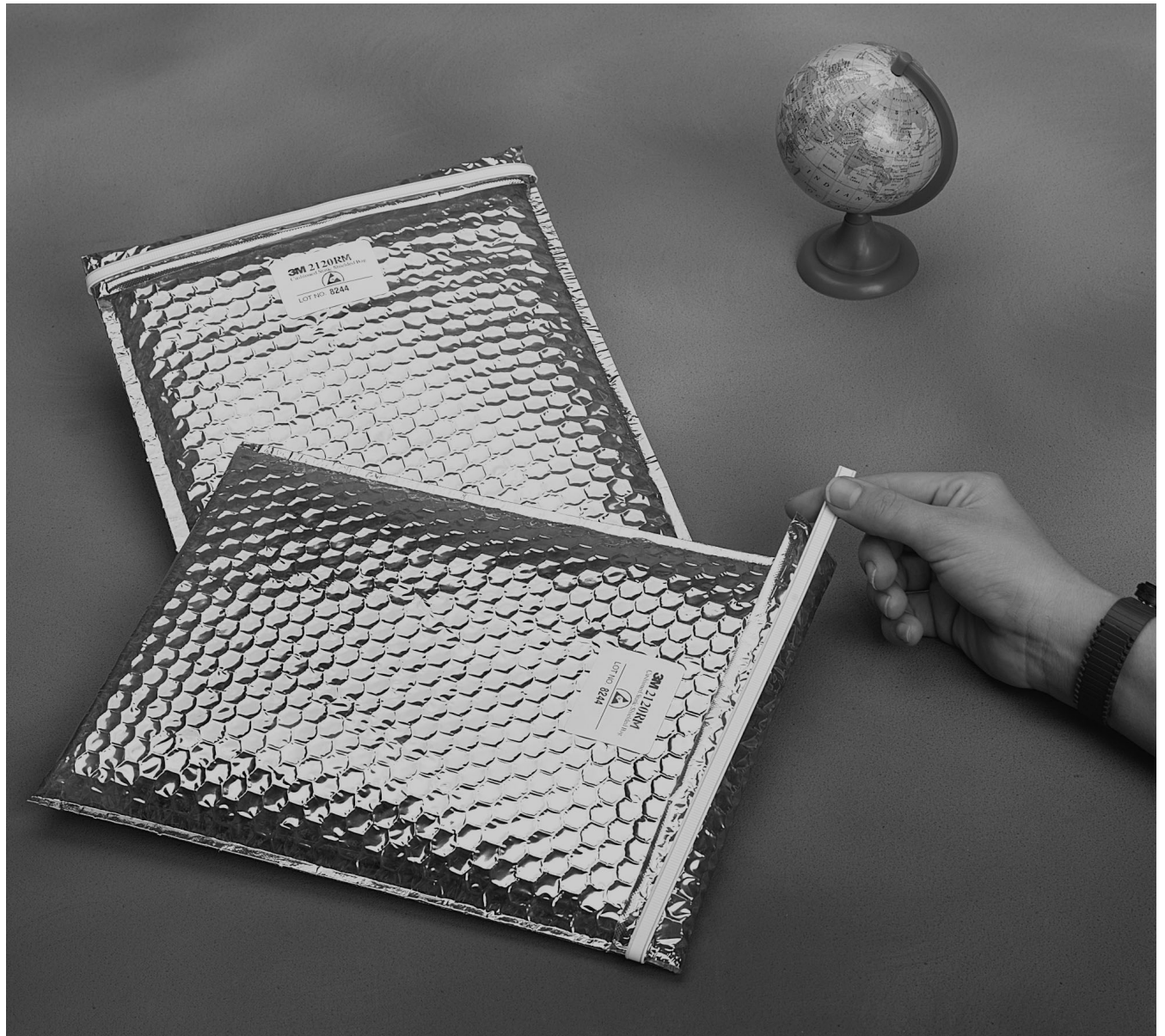


3M

2120R/M Metal-Out Cushioned Static Shielding Bags

Cushioned and Reclosable Static Shielding Bags



Use the 3M™ 2120R/M Metal-Out Cushioned Shielding Bag when physical protection as well as static shielding is required. Usually more cost effective and convenient to use than two-part packaging methods, the 2120R/M has an added reliable and easy to use mechanical closure mechanism that ensures proper closure. In fact, the new mechanical closure mechanism has proven durability that lasts beyond the life expectancy of the bag itself.

Five-layer construction protects against direct discharge, triboelectric charge generation and static fields. The inside layer of the 2120R/M is a smooth static-dissipative polyethylene liner that minimizes snagging of pins or sharp edges when inserting or removing items from the bag, while the open-cell cushioning structure provides physical shock protection even when punctured. Labels may also be used to add security and provide indication of tampering.

Product Number	Description
2120R/M	Cushioned and Reclosable Static Shielding Bags <ul style="list-style-type: none"> • Standard Sizes 6" x 7" to 18" x 23" (15 cm x 18 cm to 46 cm x 58 cm) • Custom Size Limits 5" x 4" to 24" x 23" (13 cm x 10 cm to 61 cm x 58 cm)

Dimensions are inside measurements (W x L)

2120R/M Typical Properties

Property	Test Method	Typical Value
Thickness	PPP-C-1842	125 mils (3.15 mm)
Strength		
Tensile	ASTM D 882	34 lbs./in. width
Puncture	FTMS 101C	22 lbs
Seam Strength	Mil B 81705 C (3M method with 4.0 lbs. Hanging weight)	Pass
Surface Resistance/Resistivity		
Interior	ANSI/ESD S11.11	<1 x 10 ¹¹ ohms
Exterior	ANSI/ESD S11.11	<1 x 10 ¹⁰ ohms
Metallized Layer	Monroe Model 267	<10 ² ohm/sq
Electrostatic Shielding	EIA 541 (Appendix E) ANSI/ESD S11.31 (Energy)	<30 volts <25 nanojoules
Corrosiveness	FTMS 101 C Method 3005	Pass
Mechanical Closure Durability	Bending Test Temperature Range	>200 cycles -40°C (-40°F) to 80°C (176°F)

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